

SUNCOR INC. RESOURCES GROUP
DAILY DRILLING REPORT
Drilling Report At Midnight

D.F.S. 4P

| | | | | | | | | | | | |
|-----------------------------|------------|-----------|---|--------------------|------------------|--------------------------|--|------------|------------|-------------|--|
| 1. Date | 20/12/1999 | Well Name | Suncor Nella P16-60-50-122-45 | | Contractor / Rig | AKITA DRILLING LTD. / 37 | | | | | |
| 2. Depth (m) | | Operation | Installing Diverter, Rigging up, Premix K2SO4 Mud | | Progress (m) | | | | | | |
| Ground Elevation | 602.30 (m) | KB to GL | 4.70 (m) | KB to CF | 4.70 (m) | KB Elev. | 607.00 (m) | | | | |
| 3. Mud Type | WT | Vis | WT | pH | PV | YP | Solids | Gels | Filt. Cake | Polymer | |
| 4. | | | | | | | | | | | |
| 5. Bit No. | Size (mm) | Type | Serial No. | Jets | Out (m) | Drilled (m) | Hours | ROP (m/Hr) | Force/RPM | Cond. | |
| 6. Assembly: | | | | | | | | | | | |
| 7. Surveys: | | | | | | | | | | | |
| 8. S.P.M. | Size | Stroke | Pressure | Annular Velocities | | | | | | | |
| | | 216.0 | | m/min D.C. m/min | | | | | | | |
| | | 357.0 | | kPa @ SPM | | | | | | | |
| 9. B.O.P. Check | Last Drill | | | Incident | Last Rig Insp. | | | | | | |
| Personnel: | Total | 23 | Rig | 11 | Service | 8 | Suncor | 1 | Other | 0 | |
| 10. Time Breakdowns - Hours | Drilling | 0 | Directional | 0 | Rig Services | 0 | Reaming | 0 | Coring | 0 | |
| | Tripping | 0 | Cond. Mud | 0 | Rig Repairs | 0 | Run Casing | 0 | W.O.C. | 0 | |
| | Circulate | 0 | Survey | 0 | BOP Drill | 0 | D.S.T. | 0 | Fishing | 0 | |
| | Logging | 0 | Slip & Cut | 0 | Cementing | 0 | Rig up/down | 24 | Others | 0 | |
| 11. Cost: Day \$ | 378,803 | | | Cumulative \$ | 495,058 | | AFE \$ | 2,196,622 | AFE # | A9911480P16 | |
| 12. Operation Summary | FROM | TO | HOURS | CODE | SUB | C | OPERATIONS | | | | |
| 00:00 | 06:00 | 6.00 | 1 | a | PP | | String Power cords, Hook up line and ready derrick, Fill Boiler and get steam going around. General rig up to spud. | | | | |
| 06:00 | 12:30 | 6.50 | 1 | a | PP | | Inspect and raise derrick, General rig up. When raising the derrick the blocks rubbed on one of the foot pads on the monkey board. and inspection showed it was bent and cracked. | | | | |
| 12:30 | 14:00 | 1.50 | 1 | a | PU | | Lower derrick, Straighten pad and weld same, and raise derrick again. with no problems. General rigging up continued as we fixed the pad. | | | | |
| 14:00 | 00:00 | 10.00 | 1 | a | PP | | Continue to rig up. Rig in 2 Wadeco centrifuges, Weld on adapter flange start nipping up diverter system, Start to premix our K2SO4 mud system in the active tanks, and ready premix tank to start premixing if volume needed after spud. Held prespud meeting with All personnel and issued work permit. Installing diverter and rigging to spud at 24:00 hrs (expect to spud prior to noon) | | | | |

SUNCOR INC. RESOURCES GROUP
DAILY DRILLING REPORT
Drilling Report At Midnight

D.F.S. 3P

| | | | | | | | | | | | |
|-----------------------------|---------------------------|---------------|---|--------------------|--------------------------------|--|-------------|------------|------------|---------|--|
| 1. Date | 19/12/1999 | Well Name | Suncor Nella P16-60-50-122-45 | | Contractor / Rig | AKITA DRILLING LTD. / 37 | | | | | |
| 2. Depth (m) | | Operation | Rigging to spud (String cords Hook up hoses etc.) | | Progress | (m) | | | | | |
| Ground Elevation | 602.30 (m) | KB to GL | 4.70 (m) | KB to CF | 4.70 (m) | KB Elev. | 607.00 (m) | | | | |
| 3. Mud Type | WT | Vis. | W.L. | pH | PV | YP | Solids | Gels | Filt. Cake | Polymer | |
| 4. | | | | | | | | | | | |
| 5. Bit No. | Size (mm) | Type | Serial No. | Jets | Out (m) | Drilled (m) | Hours | ROP (m/Hr) | Force/RPM | Cond. | |
| 6. Assembly: | | | | | | | | | | | |
| 7. Surveys: | | | | | | | | | | | |
| 8. S.P.M. | Size | Stroke | Pressure | Annular Velocities | | | | | | | |
| | | 216.0 | | D.P. | | | m/min | D.C. | | m/min | |
| | | 357.0 | | R.S.P.P | | | kPa | @ | | SPM | |
| 9. B.O.P. Check | Last Drill | Incident | Last Rig Insp. | | | | | | | | |
| Personnel: | Total 36 | Rig 12 | Service 23 | Suncor 1 | Other 0 | | | | | | |
| 10. Time Breakdowns - Hours | | | | | | | | | | | |
| Drilling | 0 | Directional | 0 | Rig Service | 0 | Reaming | 0 | Coring | 0 | | |
| Tripping | 0 | Cond. Mud | 0 | Rig Repairs | 0 | Run Casing | 0 | W.O.C. | 0 | | |
| Circulate | 0 | Survey | 0 | BOP Drill | 0 | D.S.T. | 0 | Fishing | 0 | | |
| Other | 0 | Slip & Cut | 0 | Cementing | 0 | Rig up/down | 15 | Others | 9 | | |
| 11. Day \$ | 28,640 | Cumulative \$ | 116,255 | AFE \$ | 2,196.622 | AFE # | A9911480PJ6 | | | | |
| 12. Operation Summary | | | | | | | | | | | |
| FROM | TO | HOURS | CODE | SUB | C | OPERATIONS | | | | | |
| 09:00 | 18:00 | 9.00 | 23 | d | PP | Spot & Level sub, Install drawworks. Build and pin derrick on sub, raise A legs, Spot and rig in building until dark, 80/90% of the building etc spotted on location. Commander broke down in the AM and was not repaired until after 12:00 Noon. When backing drawworks up the ramp he got a flat tire, so he was done for!!! rigging up was done with one bed truck and a pole truck. There was also a very bitter wind blowing throughout the day which also slowed our progress. | | | | | |
| 18:00 | 00:00 | 6.00 | 1 | a | PP | String power cords, hook up hoses, ready derrick to be raised Put up prefabs and General rigging up to spud. | | | | | |
| 13. Foreman in Charge | Pat Miller @ 403-284-9583 | | | | Weatherwindy, V. Cold -20, -27 | | | | | | |
| | | | | | Printed: 04/01/2000 9:18:12 PM | | | | | | |

SUNCOR INC. RESOURCES GROUP

DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 2P

1. Date 18/12/1999 Well Name Suncor Netta P16-60-50-122-45 Contractor / Rig AKITA DRILLING LTD. / 37

2. Depth (m) Operation Move Rig, SDFN Progress (m)

Ground Elevation 602.30 (m) KB to GL 4.70 (m) KB to CF 4.70 (m) KB Elev. 607.00 (m)

3. Mud Type WL Vis. W.L. PH PV YP Solids Gels Flit. Cake Polymer

4. (Blank) (Blank) (Blank) (Blank) (Blank) (Blank) (Blank) (Blank) (Blank) (Blank)

5. Bit No. Size (mm) Type Serial No. Jets Out (m) Drilled (m) Hours ROP (m/Hr) Force/RPM Cond.

6. Assembly: (Blank)

7. Surveys: (Blank)

8. S.P.M. Size Stroke Pressure Annular Velocities

| | | | | | | |
|--|--|-------|----------|-------|------|-------|
| | | 216.0 | D.P. | m/min | D.C. | m/min |
| | | 357.0 | R.S.P.P. | kPa | SPM | SPM |

9. B.O.P. Check Last Drill Incident Last Rig Insp.

Personnel: Total 33 Rig 12 Service 20 Suncor 1 Other 0

10. Time Breakdowns - Hours

| | | | | | | | | | |
|-----------|---|-------------|---|-------------|---|-------------|---|---------|----|
| Drilling | 0 | Directional | 0 | Rig Service | 0 | Reaming | 0 | Coring | 0 |
| Tripping | 0 | Cond. Mud | 0 | Rig Repairs | 0 | Run Casing | 0 | W.O.C. | 0 |
| Circulate | 0 | Survey | 0 | BOP Drill | 0 | D.S.T. | 0 | Fishing | 0 |
| Logging | 0 | Slip & Cut | 0 | Cementing | 0 | Rig up/down | 9 | Others | 15 |

Cost: Day \$ 15,855 Cumulative \$ 87,615 AFE \$ 2,196,622 AFE # A9911480P16

12. Operation Summary

| FROM | TO | HOURS | CODE | SUB | C | OPERATIONS |
|-------|-------|-------|------|-----|----|---|
| 09:00 | 18:00 | 9.00 | 23 | d | PP | Continue moving Akita 37 onto location with Mullen Trucking. Spot matting and Wellsite units in place. Line up and ready derrick to be pinned together. Sub on the way into location and will not be on location until well after dark. Rig components either on location or at staging area by camp, some misc. rental items still to arrive incl. mud products etc. Working on the sump with 2 cats will be completed tomorrow. |

13. Foreman in Charge Pat Miller @ 403-284-9503 Weather Cold -28, -34
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SUNCOR INC. RESOURCES GROUP

DAILY DRILLING REPORT

Drilling Report At Midnight

D.F.S. 1P

| | | | | | | | | | | |
|-----------------------------|---------------------------|---------------|-------------------------------|--------------------|------------------|---|-------------|------------|------------|---------|
| 1. Date | 17/12/1999 | Well Name | Suncor Netla P16-80-50-122-45 | | Contractor / Rig | AKITA DRILLING LTD. / 37 | | | | |
| 2. Depth (m) | Operation | | Moving SDFN | | Progress (m) | | | | | |
| Ground Elevation | | 602.30 (m) | KB to GL | 4.70 (m) | KB to CF | 4.70 (m) | KB Elev. | 607.00 (m) | | |
| 3. Mud Type | Wt. | Vis. | WL | pH | PV | YP | Solids | Gels | Filt. Cake | Polymer |
| 4. | | | | | | | | | | |
| 5. Bit No. | Size (mm) | Type | Serial No. | Jets | Out (m) | Drilled (m) | Hours | ROP (m/Hr) | Force/RPM | Cond. |
| 6. Assembly: | | | | | | | | | | |
| 7. Surveys: | | | | | | | | | | |
| 8. S.P.M. | Size | Stroke | Pressure | Annular Velocities | | | | | | |
| | | | | D.P. | m/min | | D.C. | m/min | | |
| | | | | R.S.P.P | kPa | | @ | SPM | | |
| 9. B.O.P. Check | Last Drill | | | Incident | Last Rig Insp. | | | | | |
| Personnel: | Total | 29 | Rig | 12 | Service | 16 | Suncor | 1 | Other | 0 |
| 10. Time Breakdowns - Hours | | | | | | | | | | |
| Drilling | 0 | Directional | 0 | Rig Service | 0 | Reaming | 0 | Coring | 0 | |
| Tripping | 0 | Cond. Mud | 0 | Rig Repairs | 0 | Run Casing | 0 | W.O.C. | 0 | |
| Circulate | 0 | Survey | 0 | BOP Drill | 0 | D.S.T. | 0 | Fishing | 0 | |
| | 0 | Slip & Cut | 0 | Cementing | 0 | Rig up/down | 10 | Others | 14 | |
| 11. Cost Day \$ | 71,760 | Cumulative \$ | 71,760 | AFE \$ | 2,195,622 | AFE # | A9911480P16 | | | |
| 12. Operation Summary | | | | | | | | | | |
| FROM | TO | HOURS | CODE | SUB | C | OPERATIONS | | | | |
| 08:00 | 18:00 | 10.00 | 23 | d | PP | Load out Akita #37 in the Edson area and start move up to Netla P 16 Location with Mullen Trucking on the 16th of December 1999 and continue moving up to Netla on the 17th. By Dark on the 17th, we had a total of six loads on location including the sub matting. Most of the rest of the rig was in Ft. Nelson except the Sub which was stopped a couple of hours South of Ft. Nelson. Camp was brought in and rigged up on the 14th & 15th of December. Camp staff arrived and camp was opened on the 15th of December 1999. | | | | |
| 13. Foreman in Charge | Pat Miller @ 403-284-9583 | | | | | Weather | Cold -32 | | | |
| | | | | | | Printed 04/01/2000 3:18:34 PM | | | | |