

UNION ALEXANDRA FALLS No. 4

Drilling Authority No.

Date issued

WELL NAME Union Alexandra Falls No. 4

FIELD Wildest

Area: Alexandra Falls

LOCATION: Unit

Section 16

Grid 60-30-116-00

Latitude 60°25'35" N.

Longitude 116°03' W.

From Established Reference Marker

Rig Release Date: 17-2-55

Status D & A

Information Release Date 17-2-57

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority. Well Completion Data. Well History Report. Application to Amend a Drilling Authority. Application to change a Well Name. Application to Abandon a Well or Suspend Drilling. Application to Alter Condition of a Well. Well History Supplement. Well Completion Data. Work-over Report No. Application to Commingle Production before Measurement. Approval to Commingle Production before Measurement. Application to Amend Approval No. to Commingle Production before Measurement. Application for M.P.R.—Oil. New Oil Well Report. New Gas Well Report. Well Inspection Report. Rig Inspection Report. Battery Inspection Report. Field Abandonment Programme and Approval. Well Card. Well Visit. Daily Drilling Reports.

Mr. LeCopelaine
Mr. Christie

C A N A D A
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH

(ABANDONMENT)
(COMPLETION) REPORT
(REVISION)

(Stroke out operations which do not apply)

To be submitted in triplicate in accordance with Section 70 of the Territorial Oil and Gas Regulations to the Conservation Engineer at Edmonton, Alberta.

Name of well Union Alexandra Falls No. 4 ✓ Permit No. 637
Union Oil Lease No. _____
Registered owner Company of California Drilling Company Seaman Engineering and Drilling Company
Location: (Survey description) 60° 25' 55" N. 116° 03' W.
.....
Elevation: Ground Kelly bushing 913.23' Depth 1373 Driller
Spudded February 13, 1955 Finished drilling Feb. 17, 1955 Rig released Feb. 17/55
Deviations from vertical 0° - 30' at 800', 1° 15' at 100'

CASING

DATE	Size O.D. inches	Weight lbs/foot	Grade	Set at feet	Sacks cement
1.					
2.					
3.					

TUBING

Status of well on completion of drilling Dry and abandoned
Producing zone
Cored intervals
.....
Interval logged: E-log 50' - 1345' M-log
R-log Other

no log

DRILLSTEM TESTS

Test No.	Date	Interval tested	Duration	Results
.....				
.....				
.....				

(Over)

This image shows a full page of dot grid paper. The dots are arranged in a precise, repeating grid pattern across the entire surface. There are no margins, text, or other markings present.

Shootings:

Chemical treatment:

Initial production data.

Plug back:

.....

Date	Plug set at	Sacks cement	Method	Top found at
------	-------------	--------------	--------	--------------

.....

.....

.....

Cores will be stored at:

Yes No

Yes No.

Yes No

Yes No

Yes No

ADDITIONAL DETAILS AND COMMENTS

Union Oil Company of California.
709 - 8th Avenue West,
CALGARY, Alberta.

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

(To be submitted in triplicate to the Conservation Engineer at Edmonton, Alberta at least 15 days prior to the commencement of drilling).

In accordance with Section 59 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to begin drilling a well on Oil and Gas Permit No. 637 ...registered in the name of

Lease No.

. . UNION OIL COMPANY OF CALIFORNIA

TYPE OF WELL:

Stratigraphic test: Wildcat:
Structure Test: Development:
Anticipated number of holes . . 6 (Required for Structure Test Only)
Expected total depth: . . . 1330 . . . feet.

The well will be located:

.....-(N of S boundary) of (Permit No.....) at approx. $60^{\circ} 25' 59''$ Lat.
.....(S of N boundary) of (Lease No.)
.....-(W of E boundary) of (Permit No.....) at approx. $116^{\circ} 2' 45''$ Long.
.....(E of W boundary) of (Lease No.....)

Survey description of location To Yellow

Approximate surface elevation of ~~to yellow~~ feet above sea level.

Name of well: , . . . Union Alexandra Falls No. 4

Type of drilling rig: . . . Rotary

Expected date of commencement: . . . Immediately

We propose to use the following strings of casing, cementing them as indicated below:

Size O.D. inches	Weight lbs/feet	Grade	Brand	New or used	Estimated depth	Sacks of cement
---------------------	--------------------	-------	-------	----------------	--------------------	--------------------

1. No casing

2.

3.

Expected depth of water, gas and oil horizons and method of control:

.....
.....
.....
.....
.....
.....

(Over)

An electric log (will ~~be~~) be run.

The well will be drilled by: **UNION OIL COMPANY OF CALIFORNIA** (name of company)

CONTRACTOR: **SEABIAN ENGINEERING AND DRILLING COMPANY**

Responsible agents of permittee or lessee in charge of operation:

At well **H. G. Tyler** At registered office: **H. W. Hastings** . . .
Third Floor

Postal address: **Hay River** Postal address: **707-8th Avenue West, Calgary, Alta.**

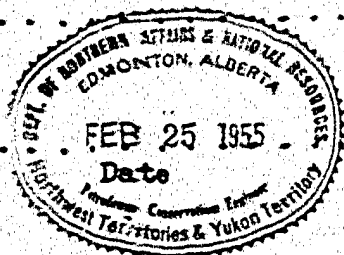
It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at **Calgary** this **24th** . . . day of **February** 19**55**

Signed by *W. W. Heathman*

This program is approved subject to the following provisions (if any):

. . . . If this hole should penetrate to a ^{known} porous horizons then 150' .
. . . . of surface pipe shall be set and cemented and blowout
. . . . preventer attached well in advance of reaching porosity. . . .



A. B. Irvine
Conservation Engineer

FEB 23 1955

SEDCO

DAILY DRILLING REPORT

Company: Union Oil Co.Well # HContractor Sedco Drilling

Type Rig _____

Date Feb. 17

Days on Well _____

DEPTH	1st Tour From: _____ To: _____					2nd Tour From: _____ To: _____					3rd Tour From: <u>4P10</u> To: <u>12 a.m.</u>							
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation			
	<u>1250</u>	<u>1240</u>	<u>90</u>	<u>4 3/4</u>	<u>limestone</u>													
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.			
				<u>40</u>														
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET	
								Drilled	Reamed								Drilled	Reamed
	<u>7 INCH</u>	<u>1220</u>			<u>9 1/2</u>			<u>150</u>										
	Bit Serial No. _____ R.P.M. _____					Bit Serial No. _____ R.P.M. _____					Bit Serial No. _____ R.P.M. _____							
SURVEYS	Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off						
	HOURS				Line Press	HOURS				Line Press	HOURS				Line Press			
SLUSH PUMP RECORD	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No	On Line	Circulating	Yes	No						
Pump No. 1																		
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives			
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.			
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.							
	<u>Tripped out + logged the hole</u> <u>Serviced rig.</u> <u>Tore down + moved to hole #5.</u>					<u>Set Rig up and dug pits</u> <u>waited 3 hrs for water</u>												
Driller	<u>[Signature]</u>					Driller	<u>A. Watts</u>					Driller	<u>[Signature]</u>					

SED CO

FEB 23 1955
DAILY DRILLING REPORT

Company: Union Oil

Well: 2H

Contractor: Sedco

Type Rig: 2000 M. J. New

Date: Feb 23 1955

Days on Well: _____

DEPTH	1st Tour From: <u>12</u> To: <u>8</u>					2nd Tour From: _____ To: _____					3rd Tour From: _____ To: _____								
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation				
	<u>120</u>	<u>695</u>	<u>75</u>	<u>4 3/4</u>	<u>Shale + Limestone</u>	<u>695</u>	<u>819</u>	<u>124</u>	<u>4 3/4</u>	<u>Shale + Limestone</u>	<u>819</u>	<u>870</u>	<u>51</u>	<u>4 3/4</u>	<u>Shale + Limestone</u>				
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.				
DRILL PIPE																			
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		
								Drilled	Reamed									Drilled	Reamed
	<u>4</u>	<u>Insert</u>	<u>460</u>		<u>9</u>			<u>2</u>	<u>8 1/4</u>		<u>4</u>	<u>Insert</u>	<u>460</u>	<u>714</u>	<u>10</u>	<u>714</u>		<u>254</u>	
											<u>5</u>	<u>Insert</u>	<u>714</u>	<u>6</u>	<u>819</u>		<u>105</u>		
	Bit Serial No. _____ R.P.M. _____					Bit Serial No. <u>Hawthorne</u> R.P.M. _____					Bit Serial No. _____ R.P.M. _____								
SURVEYS	Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off	Kind	at	Ft.	Deg. off							
SLUSH PUMP RECORD Pump No. 1	HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS					
	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No				
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives				
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.				
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.								
	<u>Went to camp for new cement. Hired jet on New cement.</u>					<u>Road Trip at 714 for new bit. Serviced rig. Deviated + Tripped out. Started logging hole.</u>					<u>4 hrs Logging and waiting on word to deepen or move. Ran back into 619. Worked on draw works clucks. Put gasket in gate valve.</u>								
	Driller: <u>C. Wright</u>					Driller: <u>A. Watts</u>					Driller: <u>Joe Bennett</u>								

FEB 19 1955

Company: COMMON OIL

SEDCO

DAILY DRILLING REPORT

Well H=Contractor SedcoType Rig 2000 Mayhew Date Feb 14Days on Well 2

DEPTH	1st Tour From: <u>12</u> To: <u>4</u>					2nd Tour From: To:					3rd Tour From: <u>4PM</u> To: <u>12 AM</u>																			
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation															
	<u>116</u>	<u>240</u>	<u>124</u>	<u>4 1/2</u>	<u>Shale + Limestone</u>	<u>240</u>	<u>440</u>	<u>200</u>	<u>4 1/2</u>	<u>Shale + Limestone</u>	<u>440</u>	<u>620</u>	<u>180</u>	<u>4 3/4</u>	<u>Shale + Stone</u>															
DRILL PIPE	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.															
				<u>40</u>																										
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET				
								Drilled	Reamed									Drilled	Reamed								Drilled	Reamed		
	<u>2</u>	<u>Insert</u>	<u>90</u>	<u>1</u>	<u>9</u>	<u>240</u>		<u>150</u>	<u>X</u>	<u>2</u>	<u>Insert</u>	<u>90</u>	<u>252</u>	<u>10</u>	<u>252</u>			<u>162</u>		<u>3</u>	<u>Insert</u>	<u>252</u>	<u>460</u>	<u>7 1/2</u>	<u>460</u>		<u>209</u>			
										<u>3</u>	<u>Insert</u>	<u>252</u>	<u>-</u>	<u>6 1/2</u>				<u>188</u>		<u>4</u>	<u>Insert</u>	<u>460</u>	<u>-</u>	<u>5</u>	<u>620</u>		<u>160</u>	<u>20</u>		
	Bit Serial No.					R.P.M.					Bit Serial No. <u>Hawthorne</u>					R.P.M.					Bit Serial No. <u>Hawthorne</u>					R.P.M.				
SURVEYS	Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off		Kind	at	Ft.	Deg. off																
	HOURS					HOURS					HOURS																			
SLUSH PUMP RECORD	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No	On Line	Circulating	Line Press	Yes	No															
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives															
																<u>250 lbs</u>														
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.															
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.					Total Contract Time _____ hrs. Total Company Time _____ hrs.																			
						<u>Round Trip at 252 FT for new bit. Serviced rig</u>					<u>Round Trip at 460 for new bit. Drill to 620. Mixed mud to condition hole for logging. Circulated and waited for logging truck 1 1/2 hrs.</u>																			
	Driller <u>W. Wright</u>					Driller <u>A. Watter</u>					Driller <u>Joe Bennett</u>																			

Toolpusher

Len Woods

Approved by

Francis

Company: UNION

Well,

54

Contractor

Sedco

Type Rig

1000 1921-22

Dat

Date Feb 2 1965

Days on Well

SEDCO

FEB 19 1956

DAILY DRILLING REPORT

DEPTH	1st Tour From: 12 To: 8.					2nd Tour From: To:					3rd Tour From: 4 PM To: 12 am																
	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation	From	To	Hole Made	Hole Size	Formation												
DRILL PIPE																											
	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.	Stds.	Singles	Kelly	Drill Collar Ft.	Core Bbl. Ft.												
BIT RECORD	No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET		No.	Type	On Bottom At	Pulled At	Total Hours Run	Depth	Wt. Lbs.	FEET										
								Drilled	Reamed								Drilled	Reamed									
	Bit Serial No. R.P.M.									Bit Serial No. 8968 R.P.M.									Bit Serial No. R.P.M.								
SURVEYS	Kind at Ft. Deg. off					Kind at Ft. Deg. off					Kind at Ft. Deg. off																
SLUSH PUMP RECORD Pump No. 1	HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS		HOURS		Line Press	REPAIRS													
	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No	On Line	Circulating		Yes	No												
MUD RECORD	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives	Wt.	Visc.	W.L.	Time	Additives												
											300 Mud																
CORING	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.	From	To	Ft. Rec'd.	Core No.	Type Bbl.												
DETAIL OF OPERATIONS AND REMARKS	Total Contract Time hrs. Total Company Time hrs.					Total Contract Time hrs. Total Company Time hrs.					Total Contract Time hrs. Total Company Time hrs.																
	pulled rig down drained					Set up + dog pits. Serviced rig					Hole caving, mixed mud																
	ramps altered up direction					Put on new pump chain.					Put a gasket in gate valve on																
	moved to hole # 4 25 miles										stand pipe base. Tripped at 90ft																
Driller E. Wright					Driller A. Watts					Driller Sam Burnett																	