

**Abstracted for
Geo-Science Data Index**

Date _____

GRAVITY SURVEY

OF THE

PINE POINT AREA, N.W.T.

FOR

CARSON HOLDINGS LTD.

BY

OVERLAND EXPLORATION SERVICES LTD.

INTRODUCTION

This report is a discussion of a gravity survey carried out in the Pine Point area of the Northwest Territories during July, 1967. A crew was stationed at Pine Point and all the station runs were tied to a suitable Base Station near the town of Pine Point. Stations shown on the map were all located on existing cut lines. These were cleared by axe and chain saw by our crews. Transportation was provided by a Surgo fiberglass tracked vehicle manufactured by T.W. Industries Ltd., Calgary and a Bombardier leased from B & M Motors Ltd., Hay River, N.W.T. These two vehicles supplied sufficient transport for the crew.

A total of 1,218 gravity stations were established and most of these are shown on the Bouguer Map which accompanies this report. The gravity data is presented in the form of a Bouguer Map, contoured on an interval of milligals.

SURVEY AND FIELD PROCEDURE

The topographic survey was done with a transit with a vertical closure limit of 1.5 feet for loops of ten miles or less. Stations were located on a five per mile pattern and distances were measured by the stadia method.

The gravity work was done with a World Wide Gravity Meter using the repeat method of rereading stations taken on

proceeding runs to check the meter function. The majority of the repeat values were within 0.02 - 0.05 milligal range. All station runs were made with a two and one-half hour base tie, except for a few runs where difficulty with muskeg was encountered. A Bouguer Free Air correction factor of 0.06344 was used in correcting the gravity readings. This value has been used in other nearby areas and has proven satisfactory for this area.

STRATIGRAPHY

The sedimentary section under the project area is about 1,300 feet thick and it is thought that only Middle Devonian sediments are present. However, the unit underlying the Chinchaga formation have been placed in the Ordovician by some writers and the age of these "Red Beds" remains in doubt. For the purpose of this report the Red Beds sediments are placed in the Middle Devonian.

In this area the section consists of the Red Beds and Chinchaga formations, a dolomite interval which correlates with the Keg River formation, a shale and limestone section which correlates with the lower part of the Muskeg formation and the Presqu'ile Reef formation which correlates with the upper portion of the Muskeg formation.

RED BEDS FORMATION

The Red Beds are about 300 feet thick in the Pine Point area and consist of red beds of siltstone, breccia, dolomite, anhydrite and gypsum. A basal sandstone unit is often present and is known as the Granite Wash sandstone. It has a variable thickness and is an excellent potential reservoir.

CHINCHAGA FORMATION

The Chinchaga is about 325 feet thick and consists of gray to brown, granular to partly crystalline dolomite; interbedded with gray to brown anhydrite.

KEG RIVER EQUIVALENT

This shale interval is about 250 feet thick and consists of fine granular, brown dolomite. Some shale stringens and thin beds are present.

MUSKEG FORMATION

The Muskeg formation is 500 feet thick and is comprised of a lower unit 100 feet thick consisting of bituminous shale; a middle unit 175 feet thick consisting of green, calcareous shale; and an upper member 225 feet thick consisting of gray to white, porous, reefal dolomite. This upper unit is the Presqu'ile reef.

Density contrasts within the sedimentary section could occur at the edge of the Presqu'ile reef, at a location where a Basement high cuts out some of the sedimentary section, or where there is a rapid lateral change in lithology within any formation.

GRAVITY

GENERAL STATEMENT

Exploration by gravitational methods is the technique of measuring the differences or deviations of the gravitational field at the earth's surface and using the data thus obtained to predict subsurface features. Gravitational methods are analogous to magnetic methods of exploration in that quantitative investigations are made of natural field of force. The physical property of the subsurface materials which produce the significant or diagnostic gravitational anomalies is density. In order to detect the effects caused by the changes in density of subsurface materials, it is necessary that they be of large enough magnitude to overcome the effects of near-surface, topographic and regional effects. The magnitude of any gravity anomaly is dependent upon the density, geometric configuration, depth and location of the structure with reference to the point at which the effect of the structure was measured.

If the earth were a homogeneous, stationary, isolated sphere, the sphere would exert a radial force on objects at its surface and the force per unit mass would be the same at all points on its surface. However, the earth is neither homogeneous, stationary, isolated or spherical. The result is that the force of gravity per unit mass varies, both in direction and in magnitude, from place to place and from time

to time. Furthermore, data on gravitational anomalies furnish information about the deviation of the earth from a homogeneous, stationary, isolated sphere. Interpretation of the field measurements made in gravity surveying is based upon these variations.

The earth's deviation from a sphere is caused by two factors: (a) topographic features, hills, valleys, mountains, etc.; and (b) the oblate spheroid shape resulting from its rotation. This latter factor introduces a variation in the force of gravity which is a function of latitude. This variation plus the effect of the centrifugal force of rotation are usually combined and called the "latitude, or north-south correction". From knowledge of the mean shape of the earth and its speed of rotation, the latitude correction may be calculated mathematically; the correction amounts to about $1/194 \sin^2 (\text{latitude})$.

In the survey conducted the "Relative Gravity" was the value recorded and calculated. It is the value of gravity at any station in reference to the known or assumed absolute of gravity at some base station. Direct determinations of the relative gravity with a gravity meter consists of "weighing" the same object with very great precision, at various localities, the weight of an object at any location on the earth's surface is equal to the force of attraction exerted by the earth on the object. That is the weight is equal to the product of the mass (m) of the object (which remains the same

at all locations) and the acceleration (g) due to gravity. Hence, the weight of a constant mass (m) at any station is affected by the nature of the subsurface materials. For example, it is larger at stations where subsurface material is relatively dense. The observed changes in weight are very small, being of the order of one part in ten thousand, or one part in ten million of the total gravity value.

GRAVITY INTERPRETATION

The Bouguer Map shows a decrease in value of over 20 milligals from the bridge over the Buffalo River to a point two miles southeast of Dawson Landing on the south shore of Lesser Slave Lake. This change in Bouguer value probably represents some change in Basement composition - perhaps associated with a Basement fault which is known to be present in the area.

Several areas of "squeezing" of the Bouguer contour can be seen on the map. One of these occurs in the northwest part of Permit 4737 at the north end of a small low nose which is present in this area. A larger and more significant "squeeze" is present in the southwest corner of Permit 4738. A drop in Bouguer values of six milligals occurs in this area and it is suggested that this feature is caused by the large Basement fault which is known to exist in the area.

It would be necessary to prepare a residual map of the whole area to correctly determine the strike of this fault, but from the appearance of Bouguer Map the strike would be about northeast to southwest. Although this fault is within the Basement, it could have some effect on the sedimentary section. Reef growth particularly is often controlled by deeper faulting and the presence and extent of the Presqu'ile reef may be controlled by this fault. Some lithologic facies changes might also be partly influenced by this Basement fault.

Of particular importance is the possibility of a reservoir trap being formed in the Granite Wash sandstone against a Basement fault.

There are no closed highs or lows on the Bouguer Map and it would be necessary to prepare a residual gravity map in order to detect any anomalies within the sedimentary section.

Several areas of potential for intra-sedimentary anomalies and special attention should be given these areas in any future work in the area. These areas are listed below.

north central part of Permit # 4737

south central part of Permit # 4739

east side of Permit # 4738 - particularly

the southeast corner of the permit.

The Off-Permit area immediately east of 4738 also merits further attention.

CONCLUSIONS

Density contrasts within the sedimentary section of this part of the Northwest Territories are not extensive, and no obvious closures are present on the Bouguer Map.

Further gravity work should be done in the area and residual gravity map of the whole area prepared. Special attention should be given to the areas listed in the last section of this report, particularly the north-central part of Permit # 4739.

Depending on the results of further work and the residual map a small seismic program should be run over selected area. Drilling would be based on the results of all the above work, but it is thought that the Granite Wash and Keg River intervals will be the main reservoir targets.

Respectfully submitted by:

William A. Cooke

OVERLAND EXPLORATION SERVICES LTD.

WGC/jp

SHEET NO. 28

Inst. No. 016

Density 2.3

Meter Const. .09833Comb. Free Air-Corr. Const. **.0643**[illegible]

SHEET NO. 29OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine Point Inst. No. _____ Density 2.3Date July 14th, 1967. Meter Const. .00033 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	1:15	529.6	0	529.6	763.89	49.27	- 6.53	500.00	542.74			
1017	1:42	617.4	+ .1	617.5	683.75	44.10	- 9.61	508.64	543.13			
1018	1:46	523.3	+ .2	523.5	682.15	44.00	- 9.41	499.60	534.19			
1019	1:51	524.3	+ .2	524.5	680.85	43.91	- 9.20	499.50	534.21			
1020	1:55	522.0	+ .2	522.2	679.70	43.84	- 9.00	499.27	534.11			
1021	2:01	520.1	+ .2	520.3	678.10	43.74	- 8.84	499.09	533.99			
1022	2:05	519.0	+ .2	519.2	676.95	43.66	- 8.66	498.98	533.98			
1023	2:09	524.2	+ .2	524.4	669.20	43.16	- 9.03	499.49	533.62			
1024	2:14	524.8	+ .2	525.0	670.85	43.27	- 9.21	499.55	533.61			
1025	2:19	526.5	+ .3	526.8	671.60	43.32	- 9.42	499.72	533.62			
1026	2:22	527.4	+ .3	527.7	673.05	43.41	- 9.61	499.81	533.61			
1027	2:27	529.0	+ .3	529.3	674.35	43.50	- 9.87	499.97	533.60			
1028	2:32	529.4	+ .3	529.7	676.90	43.66	-10.09	500.01	533.58			
1029	2:37	531.1	+ .3	531.4	677.20	43.68	-10.34	500.18	533.52			
1030	2:41	531.8	+ .3	532.1	678.45	43.76	-10.55	500.25	533.46			
1031	2:46	533.9	+ .3	533.2	679.35	43.82	-10.78	500.35	533.39			
1032	2:50	534.0	+ .3	534.3	680.65	43.90	-11.00	500.46	533.36			
1033	2:55	537.2	+ .3	537.5	683.30	44.07	-11.42	500.78	533.43			
1034	2:59	539.7	+ .3	540.0	684.95	44.18	-11.69	501.02	533.51			
1035	3:03	538.5	+ .3	538.8	687.35	44.33	-11.98	500.90	533.25			
1036	3:08	537.5	+ .3	537.8	688.20	44.39	-12.19	500.81	533.01			
1037	3:12	537.6	+ .3	537.9	688.90	44.43	-12.41	500.82	532.84			
1038	3:19	537.8	+ .3	538.1	689.25	44.46	-12.61	500.84	533.69			
1039	3:23	537.5	+ .3	537.8	689.75	44.49	-12.80	500.81	532.50			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. 016

Density 2.3

Date **July 14th, 1967.**

Meter Const. .09833

Comb. Free Air-Corr. Const. **.0645**[illegible]

SHEET NO. 31OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET
 Job Pine Point Inst. No. 816 Density 2.3
 Date July 15th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	7:40	529.4	0	529.4	763.89	49.27	- 6.53	500.00	542.74			
1051	8:10	545.8	0	545.8	672.40	43.37	-15.76	501.61	529.22			
1052	8:13	543.0	0	543.0	676.35	43.62	-15.58	501.34	529.38			
1053	8:18	542.0	+1	542.1	678.65	43.77	-15.49	501.25	529.53			
1054	8:22	539.9	+1	540.0	680.35	43.88	-15.19	501.04	529.73			
1055	8:27	537.9	+1	538.0	682.20	44.00	-14.97	500.85	529.88			
1056	8:31	536.9	+1	537.0	683.05	44.06	-14.78	500.75	530.03			
1057	8:36	535.6	+1	535.7	684.65	44.16	-14.56	500.62	530.22			
1058	8:40	534.8	+1	534.9	685.95	44.24	-14.37	500.54	530.41			
1059	8:45	533.8	+1	533.9	687.20	44.32	-14.18	500.44	530.58			
1060	8:50	533.6	+2	533.8	688.10	44.38	-13.91	500.43	530.90			
1061	8:56	533.8	+2	534.0	688.85	44.43	-13.68	500.45	531.20			
1062	9:01	534.2	+2	534.4	688.95	44.44	-13.48	500.49	531.45			
1063	9:05	534.1	+2	534.3	689.05	44.44	-13.25	500.48	531.67			
1064	9:09	533.8	+3	534.1	688.45	44.41	-13.04	500.46	531.83			
1065	9:14	533.6	+3	533.9	687.90	44.37	-12.81	500.44	532.00			
1066	9:18	536.7	+3	537.0	682.20	44.00	-12.61	500.75	532.14			
1067	9:23	533.1	+3	533.4	686.45	44.28	-12.38	500.39	532.29			
1068	9:28	533.1	+4	533.5	684.95	44.18	-12.18	500.40	532.40			
1069	9:33	532.6	+4	533.0	684.05	44.12	-11.97	500.35	532.50			
1070	9:37	531.6	+4	532.0	683.20	44.07	-11.74	500.26	532.59			
1071	9:42	530.7	+5	531.2	683.05	44.06	-11.56	500.18	532.68			
Base 500	10:15	528.8	+6	529.4	763.89	49.27	- 6.53	500.00	542.74			

**OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET**

SHEET NO. 32

Job Pine Point Inst. No. 016 Density 2.3
Date July 15th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	10:15	528.8	0	528.8	763.89	49.27	- 6.53	500.00	542.74			
1072	10:47	536.8	-.1	536.7	670.85	43.27	-11.31	500.78	532.74			
1073	10:52	535.9	-.1	535.8	669.90	43.21	-11.11	500.69	532.79			
1074	10:57	535.0	-.1	534.9	668.35	43.11	-10.84	500.60	532.87			
1075	11:01	533.8	-.1	533.7	667.40	43.05	-10.62	500.48	532.91			
1076	11:06	533.2	-.1	533.1	666.10	42.96	-10.42	500.42	532.96			
1077	11:11	531.7	-.2	531.5	665.80	42.94	-10.19	500.27	533.02			
1078	11:23	541.1	-.2	540.9	673.95	43.47	-12.52	501.19	532.14			
1079	11:28	542.3	-.3	542.0	671.50	43.31	-12.62	501.30	531.99			
1080	11:33	543.7	-.3	543.4	669.85	43.21	-12.73	501.44	531.92			
1081	11:40	545.5	-.3	545.2	668.05	43.09	-12.84	501.61	531.86			
1082	11:48	546.2	-.4	545.8	667.70	43.07	-12.90	501.67	531.84			
1083	11:51	547.8	-.4	547.4	666.35	42.98	-13.00	501.83	531.81			
1084	11:56	549.1	-.4	548.7	665.50	42.92	-13.10	501.96	531.78			
1085	12:01	550.2	-.5	549.7	664.90	42.89	-13.19	502.06	531.76			
1086	12:05	551.9	-.5	551.4	664.10	42.83	-13.27	502.22	531.78			
Base 500	12:40	529.5	-.7	528.8	763.89	49.27	- 6.53	500.00	542.74			
Base 500	12:40	529.5	0	529.5	763.89	49.27	- 6.53	500.00	542.74			
1087	1:20	539.8	-.2	539.6	678.60	43.77	-12.35	500.99	532.41			
1088	1:24	539.4	-.2	539.2	680.05	43.86	-12.25	500.95	532.56			
1089	1:30	539.2	-.2	539.0	681.85	43.98	-12.16	500.93	532.75			
1090	1:35	538.5	-.3	538.2	684.70	44.16	-12.06	500.86	532.96			
1091	1:43	539.5	-.3	539.2	688.10	44.38	-13.12	500.95	532.21			
1092	1:47	539.8	-.3	539.5	685.60	44.22	-13.20	500.98	532.00			

SHEET NO. 23OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 016Density 2.3Date July 15th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
1093	1:51	540.6	-.3	540.3	682.50	44.02	-13.30	501.06	531.78			
1094	1:56	540.9	-.3	540.6	680.85	43.91	-13.38	501.09	531.62			
Base 500	2:33	529.7	-.2	529.5	763.89	49.27	- 6.53	500.00	542.74			
July 16th, 1967.												
Base 500	7:45	529.0	0	529.5	763.89	49.27	- 6.53	500.00	542.74			
1100	7:58	544.0	0	544.0	732.65	47.26	- 6.14	501.43	542.55			
1101	8:02	546.1	-.1	546.0	731.20	47.16	- 6.02	501.62	542.76			
1102	8:07	549.7	-.1	549.6	728.75	47.00	- 5.92	501.98	543.06			
1103	8:11	548.5	-.2	548.3	729.90	46.95	-5.81	501.85	542.99			
1104	8:15	550.0	-.2	548.8	727.10	46.90	- 5.70	501.90	543.10			
1105	8:20	549.5	-.2	549.3	726.85	46.88	- 5.56	501.93	543.27			
1106	8:26	551.2	-.2	551.0	725.20	46.78	- 5.46	502.11	543.43			
1107	8:31	552.8	-.3	552.5	723.50	46.67	- 5.35	502.26	543.58			
1108	8:36	553.4	-.3	553.1	722.95	46.63	- 5.23	502.32	543.72			
1109	8:41	554.0	-.3	553.7	722.05	46.57	- 5.14	502.38	543.81			
1110	8:46	554.3	-.4	553.9	721.35	46.53	- 5.02	502.40	543.91			
1111	8:51	554.6	-.4	554.2	720.50	46.47	- 4.93	502.43	543.97			
1112	8:57	555.0	-.5	554.5	719.20	46.39	- 4.85	502.46	544.00			
1113	9:03	548.8	-.5	548.3	727.65	46.93	- 4.59	501.85	544.19			
1114	9:06	543.7	-.5	543.2	734.15	47.35	- 4.38	501.35	544.32			
1115	9:10	539.7	-.5	539.2	739.10	47.67	- 4.17	500.95	544.45			
1116	9:15	535.3	-.5	534.8	746.95	48.17	- 3.99	500.52	544.70			
1117	9:20	531.3	-.6	530.7	753.50	48.60	- 3.80	500.12	544.92			

SHEET NO. 34OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 916Density 2.3Date July 16th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0643

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVATION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
1118	9:24	527.3	-.6	526.7	760.25	49.04	-3.59	499.72	545.17			
1119	9:28	526.1	-.6	525.5	762.40	49.17	-3.28	499.61	545.30			
1120	9:33	524.7	-.7	524.0	765.15	49.35	-3.07	499.46	545.74			
1121	9:39	525.3	-.7	524.6	764.85	49.33	-2.86	499.52	545.99			
1122	9:43	525.6	-.7	524.9	763.15	49.22	-2.65	499.55	546.12			
1123	9:48	525.3	-.7	524.6	762.45	49.18	-2.45	499.52	546.25			
Base108	10:02	530.3	-.8	529.5	763.89	49.27	-6.53	500.00	542.74			
Base105	10:02	530.3	0	530.3	763.89	49.27	-6.53	500.00	542.74			
1124	10:10	545.3	0	545.3	703.15	45.48	-5.09	503.44	543.83			
1125	10:14	570.2	0	570.2	698.65	45.06	-5.30	503.92	543.68			
1126	10:17	583.3	0	583.3	678.30	43.75	-5.45	505.21	543.51			
1127	10:23	590.1	0	590.1	666.15	42.97	-5.63	505.88	543.22			
1128	10:29	596.5	0	596.5	654.05	42.19	-5.80	506.51	542.90			
1129	10:32	600.0	0	600.0	647.50	41.76	-5.99	506.85	542.62			
1130	10:36	603.9	0	603.9	640.05	41.28	-6.18	507.24	542.34			
1131	10:41	617.1	0	617.1	620.85	40.04	-6.38	508.54	542.20			
1132	10:46	630.6	0	630.6	600.10	38.71	-6.58	509.86	541.99			
1133	10:50	632.9	0	632.9	596.05	38.45	-6.76	510.09	541.78			
1134	10:55	635.5	0	635.5	592.40	38.21	-6.94	510.34	541.61			
1135	10:59	637.6	0	637.6	588.65	37.97	-7.12	510.55	541.40			
1136	11:04	640.7	0	640.7	583.15	37.61	-7.28	510.86	541.19			
1137	11:09	642.1	0	642.1	579.45	37.37	-7.47	511.00	540.90			
1138	11:14	644.0	0	644.0	574.65	37.06	-7.65	511.18	540.59			
1139	11:19	647.0	0	647.0	569.90	36.76	-7.86	511.48	540.38			

SHEET NO. 35OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 016Density 2.3Date July 16th, 1967.Meter Const. .09033Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
1140	11:24	649.8	+1	649.9	563.20	36.46	-8.02	511.76	540.20			
1141	11:30	652.0	+1	652.1	561.65	36.23	-8.18	511.98	540.03			
1142	11:35	651.2	+1	651.3	562.70	36.29	-8.30	511.90	539.89			
1143	11:41	650.8	+1	650.9	562.65	36.29	-8.41	511.86	539.74			
1144	11:47	650.4	+1	650.5	562.60	36.29	-8.53	511.82	539.58			
1145	11:52	649.6	+1	649.7	562.75	36.30	-8.62	511.74	539.42			
1146	11:58	649.4	+2	649.6	562.85	36.30	-8.74	511.73	539.29			
1147	12:03	649.0	+2	649.2	562.80	36.30	-8.86	511.69	539.13			
1148	12:07	648.7	+2	648.9	562.90	36.31	-8.95	511.66	539.02			
1149	12:12	645.1	+2	645.3	563.05	36.32	-9.03	511.31	538.60			
1150	12:16	642.2	+2	642.4	563.15	36.32	-9.15	511.02	538.19			
1151	12:31	649.5	+3	649.8	562.05	36.25	-8.02	511.75	539.98			
1152	12:36	650.5	+3	650.8	562.50	36.28	-7.92	511.85	540.21			
1153	12:41	652.0	+3	652.3	562.85	36.30	-7.80	512.00	540.50			
1154	12:45	653.0	+3	653.3	563.10	36.32	-7.69	512.09	540.72			
1155	12:50	654.0	+3	654.3	563.25	36.33	-7.58	512.19	540.94			
Base 500	1:11	530.0	+3	530.3	763.89	49.27	-6.53	500.00	542.74			
Base 500	1:30	530.0	+0	530.0	763.89	49.27	-6.53	500.00	542.74			
1156	1:47	528.6	0	528.6	754.85	48.69	-3.12	499.86	545.43			
1157	1:51	531.5	0	531.5	752.20	48.52	-2.89	500.15	545.78			
1158	1:56	534.8	0	534.8	751.95	48.49	-2.65	500.47	546.31			
1159	1:59	536.6	0	536.5	751.10	48.45	-2.41	500.64	546.68			
1160	2:05	540.1	0	540.1	745.35	48.08	-2.20	500.99	546.87			
1161	2:09	542.1	0	542.1	744.05	47.99	-2.00	501.19	547.18			

SHEET NO. 36OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 016Density 2.3Date July 16th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
1162	2:15	544.0	0	544.0	742.65	47.90	-1.76	501.38	547.52			
1163	2:20	542.6	0	542.6	741.70	47.84	-1.57	501.24	547.51			
1164	2:24	540.7	0	540.7	740.15	47.74	-1.37	501.05	547.42			
1165	2:32	542.8	0	542.8	742.10	47.87	-1.20	501.26	547.93			
1166	2:37	542.7	0	542.7	745.15	48.06	-1.42	501.25	547.89			
1167	2:43	542.7	0	542.7	747.75	48.23	-1.62	501.25	547.86			
1168	2:49	541.4	0	541.4	750.95	48.44	-1.78	501.12	547.78			
1169	2:54	538.8	0	538.8	753.80	48.62	-1.95	500.87	547.54			
1170	2:59	537.2	0	537.2	755.50	48.73	-2.12	500.71	547.32			
1171	3:03	535.2	0	535.2	757.70	48.87	-2.32	500.51	547.06			
1172	3:08	531.7	0	531.7	760.15	49.03	-2.50	500.17	546.70			
Base 500	3:26	530.0	0	530.0	763.89	49.27	-6.53	500.00	542.74			
July 17th, 1967.												
Base 500	7:30	528.7	0	528.7	763.89	49.27	-6.53	500.00	542.74			
1173	7:48	527.0	0	527.0	760.85	49.07	-2.92	499.83	545.98			
1174	7:53	532.5	0	532.5	751.20	48.45	-3.15	500.37	545.67			
1175	7:57	537.7	0	537.7	739.80	47.72	-3.35	500.88	545.25			
1176	8:03	548.1	0	548.1	722.15	46.58	-3.52	501.91	544.97			
1177	8:08	556.3	0	556.3	713.45	46.02	-3.70	502.71	545.03			
1178	8:13	561.4	0	561.4	705.80	45.52	-3.92	503.22	544.82			
1179	8:18	570.3	0	570.3	691.85	44.62	-4.15	504.09	544.56			
1180	8:23	578.0	+1	578.1	680.15	43.87	-4.37	504.86	544.36			
1181	8:29	588.9	+1	589.0	662.50	42.73	-4.56	505.93	544.10			

SHEET NO. 37OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine Point Inst. No. #16 Density 2.3Date July 17th, 1967. Meter Const. .09231 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
1182	8:33	598.5	+1	598.6	648.25	41.81	-4.76	506.87	543.92			
1183	8:38	610.1	+1	610.2	631.20	40.71	-4.97	508.01	543.75			
1184	8:44	620.4	+2	620.6	615.80	39.72	-5.15	509.04	543.61			
1185	9:00	631.9	+2	632.1	599.10	38.64	-5.35	510.17	543.46			
1186	9:04	636.3	+2	636.5	592.45	38.21	-5.54	510.60	543.27			
1187	9:09	641.2	+3	641.5	585.50	37.76	-5.72	511.09	543.13			
1188	9:15	645.2	+3	645.5	579.60	37.38	-5.95	511.48	542.91			
1189	9:20	650.3	+3	650.6	572.35	36.92	-6.15	511.99	542.76			
1190	9:24	656.0	+3	656.3	564.20	36.39	-6.34	512.55	542.60			
1191	9:29	660.1	+3	660.4	558.85	36.05	-6.54	512.95	542.46			
1192	9:35	659.8	+3	660.1	559.10	36.06	-6.64	512.92	542.34			
1193	9:38	657.8	+4	658.2	561.05	36.19	-6.72	512.73	542.20			
1194	9:42	657.8	+4	658.2	561.10	36.19	-6.86	512.73	542.06			
1195	9:46	657.0	+4	657.4	561.20	36.20	-6.97	512.66	541.89			
Base 500	10:08	528.2	+5	528.7	763.89	49.27	-6.53	500.00	542.74			
Base 500	10:08	528.2	0	528.2	763.89	49.27	-6.53	500.00	542.74			
1196	10:31	655.7	+1	655.8	561.85	36.24	-7.05	512.55	541.74			
1197	10:36	655.3	+1	655.4	561.95	36.25	-7.18	512.51	541.58			
1198	10:41	654.4	+1	654.5	562.25	36.27	-7.27	512.42	541.42			
1199	10:47	653.9	+1	654.0	562.50	36.28	-7.38	512.37	541.27			
1200	10:52	653.2	+1	653.3	562.65	36.29	-7.49	512.30	541.10			
1201	11:03	652.2	0	652.2	567.70	36.62	-6.89	512.19	541.92			
1202	11:08	649.1	0	649.1	572.50	36.93	-6.68	511.89	542.14			
1203	11:15	644.8	0	644.8	579.15	37.36	-6.52	511.47	542.31			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job File Print Inst. No. 016 Density 2.3
Date July 17th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

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SHEET NO. 22OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 416Density 2.3Date July 13th, 1967.Meter Const. .02833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	7:45	530.1	0	530.1	753.89	49.27	-6.53	540.00	542.74			
871	7:59	555.4	0	555.4	691.20	44.58	-7.88	542.49	539.19			
872	8:04	560.7	0	560.7	678.35	43.75	-8.12	543.01	538.64			
873	8:09	570.0	0	570.0	650.75	42.62	-8.35	543.92	538.19			
874	8:15	573.8	0	573.8	652.30	42.07	-8.56	544.30	537.81			
875	8:20	575.3	0	575.3	647.75	41.78	-8.74	544.44	537.48			
876	8:24	578.5	+1	578.6	641.35	41.37	-8.98	544.77	537.16			
877	8:29	582.3	+1	582.4	633.70	40.87	-9.20	545.14	536.81			
878	8:34	586.8	+1	586.9	624.85	40.30	-9.40	545.59	536.49			
879	8:38	595.8	+1	595.9	612.10	39.48	-9.61	546.47	536.34			
880	8:50	627.4	+2	627.6	572.30	36.91	-9.75	549.59	536.75			
881	8:54	630.0	+2	630.2	569.90	36.76	-9.66	549.84	536.94			
882	8:59	631.6	+2	631.8	568.75	36.68	-9.56	510.00	537.12			
883	9:03	634.9	+2	635.1	566.35	36.53	-9.48	510.32	537.37			
884	9:08	636.9	+2	637.1	564.85	36.43	-9.37	510.52	537.58			
885	9:13	639.6	+2	639.8	563.20	36.33	-9.25	510.79	537.87			
886	9:27	621.2	+3	621.5	579.95	37.41	-9.58	508.99	536.82			
887	9:31	617.2	+3	617.5	585.85	37.79	-9.42	508.59	536.96			
888	9:36	612.3	+4	612.7	592.65	38.23	-9.23	508.12	537.12			
889	9:40	607.8	+4	608.2	599.90	38.69	-9.07	507.68	537.30			
890	9:43	600.2	+4	600.6	611.25	39.43	-8.85	506.93	537.51			
891	9:49	594.1	+4	594.5	621.10	40.06	-8.67	506.33	537.72			
892	9:52	588.7	+4	589.1	630.85	40.69	-8.58	505.80	537.91			
893	9:57	584.8	+5	585.3	637.60	41.13	-8.32	505.43	538.24			

SHEET NO. 23OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET
 Job Pine Point Inst. No. 016 Density 2.3
 Date July 13th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0045

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
894	10:01	581.4	+1	582.1	646.75	41.72	-8.11	305.11	330.72			
895	10:04	580.4	+1	580.9	653.20	42.13	-7.88	305.00	330.25			
896	10:10	577.1	+1	577.6	661.80	42.69	-7.45	304.67	330.71			
897	10:14	578.9	+1	571.4	674.35	43.20	-7.42	304.86	340.14			
Base 898	10:20	529.3	+4	529.1	763.89	49.27	-6.53	300.00	342.74			
Base 899	10:20	529.5	0	529.5	763.89	49.27	-6.53	300.00	342.74			
900	10:40	533.2	0	533.2	710.35	45.82	-9.92	300.36	336.36			
901	10:52	536.5	0	536.5	705.40	45.51	-10.13	300.60	336.07			
902	10:56	539.3	0	539.3	698.85	45.08	-10.31	300.96	335.73			
903	11:00	542.0	0	542.0	691.30	44.58	-10.49	301.23	335.32			
904	11:12	542.2	-1	542.1	715.60	46.16	-9.40	300.24	337.00			
905	11:17	533.4	-1	533.3	714.90	46.11	-9.20	300.87	337.28			
906	11:21	535.4	-1	535.3	713.65	46.03	-9.00	300.57	337.60			
907	11:26	537.3	-1	537.2	712.70	45.97	-8.81	300.76	337.92			
908	11:31	541.8	-1	541.7	710.15	45.80	-8.40	301.20	338.60			
909	11:36	542.5	-1	542.4	708.80	45.72	-8.20	301.27	338.79			
910	11:42	542.8	-2	542.6	707.85	45.66	-8.00	301.29	338.95			
911	11:47	546.9	-2	544.7	705.25	45.40	-7.79	301.49	339.19			
912	11:52	546.4	-2	546.2	704.05	45.41	-7.59	301.64	339.46			
913	12:00	548.6	-2	548.4	701.35	45.24	-7.40	301.86	339.70			
914	12:05	550.6	-2	550.4	698.70	45.07	-7.21	302.06	339.92			
915	12:09	550.2	-3	549.9	697.85	45.01	-7.01	302.01	340.01			
916	12:15	548.5	-3	548.2	696.65	44.93	-6.80	301.84	339.97			
Base 900	12:30	529.9	-4	529.3	763.89	49.27	-6.53	300.00	342.74			

SHEET NO. 24OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine Point Inst. No. 816 Density 2.3Date July 13th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	1:05	530.0	0	530.0	763.89	49.27	-6.53	500.00	542.74			
917	1:23	542.1	0	542.1	701.15	45.22	-9.28	501.19	537.13			
918	1:28	542.7	0	542.7	699.95	45.15	-9.12	501.25	537.28			
919	1:32	543.4	0	543.4	698.65	45.06	-8.92	501.32	537.46			
920	1:37	543.8	0	543.8	697.10	44.96	-8.71	501.36	537.61			
921	1:42	544.0	0	544.0	695.25	44.84	-8.53	501.38	537.69			
922	1:46	544.0	0	544.0	694.05	44.77	-8.35	501.38	537.80			
923	1:51	543.1	0	543.1	693.65	44.74	-8.11	501.29	537.92			
924	1:58	543.6	0	543.6	691.20	44.58	-7.89	501.34	538.03			
925	2:03	542.7	0	542.7	690.85	44.56	-7.72	501.25	538.09			
926	2:06	542.2	0	542.2	688.70	44.42	-7.51	501.20	538.11			
927	2:11	545.7	0	545.7	679.20	43.81	-7.33	501.54	538.02			
928	2:16	554.2	0	554.2	662.45	42.73	-7.13	502.38	537.98			
929	2:32	539.7	+1	539.8	702.95	45.34	-9.62	500.96	536.68			
930	2:37	537.6	+1	537.7	703.20	45.36	-9.80	500.76	536.32			
931	2:41	534.5	+1	534.6	704.65	45.45	-9.98	500.45	535.92			
932	2:47	532.3	+1	532.4	705.85	45.53	-10.17	500.24	535.60			
933	2:52	533.4	+1	533.5	703.90	45.40	-10.32	500.34	535.42			
934	2:57	533.4	+1	533.5	703.05	45.35	-10.50	500.34	535.19			
935	3:02	533.1	+1	533.3	702.60	45.32	-10.68	500.32	534.96			
936	3:06	528.7	+2	528.9	701.10	45.22	-10.86	499.89	534.25			
937	3:11	530.5	+2	530.7	698.20	45.03	-11.06	500.07	534.04			
938	3:16	537.0	+2	537.2	696.40	44.92	-11.26	500.71	534.37			
939	3:21	541.3	+2	541.5	694.50	44.80	-11.47	501.13	534.19			

SHEET NO. 25OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. #16Density 2.3Date July 13th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
940	3:26	543.3	+2	543.5	687.25	44.33	-11.87	501.33	533.79			
941	3:30	548.4	+2	548.6	688.05	43.86	-12.05	501.83	533.64			
942	3:35	553.7	+3	554.0	672.80	43.40	-12.29	502.36	533.47			
Base 500	3:50	529.7	+3	530.0	763.89	49.27	-6.53	500.00	542.74			
Base 500	3:50	529.7	+3	530.0	763.89	49.27	-6.53	500.00	542.74			
943	4:11	539.5	0	539.5	694.20	44.78	-12.15	500.93	533.56			
944	4:14	539.5	0	539.5	694.68	44.81	-11.95	500.93	533.79			
945	4:19	537.2	0	537.2	698.35	45.04	-11.75	500.71	534.00			
946	4:24	535.6	0	535.6	699.85	45.14	-11.57	500.55	534.12			
947	4:28	534.0	0	534.0	701.60	45.25	-11.36	500.39	534.28			
948	4:33	532.2	0	532.2	703.15	45.35	-11.15	500.22	534.42			
949	4:37	530.9	0	530.9	704.80	45.46	-10.95	500.09	534.60			
950	4:41	531.6	0	531.6	703.15	45.35	-10.72	500.16	534.79			
951	4:48	522.7	0	532.7	702.90	45.34	-10.52	500.27	535.09			
952	4:51	534.5	0	534.5	701.40	45.24	-10.31	500.44	535.37			
953	4:56	535.3	0	535.3	700.85	45.20	-10.12	500.52	535.60			
954	5:00	538.0	0	538.0	697.45	44.99	- 9.69	500.79	536.09			
955	5:04	540.7	0	540.7	695.95	44.89	- 9.49	501.05	536.45			
956	5:09	541.2	-1	541.1	694.80	44.81	- 9.31	501.09	536.59			
957	5:12	542.6	-1	542.5	693.60	44.74	- 9.09	501.23	536.88			
958	5:16	542.8	-1	542.7	692.05	44.64	-8 .87	501.25	537.02			
959	5:21	541.6	-1	541.5	690.10	44.51	- 8.62	501.13	537.02			
960	5:26	538.7	-1	538.6	689.30	44.46	- 8.44	500.85	536.87			
961	5:32	536.9	-1	536.8	687.80	44.38	- 8.25	500.67	536.78			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 416 Density 2.3
Date July 13th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

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SHEET NO. 27OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET
 Job Pine Point Inst. No. #16 Density 2.3
 Date July 14th, 1967. Meter Const. .02833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	8:05	529.2	0	529.2	763.89	49.27	-6.53	500.00	542.74			
974	8:29	535.2	-.1	535.1	698.20	45.03	-10.55	500.58	535.06			
975	8:33	533.2	-.1	533.1	700.05	45.15	-10.76	500.38	534.77			
976	8:38	531.9	-.1	531.8	700.85	45.20	-10.95	500.26	534.51			
977	8:42	531.1	-.1	531.0	701.20	45.23	-11.17	500.18	534.24			
978	8:45	529.9	-.2	529.7	702.65	45.32	-11.39	500.05	533.98			
979	8:50	531.6	-.2	531.4	703.45	45.37	-11.58	500.22	534.01			
980	8:54	532.7	-.2	532.5	702.95	45.34	-11.77	500.32	533.89			
981	8:59	532.4	-.2	532.2	702.15	45.29	-11.94	500.29	533.64			
982	9:03	532.8	-.2	532.6	701.75	45.26	-12.12	500.33	533.47			
983	9:08	534.2	-.3	533.9	701.10	45.22	-12.30	500.46	533.38			
984	9:13	536.1	-.3	535.8	698.80	45.07	-12.48	500.65	533.24			
985	9:19	538.1	-.3	537.8	697.65	45.00	-12.65	500.85	533.20			
986	9:22	534.7	-.3	534.4	694.85	44.82	-12.92	500.51	532.41			
987	9:26	541.3	-.3	541.0	692.90	44.69	-13.12	501.16	532.73			
988	9:31	542.9	-.4	542.5	691.05	44.57	-13.31	501.31	532.57			
989	9:37	544.7	-.4	544.3	689.75	44.49	-13.53	501.48	532.44			
990	9:41	549.9	-.4	549.5	682.25	44.01	-13.70	502.00	532.31			
991	9:46	558.8	-.5	558.3	670.50	43.25	-13.92	502.86	532.19			
992	9:51	561.3	-.5	560.8	668.20	43.10	-14.12	503.11	532.09			
993	9:56	566.5	-.5	566.0	654.65	42.22	-14.30	503.62	531.54			
994	10:01	577.8	-.5	577.3	641.35	41.37	-14.49	504.73	531.61			
995	10:06	584.8	-.6	584.2	628.70	40.55	-14.68	505.41	531.28			
996	10:11	595.0	-.6	594.4	612.65	39.52	-14.82	506.41	531.11			

OVERLAND EXPLORATION SERVICES LTD. GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. 016

Density **2.3**

Date July 11th, 1967.

Meter Const. .09833

Comb. Free Air-Corr. Const. .0645[illegible]

SHEET NO. 17OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. #16Density 2.3Date July 11th, 1967.Meter Const. .09033Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
767	11:40	540.7	-.6	540.1	702.95	45.34	-9.66	501.11	536.79			
768	11:44	541.3	-.6	540.7	702.90	45.34	-9.60	501.17	536.91			
Base 300	11:55	529.5	-.7	528.8	763.89	49.27	-6.53	500.00	542.74			
Base 300	12:30	529.5	0	529.5	763.89	49.27	-6.53	500.00	542.74			
769	12:38	530.0	0	530.0	748.20	48.26	-6.81	500.05	541.50			
770	12:43	527.6	0	527.6	740.85	47.78	-6.40	499.81	541.19			
771	12:48	529.3	0	529.3	736.25	47.49	-6.18	499.98	541.29			
772	12:52	531.8	0	531.8	731.90	47.21	-5.97	500.23	541.47			
773	12:56	535.4	0	535.4	726.10	46.83	-5.75	500.58	541.66			
774	1:01	537.6	0	537.6	723.35	46.66	-5.54	500.80	541.92			
775	1:06	539.3	0	539.3	721.05	46.51	-5.28	500.96	542.19			
776	1:20	534.4	0	534.4	737.20	47.55	-7.21	500.48	540.82			
777	1:25	535.1	0	535.1	732.60	47.25	-7.40	500.55	540.40			
778	1:29	537.1	0	537.1	725.70	46.81	-7.60	500.75	539.96			
779	1:33	541.7	0	541.7	718.35	46.33	-7.83	501.20	539.70			
780	1:39	546.7	0	546.7	710.40	45.82	-8.03	501.69	539.48			
781	1:43	546.2	0	546.2	703.75	45.39	-8.28	501.64	538.75			
782	1:48	544.2	0	544.2	702.90	45.34	-8.51	501.45	538.18			
784	1:57	535.9	0	535.9	701.2	45.23	-8.97	500.63	536.89			
785	2:01	533.8	0	533.8	699.80	45.14	-9.18	500.42	536.38			
786	2:05	552.4	+1	552.5	682.10	44.08	-9.40	502.26	536.86			
787	2:10	551.4	+1	551.5	676.45	43.63	-9.60	502.16	536.19			
788	2:14	541.8	+1	541.9	684.65	44.16	-9.80	501.22	536.58			
783	1:52	539.0	0	539.0	702.95	45.34	-8.77	500.93	537.50			

SHEET NO. 10OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 416Density 2.3Date July 11th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
788	2:18	532.3	+1	532.4	699.35	45.11	-9.61	500.29	535.79			
789	2:23	534.0	+2	534.2	701.20	45.23	-9.62	500.46	536.27			
791	2:30	535.8	+2	536.0	703.95	45.40	-9.21	500.66	536.83			
Base 500	2:55	529.2	+3	529.5	763.89	49.27	-6.53	500.00	542.74			
July 12th, 1967.												
Base 500	8:05	529.5	0	529.5	763.89	49.27	-6.53	500.00	542.74			
792	8:17	535.5	-1	535.4	711.25	45.88	-8.91	500.58	537.55			
793	8:21	536.5	-1	536.4	717.65	46.29	-8.70	500.68	538.27			
794	8:25	536.5	-1	536.4	723.20	46.65	-8.52	500.68	538.81			
795	8:30	536.5	-2	536.3	728.85	47.01	-8.29	500.47	539.19			
796	8:34	532.4	-2	532.2	732.15	47.22	-8.10	500.27	539.39			
797	8:39	535.0	-3	534.7	728.65	47.00	-7.89	500.51	539.62			
798	8:43	538.6	-3	538.3	723.35	46.66	-7.64	500.87	539.89			
799	8:49	541.3	-3	541.0	720.65	46.48	-7.42	501.13	540.19			
800	8:54	541.4	-4	541.0	716.10	46.19	-6.96	501.13	540.36			
801	9:00	542.6	-4	542.2	712.95	45.99	-6.75	501.25	540.49			
802	9:04	546.7	-4	546.3	707.70	45.65	-6.51	501.65	540.79			
803	9:09	548.8	-5	548.3	704.65	45.45	-6.30	501.85	541.00			
804	9:15	550.7	-5	550.2	701.20	45.23	-6.11	502.04	541.16			
805	9:19	551.9	-5	551.4	698.95	45.08	-5.92	502.15	541.31			
806	9:24	552.5	-5	552.0	697.20	44.97	-5.70	502.21	541.48			
807	9:29	550.2	-6	549.6	697.80	45.01	-6.21	501.98	540.78			

SHEET NO. 19OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. #16Density 2.3Date July 12th, 1967.Meter Const. .09833Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
808	9:33	550.7	-.6	550.1	698.95	45.08	-6.39	502.03	540.72			
809	9:38	551.0	-.6	550.4	700.05	45.15	-6.61	502.06	540.60			
810	9:41	549.2	-.6	548.6	703.85	45.40	-6.80	501.88	540.48			
811	9:46	547.8	-.7	547.1	707.20	45.61	-7.00	501.73	540.34			
812	9:51	545.0	-.7	544.3	712.35	45.95	-7.18	501.46	540.23			
813	9:56	544.3	-.7	543.6	715.65	46.16	-7.39	501.39	540.16			
814	10:00	540.2	-.7	539.5	719.10	46.38	-7.60	500.98	539.76			
Base 500	10:14	530.2	-.7	529.5	763.89	49.27	-6.53	500.00	542.74			
Base 500	10:14	530.2	0	530.2	763.89	49.27	-6.53	500.00	542.74			
815	10:30	539.7	0	539.7	722.15	46.58	-7.95	500.93	539.56			
816	10:34	538.6	0	538.6	722.95	46.63	-8.17	500.83	539.29			
817	10:40	538.6	0	538.6	723.10	46.64	-8.35	500.83	539.12			
818	10:45	537.5	0	537.5	724.65	46.74	-8.56	500.72	538.90			
819	10:49	536.3	0	536.3	725.05	46.64	-8.76	500.60	538.48			
820	10:54	535.8	0	535.8	721.20	46.52	-8.94	500.55	538.13			
821	10:57	536.9	0	536.9	718.30	46.33	-9.12	500.66	537.87			
822	11:03	538.8	0	538.8	710.15	45.80	-9.45	500.85	537.20			
823	11:08	538.5	0	538.5	706.70	45.58	-9.80	500.82	536.60			
824	11:12	539.0	0	539.0	703.15	45.35	-9.98	500.87	536.24			
825	11:17	539.8	0	539.8	698.05	45.02	-10.18	500.94	535.78			
826	11:21	540.7	0	540.7	692.80	44.69	-10.35	501.03	535.37			
827	11:45	538.9	+1	539.0	714.15	46.06	-8.68	500.87	538.25			
828	11:50	539.0	+1	539.1	717.60	46.29	-8.62	500.88	538.55			
829	11:54	538.9	+1	539.0	721.55	46.59	-8.54	500.87	538.86			

SHEET NO. 20OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine Point Inst. No. #16 Density 2.3Date July 12th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
830	12:00	538.4	+2	538.6	724.10	46.70	-8.45	500.83	539.08			
831	12:04	547.8	+2	548.0	725.95	46.82	-8.38	501.75	540.19			
832	12:09	545.6	+2	545.8	729.05	47.02	-8.31	501.53	540.24			
833	12:14	543.5	+2	543.7	731.70	47.19	-8.24	501.33	540.28			
834	12:18	530.9	+2	531.1	733.90	47.34	-8.14	500.09	539.29			
835	12:24	530.6	+3	530.9	735.10	47.41	-8.06	500.07	539.42			
Base500	12:33	529.9	+3	530.2	763.89	49.27	-6.53	500.00	542.74			
Base500	1:10	529.8	0	529.8	763.89	49.27	-6.53	500.00	542.74			
836	1:15	534.6	0	534.6	729.20	47.03	-7.87	500.47	539.63			
837	1:21	537.3	0	537.3	723.65	46.68	-7.80	500.74	539.62			
838	1:25	538.3	0	538.3	718.10	46.32	-7.70	500.84	539.46			
839	1:29	540.6	0	540.6	714.90	46.11	-7.75	501.06	539.42			
840	1:33	546.7	0	546.7	708.75	45.71	-7.58	501.66	539.79			
841	1:38	550.00	0	550.00	705.35	45.50	-7.49	501.99	540.00			
842	1:45	552.2	0	552.2	700.65	45.19	-7.42	502.20	539.97			
843	1:50	556.3	0	556.3	696.10	44.90	-7.35	502.61	540.16			
844	1:53	560.7	0	560.7	692.30	44.65	-7.21	503.04	540.48			
845	1:58	558.5	0	558.5	697.20	44.97	-7.02	502.82	540.77			
846	2:02	555.5	0	555.5	705.75	45.52	-6.84	502.53	541.21			
847	2:06	552.0	0	552.0	714.35	46.08	-6.63	502.18	541.63			
848	2:11	548.4	0	548.4	721.10	46.51	-6.45	501.83	541.89			
849	2:16	544.5	0	544.5	730.60	47.12	-6.28	501.45	542.29			
850	2:20	542.0	0	542.0	737.85	47.59	-6.09	501.20	542.70			
851	2:25	536.3	0	536.3	748.95	48.31	-5.87	500.64	543.08			

OVERLAND EXPLORATION SERVICES LTD.

GRAVITY METER CALCULATION SHEET

Job **Pine Point**

Inst. No. 016

Density 2.3

Date July 12th, 1967.

Meter Const. .09833

Comb. Free Air-Corr. Const. .0645[illegible]

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 016 Density 2.3
Date July 10th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0445

[illegible]

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. 416

Density 2.3

Date July 10th, 1967.

Meter Const. .09833

Comb. Free Air-Corr. Const. .0645

[illegible]

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. **#16**

Density 2.3

Date **July 10th, 1967.**

Meter Const. **.09833**

Comb. Free Air-Corr. Const. **.0645**[illegible]

**OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET**

SHEET NO. 15

Job Pine Point

Inst. No. 616

Density 2.3

Date July 11th, 1967

Meter Const. .00033

Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
Base 500	7:40	529.9	0	529.9	763.89	49.27	+ 6.53	500.00	542.74			
722	7:50	535.7	0	535.7	711.60	45.90	+ 8.98	500.57	537.40			
723	8:03	537.1	0	537.1	709.45	45.76	+ 9.00	500.71	537.38			
724	8:08	537.0	0	537.0	708.80	45.72	+ 9.16	500.70	537.36			
725	8:11	538.3	+1	538.4	706.65	45.58	+ 9.24	500.84	537.18			
726	8:15	539.5	+1	539.6	705.05	45.48	+ 9.35	500.85	537.08			
727	8:18	541.1	+1	541.2	703.25	45.36	+ 9.45	501.11	537.02			
728	8:22	540.9	+1	541.0	701.15	45.22	+ 9.53	501.00	536.78			
729	8:28	540.3	+2	540.5	698.05	45.09	+ 9.63	501.04	536.50			
730	8:31	539.3	+2	539.5	698.50	45.05	+ 9.72	500.94	536.27			
731	8:35	538.1	+2	538.3	698.05	45.02	+ 9.80	500.83	536.05			
732	8:40	537.5	+3	537.8	697.70	45.00	+ 9.88	500.78	535.90			
733	8:44	536.9	+3	537.2	697.60	45.00	+ 9.98	500.72	535.76			
734	8:47	536.0	+4	536.4	697.65	45.00	-10.10	500.64	535.54			
735	8:50	534.8	+4	535.2	697.70	45.00	-10.21	500.52	535.31			
736	8:55	534.7	+4	535.1	696.90	44.95	-10.35	500.51	535.11			
737	8:59	534.6	+5	535.1	695.70	44.87	-10.46	500.51	534.92			
738	9:03	534.4	+5	534.9	693.95	44.76	-10.54	500.49	534.71			
739	9:07	533.6	+6	534.2	693.20	44.71	-10.64	500.42	534.49			
740	9:11	533.0	+6	533.6	690.95	44.57	-10.79	500.36	534.14			
741	9:15	533.1	+7	533.8	689.45	44.47	-10.90	500.38	533.95			
742	9:18	533.1	+7	533.8	687.95	44.37	-11.00	500.38	533.75			
743	9:21	532.5	+8	534.3	686.20	44.26	-11.09	500.43	533.60			
744	9:25	534.9	+8	535.7	683.15	44.06	-11.15	500.57	533.48			

SHEET NO. 7OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine Point Inst. No. 016 Density 2.3Date July 9th, 1967. Meter Const. .00833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
B 500	10:38	530.2	0	530.2	763.89	49.27	-6.53	500.00	542.74			
R 599	11:01	480.7	+2.2	480.9	775.96	50.05	+1.60	499.52	551.17			
600	11:05	479.0	+2.3	479.3	781.16	50.38	+1.79	499.50	551.67			
601	11:09	479.0	+2.3	479.3	783.71	50.55	+1.96	499.50	552.01			
602	11:18	478.0	+2.4	478.4	786.26	50.71	+2.15	499.49	552.35			
603	11:22	478.3	+2.4	478.7	786.11	50.70	+2.33	499.49	552.52			
604	11:30	474.0	+2.5	474.5	791.01	51.02	+2.48	499.45	552.95			
605	11:34	469.1	+2.6	469.7	795.71	51.32	+2.67	499.41	553.40			
R 601	11:39	478.3	+2.6	478.9	783.71	50.55	+1.96	499.50	552.01			
B 500	12:13	529.3	+2.9	530.2	763.89	49.27	-6.53	500.00	542.74			
B 500	1:14	528.8	0	528.8	763.89	49.27	-6.53	500.00	542.74			
606	1:19	533.2	0	533.2	759.44	48.98	-6.64	500.04	542.38			
607	1:22	538.8	0	538.8	754.89	48.69	-6.73	500.10	542.06			
608	1:26	546.6	0	546.6	745.29	48.07	-6.99	500.18	541.26			
609	1:30	553.1	+2.1	553.2	737.94	47.60	-7.20	500.24	540.64			
610	1:33	555.6	+2.1	555.7	735.99	47.47	-7.41	500.26	540.32			
611	1:37	558.1	+2.1	558.2	733.39	47.30	-7.59	500.29	540.00			
612	1:41	561.4	+2.1	561.5	733.74	47.33	-7.80	500.32	539.85			
613	1:45	563.6	+2.1	563.7	734.89	47.40	-8.00	500.34	539.74			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. 216

Density 2.3

Date July 9th, 1967.

Meter Const. 00033

Comb. Free Air-Corr. Const. 0645[illegible]

SHEET NO. 9OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET
 Job Pine Point Inst. No. 916 Density 2.3
 Date July 9th, 1967 Meter Const. .00023 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
635	3:18	613.3	+1	613.4	699.07	45.09	- 9.63	500.83	535.49			
R 631	3:26	602.7	+1	602.8	708.92	45.73	- 9.68	500.73	536.78			
R 620	3:34	592.6	+1	592.7	711.59	45.90	- 9.16	500.63	537.39			
Base 500	3:42	528.7	+1	528.8	763.89	49.27	- 6.53	500.00	542.74			
Base 500	5:07	528.4	0	528.4	763.89	49.27	- 6.53	500.00	542.74			
R 635	5:24	613.8	0	613.8	699.07	45.09	-10.63	500.84	535.50			
636	5:28	616.7	0	616.7	696.07	44.90	-10.64	500.87	535.13			
637	5:33	619.4	0	619.4	693.22	44.11	-10.77	500.89	534.83			
638	5:36	621.1	0	621.1	694.97	44.83	-10.98	500.91	534.76			
639	5:39	629.5	0	629.5	691.82	44.62	-11.23	500.99	534.38			
640	5:43	632.5	0	632.5	691.67	44.61	-11.43	501.02	534.20			
641	5:46	636.1	-1	636.0	691.22	44.58	-11.64	501.06	534.00			
642	5:48	634.9	-1	634.8	691.52	44.60	-11.69	501.05	533.96			
643	5:52	631.9	-1	631.8	692.97	44.70	-11.69	501.02	534.03			
644	5:55	632.4	-1	632.3	693.17	44.71	-11.85	501.02	533.88			
645	5:58	633.6	-1	633.5	694.07	44.77	-11.98	501.03	533.82			
646	6:01	634.6	-1	634.5	693.22	44.71	-12.07	501.04	533.68			
647	6:03	638.6	-2	638.4	692.12	44.64	-12.22	501.08	533.50			
648	6:09	636.0	-2	635.8	699.52	45.12	-12.36	501.06	533.82			
649	6:13	639.5	-2	639.3	695.57	44.86	-12.48	501.09	533.47			
650	6:16	640.9	-2	640.7	694.17	44.77	-12.58	501.10	533.29			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point

Inst. No. **#16**

Density **2.3**

Date **July 9th, 1967.**

Meter Const. .09833

Comb. Free Air-Corr. Const. **.0645**[illegible]

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 816 Density 2.3
Date July 7th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

[illegible]

SHEET NO. 2OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 916 Density 2.3
 Date July 7th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
B 500	3:58	530.4	0	530.4	763.89	49.27	-6.53	500.00	542.74			
R 510	4:14	501.8	-.1	501.7	765.18	49.35	-4.32	499.72	544.75			
519	4:19	502.5	-.1	502.4	762.75	49.20	-4.14	499.72	544.78			
520	4:24	500.5	-.2	500.3	764.80	49.34	-3.94	499.70	545.10			
521	4:28	500.2	-.2	500.0	762.80	49.20	-3.77	499.70	545.13			
522	4:32	498.3	-.2	498.1	764.80	49.33	-3.67	499.68	545.34			
523	4:38	498.3	-.2	498.1	765.00	49.34	-3.57	499.68	545.45			
524	4:42	500.3	-.2	500.1	761.07	49.09	-3.32	499.70	545.47			
525	4:46	501.0	-.2	500.8	759.90	49.01	-3.44	499.71	545.28			
526	4:50	502.4	-.2	502.2	760.10	49.03	-3.55	499.72	545.20			
527	4:54	503.5	-.3	503.2	760.10	49.03	-3.64	499.73	545.12			
528	4:59	503.8	-.3	503.5	761.05	49.09	-3.72	499.74	545.11			
529	5:05	505.0	-.3	504.7	761.60	49.12	-3.73	499.75	545.14			
530	5:10	504.7	-.4	504.3	760.80	49.07	-3.65	499.74	545.16			
531	5:14	506.3	-.4	505.9	760.05	49.02	-3.60	499.76	545.18			
532	5:20	501.0	-.4	500.6	766.25	49.42	-3.43	499.71	545.70			
533	5:43	502.8	-.5	502.3	764.85	49.33	-3.35	499.72	545.70			
534	5:47	507.5	-.5	507.0	758.95	49.02	-3.30	499.77	545.69			
535	5:52	508.7	-.5	508.2	758.92	48.95	-3.24	499.78	545.69			
R 526	6:00	502.6	-.6	502.0	760.10	49.03	-3.55	499.72	545.20			
500	6:12	531.0	-.6	530.4	763.89	49.27	-6.53	500.00	542.74			

OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 016 Density 2.3
Date July 8th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0643

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OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 016 Density 2.3
Date July 8th, 1967. Meter Const. .00033 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
R 546	10:03	509.7	- .1	509.6	779.06	50.25	-2.25	499.81	547.81			
R 541	10:10	522.3	- .1	522.2	757.70	48.87	-3.02	499.93	545.78			
B 500	10:25	529.2	- .1	529.1	763.89	49.27	-6.53	500.00	542.74			
B 500	11:04	529.4	0	529.4	763.89	49.27	-6.53	500.00	542.74			
R 553	11:20	510.0	- .1	509.9	784.26	50.58	-1.42	499.81	548.97			
554	11:24	509.2	- .1	509.1	786.21	50.71	-1.35	499.80	549.16			
555	11:28	511.6	- .1	511.5	777.56	50.15	-1.27	499.82	548.70			
556	11:32	516.6	- .1	516.5	770.56	49.70	-1.23	499.87	548.36			
557	11:36	516.5	- .1	516.4	769.96	49.66	-1.17	499.87	548.36			
558	11:39	517.5	- .2	517.3	768.86	49.59	-1.09	499.88	548.38			
559	11:42	516.6	- .2	516.4	769.16	49.61	-0.99	499.87	548.49			
560	11:46	516.6	- .2	516.4	768.16	49.55	-0.92	499.87	548.50			
561	11:50	517.5	- .2	517.3	765.91	49.40	-0.86	499.88	548.62			
562	11:53	518.8	- .3	518.5	763.06	49.22	-0.79	499.89	548.32			
563	11:58	517.9	- .3	517.6	761.06	49.09	-0.72	499.88	548.25			
564	12:03	517.3	- .3	517.0	758.86	48.95	-0.64	499.88	548.19			
565	12:06	517.6	- .4	517.2	758.06	48.89	-0.58	499.88	548.19			
566	12:10	515.8	- .4	515.4	758.56	48.93	-0.50	499.86	548.29			
567	12:14	512.6	- .4	512.2	760.51	49.05	-0.44	499.83	548.44			
568	12:19	511.2	- .5	510.7	759.31	48.98	-0.35	499.82	548.45			
569	12:22	509.0	- .5	508.5	760.51	49.05	-0.24	499.79	548.60			

SHEET NO. 5OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEETJob Pine PointInst. No. 016Density 2.3Date July 8th, 1967Meter Const. .00033Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
570	12:26	507.5	-.6	506.9	759.41	48.98	-0.15	499.78	548.61			
571	12:31	506.2	-.6	505.6	761.16	48.09	-0.05	499.77	548.81			
572	12:35	501.9	-.7	501.2	766.26	49.42	+0.10	499.72	549.24			
573	12:38	498.8	-.7	498.1	768.46	49.57	+0.18	499.69	549.44			
574	12:43	500.7	-.7	500.0	761.81	49.14	+0.31	499.71	549.16			
575	12:47	500.1	-.8	499.3	757.41	48.85	+0.42	499.70	548.97			
576	12:51	493.8	-.8	493.0	758.06	48.89	+0.52	499.64	549.05			
577	12:56	488.8	-.9	488.9	754.86	48.69	+0.62	499.60	548.91			
B 573	1:02	498.5	-.9	497.6	768.46	49.57	+0.18	499.69	549.44			
B 566	1:06	516.2	-.9	515.3	758.56	48.93	-0.50	499.86	548.29			
B 500	1:23	530.5	-1.1	529.4	763.89	49.27	-6.53	500.00	542.74			
B 500	3:00	531.6	0	531.6	763.89	49.27	-6.53	500.00	542.74			
B 577	3:20	481.9	-.2	481.7	756.86	48.69	+0.62	499.61	548.92			
578	3:25	489.5	-.3	489.2	756.21	48.78	+0.72	499.58	549.08			
579	3:30	482.5	-.4	482.1	763.15	49.22	+0.82	499.51	549.55			
580	3:34	478.4	-.4	478.0	765.15	49.35	+0.95	499.47	549.77			
581	3:37	473.2	-.4	472.8	766.05	49.41	+1.07	499.42	549.90			
582	3:41	467.6	-.5	467.1	767.40	49.50	+1.17	499.37	550.04			
583	3:45	466.8	-.5	466.3	763.55	49.25	+1.29	499.36	549.90			
584	3:50	463.9	-.6	463.3	763.80	49.27	+1.40	499.33	550.00			
500	4:15	532.4	-.8	531.6	763.89	49.27	-6.53	500.00	542.74			

SHEET NO. 6OVERLAND EXPLORATION SERVICES LTD.
GRAVITY METER CALCULATION SHEET

Job Pine Point Inst. No. 016 Density 2.3
 Date July 9th, 1967. Meter Const. .09833 Comb. Free Air-Corr. Const. .0645

STN	TIME	INST. READING	DIURNAL CORR.	CORR. READING	ELEVA- TION	COMB. CORR.	LAT. CORR.	BASE VALUE	BOUGER VALUE	F	G	REMARKS
B 500	7:43	530.6	0	530.6	768.89	49.27	-6.53	500.00	542.74			
B 584	8:06	462.8	0	462.8	763.80	49.27	+1.40	489.33	558.00			
585	8:11	456.2	0	456.2	764.45	49.57	+1.51	499.27	550.35			
586	8:16	457.0	0	457.0	764.75	49.33	+1.52	499.28	550.13			
587	8:21	453.6	0	453.6	763.65	49.26	+1.55	499.24	550.05			
588	8:27	447.4	0	447.4	763.25	49.23	+1.57	499.18	549.98			
589	8:31	447.5	0	447.5	754.25	48.65	+1.58	499.18	549.41			
590	8:37	442.5	0	442.5	753.65	48.61	+1.62	499.13	549.36			
591	8:42	438.5	0	438.5	754.95	48.69	+1.80	499.09	549.58			
592	8:46	431.1	0	431.1	760.25	49.04	+1.97	499.02	550.03			
593	8:52	426.8	0	426.8	762.70	49.19	+2.06	498.98	550.23			
594	8:57	432.8	0	432.8	751.15	48.45	+2.15	499.04	549.64			
B 588	9:05	447.2	0	447.2	763.25	49.23	+1.57	499.18	549.98			
B 577	9:15	480.0	0	480.0	754.86	48.69	+0.62	499.60	548.91			
585	9:22	484.6	0	484.6	766.51	49.44	+0.82	499.55	549.81			
596	9:27	479.8	+1	479.9	776.56	50.09	+1.04	499.50	550.63			
597	9:33	480.1	+1	480.2	777.66	50.16	+1.20	499.50	550.86			
598	9:38	482.1	+1	482.2	775.86	50.04	+1.42	499.52	550.98			
599	9:42	480.8	+1	480.9	775.96	50.05	+1.60	499.51	551.16			
B 597	9:47	480.2	+1	480.3	777.66	50.16	+1.20	499.51	550.87			
B 500	10:08	530.4	+2	530.6	763.89	49.27	-6.53	500.00	542.74			

61°10'

61°10'

GREAT SLAVE LAKE

61°00'

61°00'

BREYNAT PT.

SULPHUR PT.

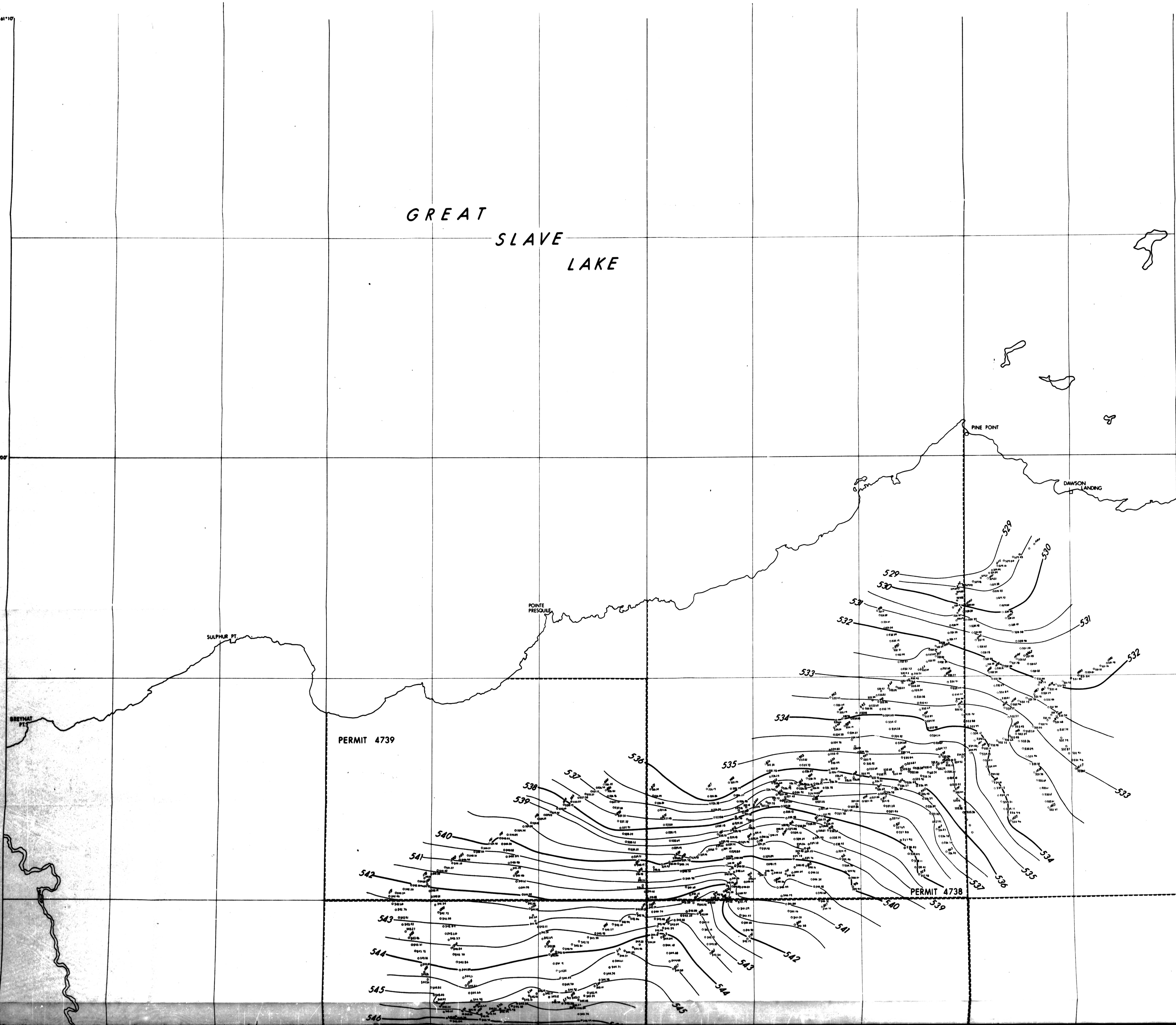
POINTE PRESOULE

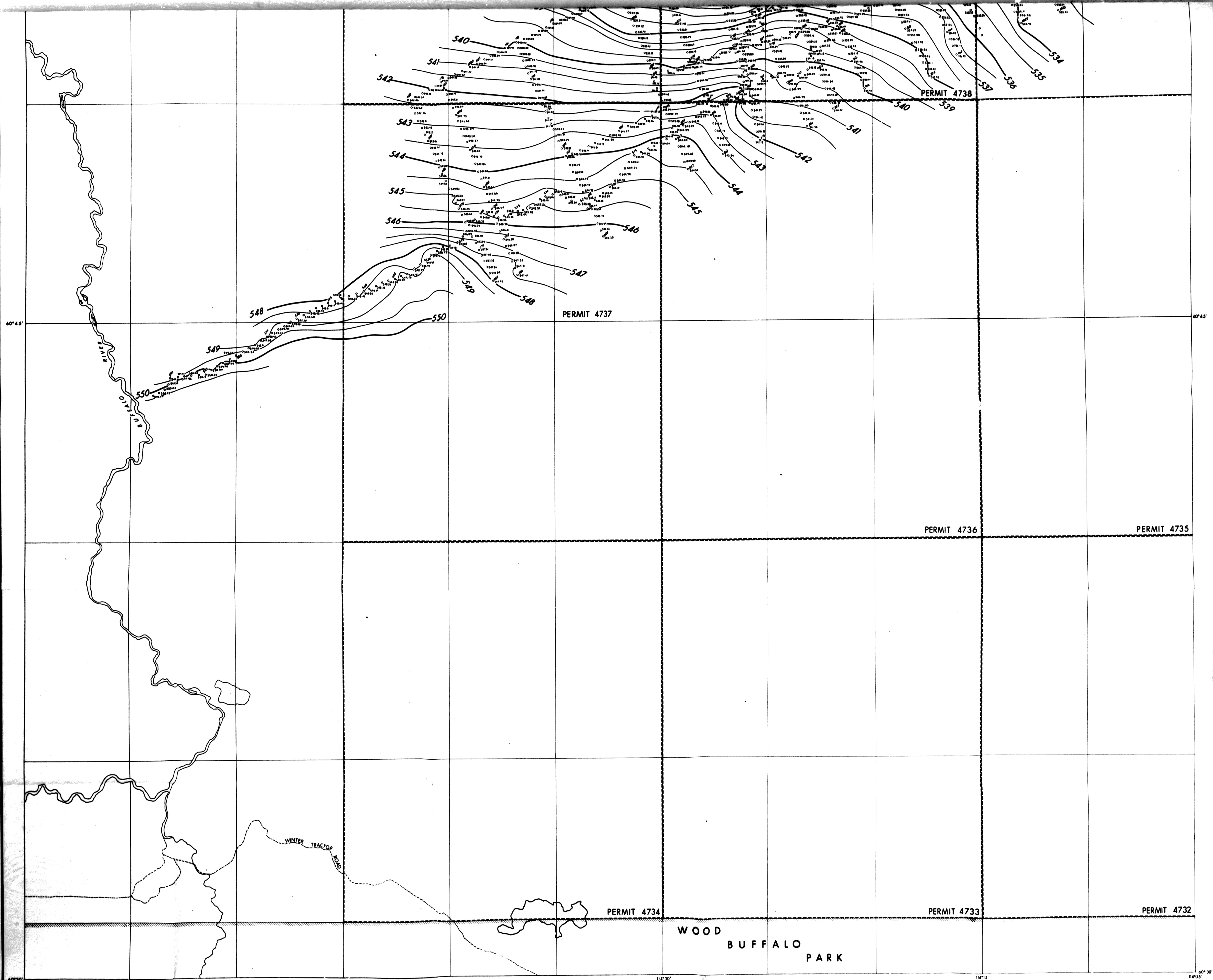
PINE POINT

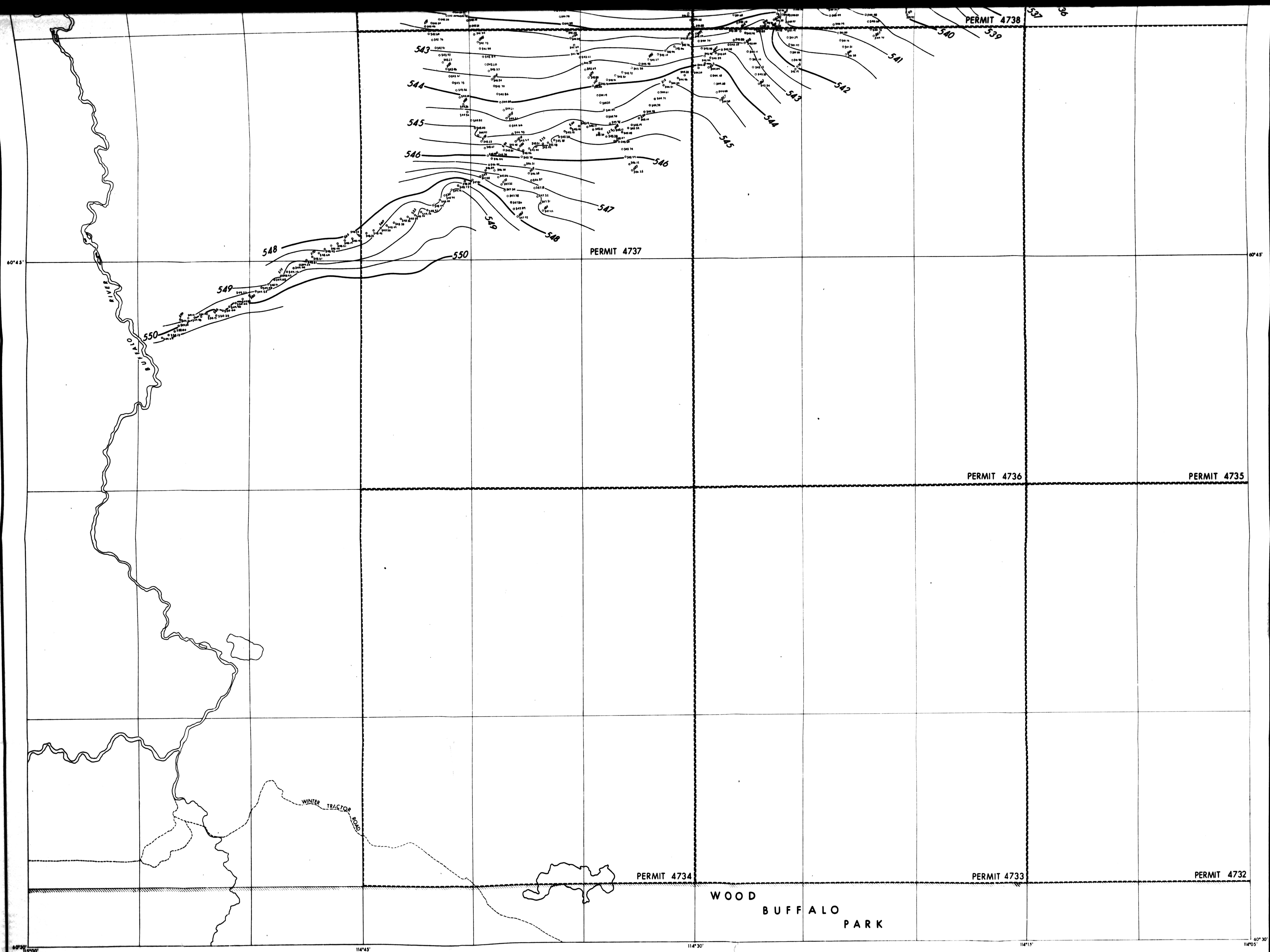
DAWSON LANDING

PERMIT 4739

PERMIT 4738







OVERLAND
EXPLORATION SERVICES LTD.

FOR
CARSON HOLDINGS

PINE POINT AREA
BOUGER GRAVITY MAP

CONTOUR INTERVAL 50 MILLIGALS SCALE 1:50,000