

(Converted to Gas injection well 4-8-63)

FILE NOTATIONS

Entered in NID File ✓
Entered On S R Sheet ✓
Location Map Pinned _____
Card Indexed ✓
IWR for State or Fee Land _____

Checked by Chief _____
Copy NID to Field Office ✓
Approval Letter ✓
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 3-9-61 Location Inspected _____
OW _____ WW _____ TA _____ Bond released _____
State of Fee Land _____

SI GW ✓ *gas injection well*

LOGS FILED

Driller's Log 4-26-61

Electric Logs (No.) 4

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____
Lat. ✓ Mi-L _____ Sonic ✓ Others Temperature log

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

ROCKY MOUNTAIN PRODUCING DIVISION

1700 BROADWAY
DENVER 2, COLORADO

July 27, 1960

Reply to:

Mountain Area Operations
The Pure Oil Company
1575 Sherman Street
Denver 3, Colorado

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

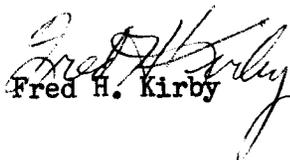
Attention: Mr. Cleon B. Feight

Gentlemen:

We are enclosing in duplicate Notice of Intention to drill N. W. Lisbon USA "C" #3, located SW SE Section 3-30S-24E, San Juan County, Utah. Also enclosed is plat showing location of the well.

The responsibility of filing all necessary state reports covering this well is being transferred to our District office in Moab, Utah. Therefore, we would appreciate any correspondence concerning this well and/or the approval letter covering this location to be directed to The Pure Oil Company, P. O. Box 265, Moab, Utah, to the attention of Mr. W. W. Weir.

Yours very truly,


Fred H. Kirby

FHK:sm

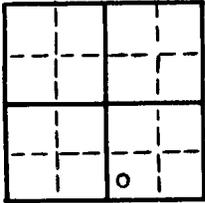
Enclosures

cc: W. W. Weir - w/encl.

(SUBMIT IN DUPLICATE)

LAND:

00



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No.
Public Domain U-015445
Lease No.
Indian
Lease No.

Sec. 3 (See Location Plat attached)

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Northwest Lisbon USA "C" July 26....., 19.60.....

Well No. 3 is located 765 ft. from {S} line and 2105 ft. from {E} line of Sec. 3
SW-SE Sec. 3 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon Field San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is feet. (will be reported later)

A drilling and plugging bond has been filed with U. S. Government.....

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Proposed Casing Program:

1000' - 13-3/8" OD Surface Casing (Cemented to surface)
8800' - 7-5/8" OD Production String (Approx. 200 sx.)

Principal objective is the McCracken Formation

Estimated Total Depth 8800'

Note: Location staked 105' North and 125' West of C-SW-SE due to topographical conditions

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The Pure Oil Company.....

Address 1575 Sherman.....
Denver 3, Colorado.....

By Fred H. Kirby Fred H. Kirby
Title Asst. Chief Div. Prod. Clerk.....

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

THE PURE OIL COMPANY LOCATION REPORT

Date: July 21, 1960 A.F.E. No. 322
 Division: Rocky Mountain Producing District: DECEMBER N. W. Lisbon Lease: U.S.A. U-015445
N.W. Lisbon USA
 Acres: 1838.25 Lease No.: 8848 Elevation: _____ Well No. C-3 (Serial No. _____)
(919.12 Net)
 Quadrangle: SW SE Sec. 3 Twp. 30 S Rge. 24 W Blk. Dist. Twp. _____
 Survey: Salt Lake Meridian County: San Juan State: Utah

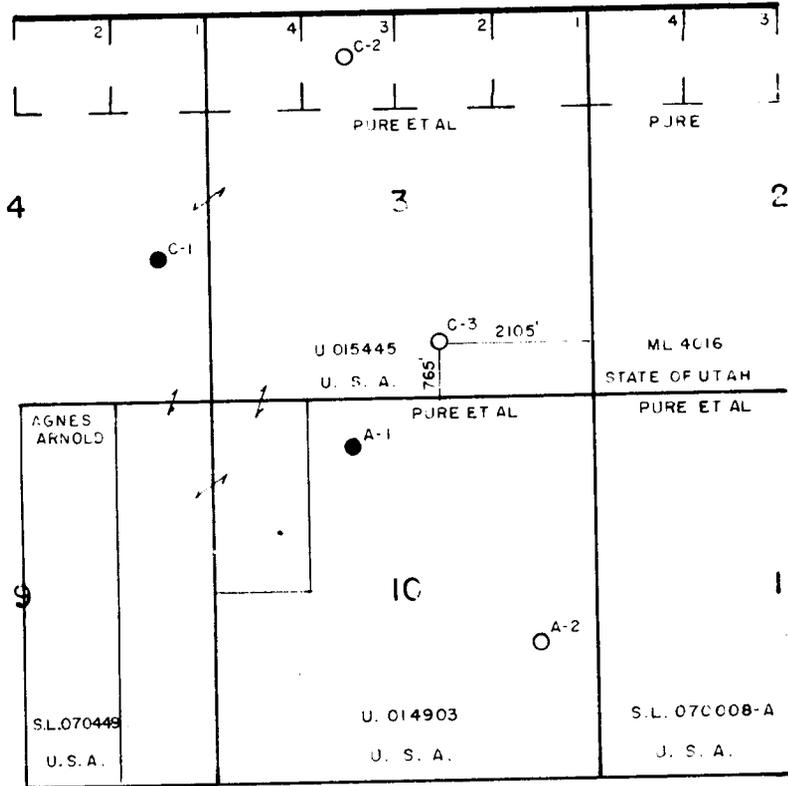
Operator: The Pure Oil Company Map: Utah 1-4

765 Feet North of the South line of _____
2105 Feet West of the East line of _____
 _____ Feet _____ of the _____ line of _____
 _____ Feet _____ of the _____ line of _____

Section _____
 Section _____

LEGEND

- Gas Well
- Oil Well
- Gas-Distillate Well
- Dry Hole
- Abandoned Location
- Abandoned Gas Well
- Abandoned Oil Well
- Input Well



Scale: 2" = 1 MILE

Remarks: The Pure Oil Company (Operator) 50%
Texas Eastern Transmission Co. 50%

Submitted by: _____ Civil Engineer Approved by: _____ Division Manager
 Approved by: _____ Vice-President—General Manager

July 28, 1960

The Pure Oil Company
P. O. Box 265
Moab, Utah

Attention: Mr. W. W. Weir

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Northwest Lisbon USA C-3, which is to be located 765 feet from the south line and 2105 feet from the east line of Section 3, Township 30 South, Range 24 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3(c) of our General Rules and Regulations and Rules of Practice and Procedure.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CMF:co

cc: Mr. Jerry Long, Dist. Eng.
U.S.G.S. - Durango, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

LAND OFFICE Salt Lake
LEASE NUMBER U-015445
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1960

Agent's address P. O. Box 265 Company The Pure Oil Company

Moab, Utah Signed [Signature]

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE Sec. 3 (Northwest Lisbon	30S	24E	3	-0-	USA-C No. 3)		Location: 765' FSL and 2105' FEL. Ground elevation 6786. Spudded 8-4-60. Drilled to 25. Set 20" OD casing at 25' and cemented with 6 yds. of ready-mix cement. Drilled to 1200'. Set 13-3/8" OD casing at 1195'. Cemented with 700 sacks of 50-50 Pozmix "S", followed with 100 sacks of neat cement spotted around shoe. Drilled to 7644'. DST No. 1 -- 4120' - 4270'; DST No. 2 -- 5490' - 5825'.			

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

ant

Copy to HC

RPS

0281 100

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER 1-1514
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1960,

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed J. Blstrom

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW 1/4 Sec. 3 (Northwest Lisbon)	308	24E	3	-0-	UEA-C No. 3)					Drilled 7 5/8" - 8327. Set 7-5/8" OD casing at 8291 with 750 sax 50-50 Pozmix "S" with 1/2 gal, 2 1/2 of salt per sack and 2% calcium chloride, followed with 100 sax Neat cement with 90 gals. Latex. Cored 8327 - 8425 TT. Drilling completed 9-16-60. IST #3 8291 - 8425. Plugged back to 8375 with 8 sax Cal-Seal and 300# Hydramite. Acidized 8291 - 8375 with 1000 gals. KFW acid down tubing. Sand frac'd same formation down 7-5/8" casing and 2-7.8" tubing at same time with 11,200# 20/40 sand and 2500# 10/20 sand with 386 bbls. crude oil. Opened well and flowed 445 bbls. of load oil on various sized chokes from 20/64" to 40/64". Swabbed and flowed 6 days, recovered 565 bbls. load oil, 369 bbls. load oil due. Well now shut in.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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Duly

R J J

Budget Bureau No. 49-22844
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER U-015145
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1960,

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed *[Signature]*

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE Sec. 3 (Northwest Lisbon USA-C No. 3)	30S	24E	3	-0-	-0-	-	-	-0-	None	Well shut in until 10-22-60 when it flowed 2 1/2 hrs. on 32/64" choke and was then shut in rest of month. Recovered 80 bbls. of load oil, 289 bbls. load oil gas.

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER U-215445
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1960.

Agent's address P. O. Box 266 Company The Pure Oil Company
Moab, Utah Signed

Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS Included	GALLONS OF GASOLINE Recovered	BARRELS OF WATER-OIL	REMARKS
SW 1/4 Sec. 3 Northwest Lisbon USA-C No. 3	30S	24E	3	2	109	-	-	-	None	Pumped in 140 barrels of oil to kill well. 429 barrels load oil now due. Pulled tubing and re-ran same with rods and pump 11-6-60. Installed pumping equipment and began pumping 11-12-60. Pumped 2 days, recovered 312 barrels load oil, 117 barrels load oil due. Pump quit pumping. Pulled rods and pump and re-ran same. Still would not pump. Pulled rods and ran sand pump and pumped sand out of well. Re-ran rods and pump and began pumping 11-21-60. Pumped 5 days. Recovered 82 bbls. load oil, 35 bbls. load oil due. Pump quit pumping. Pulled rods and began swabbing. Swabbed 2 days. Recovered 35 bbls. load oil and 109 bbls. new oil with a trace of sand. Swabbing - Incomplete.

NOTE.—There were See Form 9-361 runs or sales of oil; no M cu. ft. of gas sold; runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

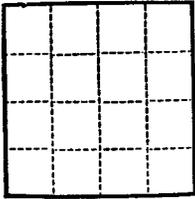
SUNDRY NOTICES AND REPORTS ON WELLS (Cont'd.)

Northwest Lisbon USA-C No. 3

- 10-25-60 - Shut in 24 hours each day.
thru
11- 5-60
- 11- 6-60 - Pumped in 140 barrels of oil to kill well. Pulled tubing and re-ran same and ran rods and pump. (429 barrels of load oil due.)
- 11- 7-60 - Shut in 24 hours each day; installing pumping equipment.
thru
11-11-60
- 11-12-60 - Started pumping 4:00 P.M., 11-12-60. Pumped 17 hours, recovered 200 barrels of load oil. (229 barrels of load oil due.)
- 11-13-60 - Pumped 24 hours, recovered 94 barrels of load oil. (135 barrels of load oil due.)
- 11-14-60 - Pumped 11 hours, recovered 18 barrels of load oil. (117 barrels of load oil due.) Pump quit pumping.
- 11-15-60 - Shut in 24 hours. Waiting unit to pull rods and pump. (117 barrels of load oil due.)
- 11-16-60 - Shut in 24 hours. Pulled rods and pump and re-ran rods with new pump. (117 barrels of load oil due.)
- 11-17-60 - Shut in 24 hours each day. Pulled rods and tubing. Ran sand pump thru
11-19-60 and pumped sand out of hole.
- 11-20-60 - Ran tubing and rods back in hole. Started pumping at 12:30 P.M.,
11-21-60. Will pump all load oil due and then will be pumping on test.

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. U - 015445
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 22, 19 60

Northwest Lisbon USA-C

Well No. 3 is located 765 ft. from {N} line and 2105 ft. from {E} line of sec. 3

SW SE Sec. 3 30-S 24-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached.

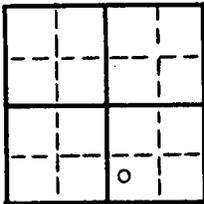
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

By J. B. Strong
J. B. Strong
Title District Chief Clerk



Section 3

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No. U-015445
Indian
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			
Notice of Intention to Recomplete <i>Complete</i> X	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 1, 19 61

Northwest Lisbon USA-C
Well No. 3 is located 765 ft. from {N} line and 2105 ft. from {E} line of Sec. 3

SW SE Sec. 3 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

ground
The elevation of the ~~center of~~ above sea level is 6286 feet.
KB elevation 6799 ft.

A drilling and plugging bond has been filed with U. S. Government

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Propose to set a 5-1/2" OD liner, *Complete* recomplete well in the McCracken formation by perforating and acidizing.

If McCracken formation is not capable of producing, propose to test Ouray formation, and if not capable of producing from this formation, propose to perforate Mississippian formation, acidize and complete.

This report was in error as it is not a recompletion but a notice of the original completion. GWS-OBCC-5-18-61

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265 Moab, Utah

By *J. B. Strong* J. B. Strong
Title District Chief Clerk

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

WELL COMPLETION RECORD

15

Mountain Area
 Division Northern Producing District Four Corners Lease NL Lisbon USA-C Well No. 3
 Acres 1838.25 (Net 919.12) Lease No. 8848 Elevation Gr. 6786' Elevation KB 6799' Cellar Meas. -
 Sec. 3 Twp. 30S Rge. 24E Twp. Survey or Quadrangle SE Parish County San Juan State Utah

Producing Formation Mississippian
 Top Formation 7572'
 Bottom Formation 8031'
 Top Pay 7810'
 Bottom Pay 7880'

PERFORATION DATA
 Date Perforated 2-27-61
 Formation Perforated Mississippian
 Perforated By McCullough
 No. Shots 104
 Size Shots 2-1/16" Mac Jets
 Top. Perforations 7810'
 Btm. Perforations 7880'

DEPTH
 Extreme Corr. TD 8430'
 Completed 8042' PBTB

DATE
 Drilling Commenced 2-5-61
 Drilling Completed 2-28-61
 1st Prod. to Sit 3-9-61
 Dry Hole

CASING RECORD

SIZE OD	SET AT
20"	25'
13-3/8"	1195'
7-5/8"	8291'
5-1/2" Liner	8213'-8406'

Test: Natural
 Date None Hrs. Tested _____ Bbls. Oil/Dist _____ Bbls. Wtr. _____
 MCF Gas _____ B.H. Pressure _____ How Produced _____
 Gas/Oil Ratio _____ Corr. Gravity _____ Temp. _____ Csg. Press. _____ Tbg. Press. _____
 Size Choke _____ Potential: Bbls. Oil/Dist _____ Bbls. Wtr. _____ Remarks _____

ACID
 Date Treated 2-27-61
 Formation Treated Mississippian
 Treated By Halliburton
 Acid Used 5000 Gallons
 Type & % of Acid 15% Low Tension
 Acid in Formation all
 Bbls. Oil Load 36 Bbls. Wtr. Load _____
 Top 7810' Feet - Bottom 7880' Feet
 Type Packed Used Baker Model "F"
 Set At 7540' Feet

SHOT
 Date Shot None
 Formation Shot _____
 Shot By _____ Size Shell _____ Gly
 Shot (Qts) _____ Powder
 Top Shot _____ Solidified
 Btm. Shot _____
 Tamp Fluid _____ Tamp Solid _____
 Anchor _____
 Cvs in Hole After Shot _____

Test: After Acid or Shot
 Date 3-9-61 Hrs. Tested 24 Bbls. Oil/Dist 153 Bbls. Wtr. 0
 MCF Gas 3351 B.H. Pressure _____ How Produced Flowing
 Gas/Oil Ratio 21.200 Corr. Gravity 71.0 Temp. 60° Csg. Press. _____ Tbg. Press. 1725
 Size Choke 2 1/8" Potential: Bbls. Oil/Dist 158 Bbls. Wtr. 0 Remarks _____

Electrical Survey By See below to _____ Date _____
 Electrical Survey By _____ to _____ Date _____
 Drilled By Loffland Brothers with Rotary Tools
 Drilled in By Reams Well Servicing with Rotary & Swabbing Tools
 I.P. for record 158 bbls Dist., 3351 MCF/D, no water - 24 hrs flowing.

SPECIAL TESTS, PLUG BACK INFORMATION AND REMARKS:

NOTE: Attempted to re-complete well in the McCracken formation from 2-5-61 thru 2-28-61, but unsuccessful. Set Bridge Plug at 8050' with 8' of cement on top of plug, PBTB 8042'. Well is now able to produce from the Mississippian Formation only, but is shut in due to State of Utah Allowable Regulations and no market outlet for the gas.

Electrical Surveys: Schlumberger to 5915' on 8-27-60.
 Schlumberger to 8234' on 9-9-60.
 McCullough to 8251' on 9-12-60.
 Schlumberger to 8430' on 9-17-60.
 Lane-Wells to 8430' on 2-11-61.

Perforated as follows: (Mississippian)
 7810' - 7826' - 4 shots per foot.
 7870' - 7880' - 4 shots per foot.

ORIGINAL SIGNED
 W. W. WEIR

Signed _____

District Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER Utah 01945
UNIT _____
Page 2 of 2

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon
The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1961.
Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed J. Blstrom
Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW 8E Sec. 3 Northwest	30S	24E	3							<p>Baker Model F production packer at 7540'. Perforated 7-5/8" OD casing with (4) 2-1/16" 20 gram jet shots per foot 7810' - 7826' and 7870' - 7880'. Acidized thru perforations with 5000 gals. low tension non-oxidizing acid. Flushed with 75 bbls. crude oil. Turned thru separator 10:30 a.m. 2-28-61. Flowed 2 hours on 32/64" choke. Produced 31 bbls. of condensate, gas metered at 7,350 MCF/D, GOR of approximately 20,000 to 1. Shut well in at 12:30 p.m. 2-28-61</p> <p>I.P. for record from Mississippian formation 3-9-61. Flowed 24 hrs. on 21/64" choke, produced 158 bbls. condensate. Gas metered at 2441 MCF/D. GOR 15,703. TP 17254, API corrected gravity 71.0.</p>

NOTE.—There were See Form 9-361 runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER Utah 015445
UNIT _____

Page 1 of 2

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 61.

Agent's address P. O. Box 265 Company The Pure Oil Company
Moab, Utah Signed J. Blanton

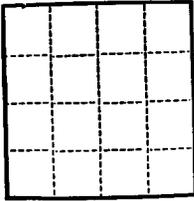
Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 4 Northwest	30S	24E	1	19	3,479	49.7	24,555	-	None	Flowing. Perforated Mississippian formation 8738-8750. Ran 2-7/8" CS Hydril tubing and set in packer at 8680'. Acidized perforations with 5000 gals. low tension non-emulsifying acid. Swabbed well in. I.P. for record 2-22-61. Flowed 2 1/2 hours on 18/64" choke. Produced 296 bbls. oil, 1670 MCF gas per day, GCR 5885, corrected gravity 49.7
NE NW Sec. 3 Northwest	30S	24E	2	21	5,642	46.6	6,809	-	None	Flowing. Lisbon USA-C No. 2
SW SE Sec. 3 Northwest	30S	24E	3	3	22	47.1	-	-	None	Pumping. Lisbon USA-C No. 3 Pulled rods and tubing. Cleaned and drilled out to 8426'. Set 5-1/2" OD liner 8215'-8406' with 15 sax regular and 35 sax Latex cement. Drilled out cement to 8393'. Perforated from 8344'-8352' and 8366' - 8373'. Acidized perforations with 2000 gals. Frac'd with 20,000# of sand and 1425 bbls. crude oil. Swabbed 5 days, recovered 169 bbls. load oil. Ran Baker 7-5/8" cast iron bridge plug on wire line and set at 8200'. Dumped 2 sax cement on top of plug. McCullough perforated Oury formation with 3 - 35 gram jet shots per foot 8116'-8124'. Ran 2-7/8" tubing and set in Baker KBJ packer at 8085'. Acidized perforations with 5000 gals XPW acid. Flushed with 48 bbls. crude oil. Swabbed well dry and recovered all flush oil. Set bridge plug at 8050' with 8' of cement on top. Ran 3-1/2" OD J-55 tubing, set in (Continued on next page)

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-015045
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

_____ March 17, _____, 1961

NW Lisbon USA-C
Well No. 3 is located 765 ft. from IN } line and 2105 ft. from E } line of sec. 3

SW SE Sec. 3 10-8 24-8 Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 8130' PTD 6042'

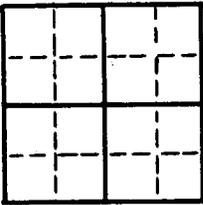
SEE ATTACHED.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 265
Moab, Utah

By J. B. Strong
J. B. Strong
Title District Chief Clerk



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No. U-015445
Indian
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	X
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 17, 1961

Northwest Lisbon USA-C
Well No. 3 is located 765 ft. from {N} line and 2105 ft. from {E} line of Sec. 3

SW SE Sec. 3 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~corner~~ ^{ground} above sea level is 6786 feet. KB elevation 6799 ft.

A drilling and plugging bond has been filed with U. S. Government

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

8430' TD
8042' PBTD

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The Pure Oil Company
Address P. O. Box 265 Moab, Utah
By J. B. Strong
Title District Chief Clerk

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

NOTICES AND REPORTS ON WELLS

Northwest Lisbon USA-C No. 3
Sec. 3-30S-24E
San Juan County, Utah

Pulled rods and tubing. Cleaned and drilled out to 8426'. Set 5-1/2" OD liner 8213'-8406' with 15 sax regular and 35 sax Latex cement. Drilled out cement to 8393'. Perforated from 8344' - 8352' and 8366'-8373' with 4 shots per foot. Acidized perforations with 2000 gallons acid. Sand Frac'd perforations with 20,000 lbs. of sand and 1425 bbls. crude oil. Swabbed 5 days, recovered 169 bbls. load oil. Ran Baker 7-5/8" cast iron bridge plug on wire line and set at 8200' and dumped 2 sax cement on top of plug.

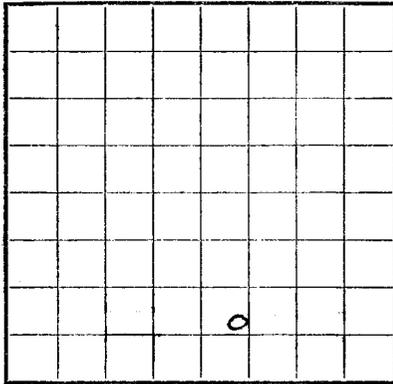
McCullough perforated Ouray formation with three 35 gram jet shots per foot from 8116'-8124'. Ran 2-7/8" tubing and set in Baker EBGJ packer at 8085'. Acidized perforations with 5000 gallons XFW acid. Flushed with 48 bbls. crude oil. Swabbed well dry and recovered all flush oil. Set bridge plug at 8050' with 8' of cement on top. Plug back total depth 8042'.

Ran 3-1/2" OD J-55 tubing, set in Baker Model "F" production packer at 7540'. Perforated 7-5/8" OD casing with four 2-1/16" 20 gram jet shots per foot 7810'-7826' and 7870'-7880'. Acidized through perforations with 5000 gals. low tension non-emulsifying acid. Formation broke from 3500 lbs. to 1300 lbs. With 10 bbls. in formation, pressure increased to 5500 lbs. Pumped slowly for 40 minutes, pressure steady at 5500 lbs. Pressure dropped from 5500 to 3500 lbs. and pumped remaining 2200 gals. acid in formation at 3500 lbs. at 4 bbls. per minute. Flushed with 75 bbls. crude oil. Swabbed well down to 2200' and well started flowing. Turned through separator at 10:30 a.m. 2-28-61. Flowed 2 hours on 32/64" choke. Produced 31 bbls. of condensate, gas metered at 7350 MCF/D, GOR of approximately 20,000 to 1. Shut well in at 12:30 p.m. 2-28-61.

I.P. for record from Mississippian formation - 3-9-61: Flowed 24 hrs. on 21/64" choke, produced 158 bbls. condensate. Gas metered at 2481 MCF/D. GOR 15,703. Tubing pressure 1725 lbs., API corrected gravity 71.0.

Verbal approval obtained from Mr. Jerry Long, USGS Dist. Engineer, on January 19, 1961.

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-015445
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Para Oil Company Address P. O. Box 265, Moab, Utah
Lessor or Tract U. S. Government Field Lisbon State Utah
N. W. Lisbon USA
Well No. C-3 Sec. 3 T. 30-SR. 24-E Meridian Salt Lake County San Juan KB 6799'
Location 765 ft. N. of S. Line and 2105 ft. E. of W. of SW SE, Sec. 3 Elevation Gr. 6786'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date April 25, 1961 Signed J. B. Strong Title District Chief Clerk
~~January 6, 1961~~

The summary on this page is for the condition of the well at above date.

Commenced drilling August 9, 1960 Finished drilling September 16, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 8291' to 8375' (Show only No. 1, from 8291' to 8375')
No. 2, from 7810' to 7826' No. 5, from _____ to _____
No. 3, from 7870' to 7880' No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	91#	8-R	NSS	25'	Compline				Cemented to surface
7-5/8"	29.70#	8-R	NSS	1195'	Float				Production
5-1/2"	26.10#	8-R	NSS	8291'	Float				Production
	20#	8-R	NSS	8213-8406'	Float (Linear)			7810' 7826' 7870' 7880'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	94'	6 yds. Ready Mix	Halliburton		
13-3/8"	1195'	800 sacks	Halliburton		
7-5/8"	8291'	850 sacks & 90 yds.	Latex Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from zero feet to 8125 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Started _____ Put to producing March 9, 1961

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours 3,350,800 Gravity, Bé. _____

Tubing _____ Bbls. distillate per 24 hrs. 158 bbls

Pressure, lbs. per sq. in. 1725 Gallons gasoline per _____

EMPLOYEES

_____, Driller
 _____, Driller
 _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1200'	1200'	1200'	Sand and shale.
1200'	2129'	929'	Sandy shale.
2129'	2871'	742'	Sandy lime.
2871'	3215'	344'	Shale and lime.
3215'	3472'	257'	Sand and lime.
3472'	4258'	786'	Shale and lime.
4258'	7133'	2875'	Salt.
7133'	7461'	328'	Shale, lime and chert.
7461'	7553'	92'	Shale, chert and dolomite.
7553'	7700'	147'	Shale and chert.
7700'	7792'	92'	Shale and lime.
7792'	7958'	166'	Lime.
7958'	8187'	229'	Lime and chert.
8187'	8327'	140'	Lime and dolomite.
8327'	8378'	51'	Core No. 1 - See reverse side.
8378'	8425'	47'	Core No. 2 - See reverse side.
		8425'	TOTAL DEPTH
			PBTD 8042

(OVER)
FORMATION RECORD - CONTINUED

16-48094-4

UNITED STATES

DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D.C. 20250

FORM 8-330

U.S. GOVERNMENT PRINTING OFFICE: 1957

FROM-	TO-	TOTAL FEET	FORMATION
CORE NO. 1	- 8327' - 8378'	Cut and Recovered 51'.	
	10'	- Dolomite, gray, fine xln, dense, slightly glauconitic, few green shale streaks.	
	11'	- Sandstone, light brown, ^{BRID & COY} fine to medium grained, saturated, good bleeding light green oil.	
	9'	- Dolomite and sandstone as above, interbedded.	
	11'	- Sandstone, light brown, fine grained, dolomitic in part, good bleeding (very good bleeding from 8359' - 8361').	
	9'	- Dolomite, light brown, fine xln, dense.	
	1'	- Sandstone, light brown, dense, fine grained, dolomitic.	

CORE NO. 2	- 8378' - 8425'	Cut and Recovered 47'.	
	3'	- Sandstone, light brown to light gray, fine grained, slightly glauconitic, little shale, light green, micaceous.	
	44'	- Dolomite, light to dark gray, fine xln, dense, glauconitic, little streaks light green micaceous shale.	

HALLIBURTON DST NO. 1, 4120' - 4270' Open 10 minutes Initial opening, ISI 30 minutes, open one hour, 35 minute FSI. Tool opened with very weak blow, no gas to surface. Recovered 372' of grilling fluids. Pressures: IH-2175#; ISI 565#; IF 195#; FF 195#; FSI 300#, FH 2175#. Bottom Hole Temperature 100°.

HALLIBURTON DST NO. 2, second run, 5490' - 5825' ISI 30 minutes, open one hour, FSI 30 minutes. Tool opened with good blow throughout test. No gas to surface. Recovered 255' of gas and salt water. Pressures: IH 2955#; ISI 345#; IF 168#; FF 168#; FSI 190#, FH 2925#. Bottom Hole Temperature 150°.

HALLIBURTON DST NO. 3, 8291' - 8425' Tool open 10 hours. Opened with a fair blow, increased to good blow in 10 minutes. Gas to surface in 26 minutes, estimated at 4 MCF per day. Recovered 6000' of oil. Pressures: 30 minute ISI 2380#; IF 495; FF 1308#; 66 minute FSI 1876; IH & FH 3815#. Bottom Hole Temperature 100°.

Set 36" Cal Seal Plug, by McCullough line, from 8430' to 8394' with 8 sacks Cal Seal. Set 11" Hydromite Plug on top of Cal Seal Plug from 8394' to 8380' with 300 lbs. Hydromite. Top of plug at 8369', drilled out to 8375' FBID.

Acidized open hole, McCracken formation, 8291' - 8375' with 1000 gallons XFW acid at four barrels per minute down tubing, maximum pressure 4800 lbs., minimum 4300 lbs.

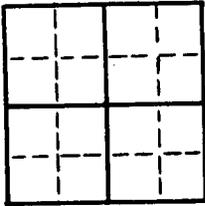
Sand frac to same formation above, down 7-5/8" OD casing and 2-7/8" OD tubing at the same time, with 11,200 lbs. of 20/40 sand, 2500 lbs. of 10/20 sand and 386 barrels of crude oil. Maximum injection rate 26 barrels per minute, 24 barrels minimum injection rate. Average casing pressure 3650 lbs., average tubing pressure 4250 lbs. Flushed with 410 barrels of crude. Used total of 1349 barrels crude for sand frac and acid job.

IMPORTANT MARKERS		SHOULDER RECORD	
Merrosa	2330'	(+4569)	
Paradox "A"	3982'	(+2817)	
Paradox "B"	4230'	(+2569)	
Salt Top	4318'	(+2481)	
Salt Base	7348'	(- 519)	
Molas	7538'	(- 739)	
Mississippian	7572'	(- 773)	
Ouray	8031'	(-1232)	
Elbert	8127'	(-1328)	
McCracken	8296'	(-1497)	
Cambrian	8385'	(-1586)	

FORM MARK

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No. U-015145.....
Indian
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	X
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... April 25, 19 61

Northwest Lisbon USA-C
Well No. 3 is located 765 ft. from {S} line and 2105 ft. from {E} line of Sec. 3

SW SE Sec. 3 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Northwest Lisbon San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~corner~~ ground above sea level is 6786 feet. KB elevation 6799 ft.

A drilling and plugging bond has been filed with U. S. Government

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

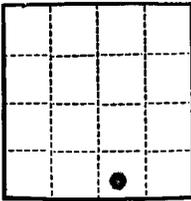
Following is the corrected I.P. for Record. This should be attached to the Sundry Notice Dated March 17, 1961.

I.P. For Record - Mississippian Formation 3-9-61. Flowed 24 hours on 21/64" choke. Produced 158 bbls. condensate. Gas metered at 3351 MCF/D. GOR 21,208. Tubing pressure 1725 lbs., API corrected gravity 71.0

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company The Pure Oil Company
Address P. O. Box 265 Moab, Utah
By J. B. Strong
Title District Chief Clerk

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



Sec. 3

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-015045
Unit Lisbon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 18, 1962

Lisbon Unit
Well No. C-93 is located 765 ft. from {N} line and 2105 ft. from {E} line of sec. 3
SW SE Sec. 3 30S 24E T1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~water surface~~ ground above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well designation changed due to unitization of Lisbon Field effective 5/1/62.

OLD DESIGNATION

Northwest Lisbon USA "C" #3

NEW DESIGNATION

Lisbon Unit #C-93

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

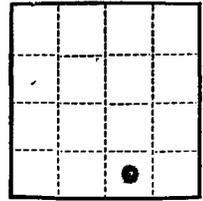
Company THE PURE OIL COMPANY
Address P. O. Box 265
Moab, Utah
Alpine 3-3581
By L. K. Coggan
Office Manager
Title _____

Send
also
file
210

Copy H. L. E.

Budget Bureau No. 42-R358.4.
Form Approved.

Form 9-381a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-015445
Unit Lisbon

Sec. 3

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Gas Injection Well

May 6, 1963

Lisbon Unit
Well No. 0-93 is located 765 ft. from S line and 2105 ft. from E line of sec. 3

SW SE Sec. 3 (1/4 Sec. and Sec. No.) 30E (Twp.) 24E (Range) SLM (Meridian)

Lisbon (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~measured~~ ground above sea level is 6786 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well classification changed from Shut In Gas Well to Gas Injection Well as of April 18, 1963.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY
Address P. O. Box 1338
Noah, Utah
253-3581
By [Signature]
L. K. Cogran
Title District Office Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other instructions
reverse side)

ATE*
a re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake - U-015445

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Gas Injection Well		7. UNIT AGREEMENT NAME Ligon Unit
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Ligon Unit
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming		9. WELL NO. C-93
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 765' FSL and 2,105' FEL, SW SE		10. FIELD AND POOL, OR WILDCAT Ligon - Mississippian
14. PERMIT NO.		11. SEC. T. R. M. OR BLK. AND SHELVY OR AREA Sec. 3, T-306, R-24E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) OL 6,786'		12. COUNTY OR PARISH San Juan
		18. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplemental Well History <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pulled tubing collar stop.

On May 12, 1966, rigged up Halliburton pump truck and killed well by pumping approximately 90 barrels of salt water down tubing.

Ran McCullough 2-1/16" tubing strip gun and perforated casing with two 22 gram MacJet shots per foot from 7,834' - 7,870' and 7,912' - 7,926'.

Perforating done to increase gas injectivity in Mississippian formation.

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY
SIGNED R. E. DAVIS TITLE District Office Manager DATE 7-15-66
R. E. Davis

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP: TE re
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Gas Injection Well</p> <p>2. NAME OF OPERATOR Union Oil Company of California</p> <p>3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82601</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 765' FSL & 2105' FEL (SW SE)</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-015445 - Salt Lake</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Lisbon Unit</p> <p>8. FARM OR LEASE NAME Lisbon Unit</p> <p>9. WELL NO. C-93</p> <p>10. FIELD AND POOL, OR WILDCAT Lisbon - Mississippian</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T.30S., R.24E.</p> <p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) G.L. 6786'</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

No notice of intention to repair the Lisbon Unit Well #C-93 was submitted due to the fact that no repair was anticipated. The plan was to replace a valve on the tubing spool and in the process a leak was discovered at one of the wellhead flanges. The wellhead pressure indicated a possible tubing leak. The well is presently shut in pending partner approval to pull the tubing and repair the tubing or casing failure. A copy of the work performed to determine the failure is attached. You will be advised prior to the commencement of future repairs.



18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 7-13-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

4-7-76

SITP 1450#. SICIP 1200#. Pumped 65 bbls. water down tubing (Tubing Vol.), T.P. zero, then opened casing on 3/4" choke and flowed gas at 5 to 7 MMCF/D rate for 2 hours while pumping total of 120 bbls. water down tubing. SICIP 1100#. (1) 1200#. T.P. 0. Opened casing on 3/4" choke. Flowed gas at 5 to 7 MMCF/D rate for 2 hours while pumping a total of 310 bbls. water down tubing. ISDCP 1100#. (1) SICIP 1200#. T.P. zero. S.I. & S.D.O.N.

4-8-76

SITP (22 Hrs) 1450#. SICIP (22 Hrs) 1200#. Ran Temp. Survey, 7548' to surface. Log went off scale at 5910' going in and coming out. Interpreted as fluid level in tubing. Possible hole in casing and gas entry. Ran free pipe log, 7540' to 5550'. Found top of fluid at 5650'. Log indicates 60% stuck at 7540-7449'; 50-70% stuck at 7449-7000'; 40-60% stuck at 7000-6220'; 10-30% stuck at 6220-5910'; and free at 5910' to 5550'. Tool pulled through tight spot in tubing, 7449-7430'. Flowed well at 12 MMCF/D rate for 3 hours while running survey. S.D.O.N.

4-9-76

SICIP (13 Hrs) 1125# - new gage. Tightened bolts on well head flange. No leak. Ran McCullough Noise Log while flowing well on 1/4" choke-1 hour, 1/2" choke-2 hours, with indication of gas entry thru hole in 7-5/8" casing at 3950-3994'. No other indication of hole. Then flowed well on 3/4" choke for 1 hour with weak noise signal at 7420-7456' indicating some gas or fluid movement outside or inside 7-5/8" casing. Tubing appears to be O.K. from log. Checked ETD with 1-3/4" sinker bar at 8036'. Flowed well to pits for 1 hour on 3/4" choke. ISICIP 1050#. (60) 1100#. (13 1/2 Hrs) 1100#.

4-10-76

Checked tubing and casing pressure. Shut down.

4-11-76

S.D. 24 hours.

4-12-76

S.D. 24 hours.

4-13-76

SITP (60 Hrs) 1890#. SICIP 1075#. Pumped down tubing with 80 bbls. 240° hot oil followed by 100 bbls. 240° hot water at 2 bpm; tubing on vac. Dowell pumped 75 bbls. formation water and 11 bbls. fresh water at 2 bpm and vac. Pumped 50 sacks (14 bbls.) Dowell's RFC cement with 10% D53, 1% D33, mixed at 14.3#/gallon followed by 50 sacks (10 bbls.) regular class "G" cement with 1% D60, 0.1% D13, mixed at 15.6#/gallon with 1/4# cellophane/sx. cement in last 4 bbls. RFC cement and 50 sacks regular cement, displ. with 22 bbls. fresh water and S.D. Checked F.L. with swab at 1000'. S.D. 10 mins. Checked F.L. at 1450'. S.D. 10 mins. Checked F.L. 1450'. Pumped 10 bbls. water and tubing full. Pumped 43 bbls. water at 2 bpm at 0 pressure. Total displ. 67 bbls. S.D. with tubing standing full. S.I. S.D.O.N.

4-14-76

SITP (13 Hrs) 600#. C.P. 1050#. Opened casing on 3/4" choke and flowed gas to pit. Pumped 8 bbls. water down tubing and tubing loaded. Pumped 20 bbls. water down tubing at 3/4 bpm at 1100#. Increased rate to 1 bpm at 1600#. Broke to 1300# with 25 bbls. away; 1000# w/28 bbls. away; 800# w/32 bbls. away; and the gas flowing out of the casing became wet with slight water mist. Pumped total 40 bbls. down tubing at 1 bpm at 800#. Increased rate to 1-1/2 bpm at 800# to 1200# T.P. Broke to 1100#. Flowing gas with heavy water mist out the casing. SICIP 850# with 48 bbls. away. T.P. increased from 1100-1175#, SICIP 850-950#. W/53 bbls. away, T.P. 1225#, SICIP 950#. W/64 bbls. away, T.P. 1300#, SICIP 960#. W/65 bbls. away, T.P. 1325#. Open casing to pit holding 375# back pressure. W/83 bbls. away, T.P. 1400#, C.P. 600#, flowing gas cut water. W/89 bbls. away, T.P. 1350#, C.P. 650#. W/99 bbls. away, T.P. 1325#, C.P. 700#, & S.D. pump. ISITP 300#. ISICIP 620#.

4-14-76

T.P. (10) 300#. C.P. (10) 600#. T.P. (30) 300#. C.P. (30) 1000#. Pumped down tubing at 1-1/2 bpm at 900#. SICP 1000#. W/109 bbls away, T.P. 1000#, SICP 1000#. W/127 bbls. away, T.P. 1100#, SICP 1000#. W/136 bbls. away, T.P. 1100#. Opened casing holding 750# back pressure. W/162 bbls. away, T.P. 1000#, C.P. 550#. W/196 bbls. away, T.P. 1100#, C.P. 500#. W/241 bbls away, T.P. 1350#, C.P. 450#. W/325 bbls. away, T.P. 1300#, C.P. 200#. S.D. ISITP 300#. Flowing C.P. 100#. T.P. (5) 300#. FCP 150#. T.P. (15) 300#. FCP 425#. Shut in casing. Pumped down tubing at 2 bpm at 1350#. SICP 550# W/345 bbls. away, T.P. 1400#, SICP 550#. Opened casing holding 500# back pressure. W/390 bbls. away, T.P. 1400#, C.P. 575#. W/430 bbls. away, T.P. 1350#, C.P. 650#. W/483 bbls. away, T.P. 1400#, C.P. 600#. W/500 bbls. away, T.P. 1400#, C.P. 600#. S.D. SITP zero. SICP 750#. (15) 800#. Flowed well out casing to pits 2-1/4 hours on various chokes, 19/64" to 32/64". SITP 200#-115#, FCP 820-890#. SITP 115#, SICP 910#, SITP (13 Hr) 160#, SICP (13 Hrs) 950#.

4-15-76

Opened well to pit and flowed gas with heads of water out casing on 32/64" to 24/64" choke/1-1/2 hours. Flowing C.P. 900#-875#-950#-925#. SITP 155#-130#-135#-130#. Shut well in. Released rig. Prep. to install temp. production equipment to flow casing-tubing annulus.

Flowed well to injection plant. Shut well in. SITP 21 days - 300 psi.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-015445 - Salt Lake

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Gas Injection Well

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

765' FSL & 2105' FEL (SW SE)

7. UNIT AGREEMENT NAME
Lisbon Unit

8. FARM OR LEASE NAME
Lisbon Unit

9. WELL NO.
C-93

10. FIELD AND POOL, OR WILDCAT
Lisbon - Mississippian

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T.30S., R.24E.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6786' G.L.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF
PULL OR ALTER CASING
FRACTURE TREAT
MULTIPLE COMPLETE
SHOOT OR ACIDIZE
ABANDON*
REPAIR WELL
CHANGE PLANS
(Other)

SUBSEQUENT REPORT OF :

WATER SHUT-OFF
REPAIRING WELL
FRACTURE TREATMENT
ALTERING CASING
SHOOTING OR ACIDIZING
ABANDONMENT*
(Other)
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to repair the tubing and casing failure; however, if this proves unsuccessful, the well will be plugged and abandoned upon approval.

(See Attached Plan of Procedure)

APPROVED BY THE DIVISION OF

Nov. 6, 1976
P. G. Ladd, Jr.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 10-29-76

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY :

TITLE _____

DATE _____

Union Oil Company of California
Lisbon Unit #C-93
10-28-76
Pg. 2

PLAN OF PROCEDURE:

- 1) MIRU well service rig.
- 2) Blow down and kill well. Check pressure on 13-3/8" - 7-7/8" annulus.
- 3) Remove tree and install BOP.
- 4) Attempt to pull tubing.
- 5) If tubing free, POOH.
 - a) Run bit to packer @ 7540'.
 - b) Run retrievable packer on tubing.
 - c) Check casing for leak.
 - d) Isolate and repair.
- 6) If tubing is stuck:
 - a) Run free point and check for tight spot in tubing 7430' - 7449'.
 - b) If cutter (2-3/4" OD) will go below tight spot, cut off tubing 7540' - 7510'. (First joint above packer - depending on free point)
 - c) If casing is found to be collapsed on tubing and cannot be cut off below collapse, squeeze off channel and existing perfs and leak in 7-5/8" casing, and abandon well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-015445 - Salt Lake

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL GAS WELL OTHER Gas Injection

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 2620 - Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

765' FSL & 2105' FEL (SW SE)

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

C-93

10. FIELD AND POOL, OR WILDCAT

Lisbon - Mississippian

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3, T.30S., R.24E.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6786' G.L.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well developed a tubing leak. An attempt to kill the well with water in order to pull the tubing was unsuccessful. Several surveys were run indicating a casing failure and possible casing collapse. A 100-sack cement plug was pumped down the tubing and displaced to 7600', 60' below the permanent production packer and above the casing perfs. The top of the cement is at 7618' as determined at a later date by running sinker bars on an electric line.

A spinner and temperature survey was run which indicated holes in the 3-1/2" tubing from 7440-7515'. A free point tool was run indicating the tubing is stuck with no movement at 6585'. A pipe recovery survey was run indicating tubing stuck from 6563-6760' and then partially stuck from 6760' to 7540'.

Union proposes to spot a 400-sack cement plug from 7400' to 6000' in the tubing and 7-5/8" x 3-1/2" annulus while squeezing approximately 100 sacks cement to the formation. The tubing will be cut and the 7-5/8" casing tested for leaks. The leaks below 4500' will be squeezed. There is the possibility of a hole at approximately 3900'. Depending on whether this hole exists and the amount of free casing, the 7-5/8" casing will be either squeezed or cut and pulled with the necessary cement plugs set.

(Verbal approval received from E. A. Schmidt, U.S.G.S., Durango, Colorado, on 11-9-76.)

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.
R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

11-10-76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

B. J. Ke

DATE

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE:

BY:

P. J. Russell
P. J. Russell

*See Instructions on Reverse Side

IK.O

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-015445 - Salt Lake

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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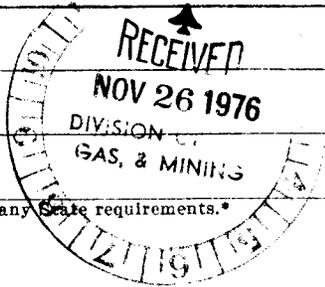
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2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

765' FSL & 2105' FEL (SW SE)



7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

C-93

10. FIELD AND POOL, OR WILDCAT

Lisbon - Mississippian

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3, T.30S., R.24E.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6786' G.L.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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8430' T.D.

MIRU service unit. Casing pressure zero. Tubing pressure 350#. Bled tubing pressure to zero/20 mins. Picked up and worked tubing 5 hours pulling maximum 100,000#. Pumped 20 bbls. water down tubing and tubing loaded. Circulated down tubing and out casing with additional 50 bbls. water. Tubing stuck at approximately Baker Model "F" packer at 7540' by stretch.

Ran free-point tool to 6585'. Tool indicates 3-1/2" tubing free at 6550' and 100% stuck at 6585'. Worked tubing pulling from 55,000-85,000#/1/4 hours with no change. P.O.O.H. with free-point tool and ran 2-3/4" OD gage ring to packer at 7540' with slight drag, 7444' to 7540'.

Ran Temperature and Spinner Survey, 7557-6000', while circulating tubing with 65 bbls. water at 3/4 bpm at 200#. Survey indicated fluid exit 7440' to 7515' with most of the fluid going out at 7440'. Ran pipe recovery log. Log indicates tubing 100% stuck, 6563-6712'; 100% to 85% stuck, 6712' to 6760'; and free with spots 70% stuck from 6760' to 7540'. P.O.O.H. with logging tool.

Spotted 100-sack cement Plug #1 in 7-5/8" casing from 7618-7810'.. Ran sinker bars and checked top of cement in 7-5/8" casing at 7618'.

(CONTINUED ON ATTACHED SHEET)

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.
R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

11-23-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Union Oil Co. of Calif.
Lisbon Unit Well No. C-93
11-23-76
Page 2

Spotted 400 sack cement Plug #2 down 3-1/2" tubing from 6000' to holes in tubing at 7440' and 7440' to 5050', calculated fill in the 3-1/2" x 7-5/8" annulus.

Tubing full of water and casing on slight vac. after 19-hour shut in. Pumped 20 bbls water down 3-1/2" x 7-5/8" annulus to load, then pumped 14 bbls. water at 1 1/2 bpm at 300# down annulus with no change in tubing fluid level. Ran 2-3/4" OD gage ring with one 1-3/4" sinker bar to 3923' and set down. P.O.O.H. Ran 26' of 1-3/4" sinker bars to 3930' and set down. Worked down to 3986'. P.O.O.H. Ran 7' of 3/8" string shot rod, 1-11/16" collar locator, 12' of 1-3/8" sinker bars to 3983' and set down. Worked to 3996' with no sticking. P.O.O.H. Ran 30' of 1-3/4" sinker bars, jars w/1" chisel bottom to 3996' and set down. Worked down to 4002' with no sticking. P.O.O.H. Picked up and stretched tubing. Stretch indicates tubing stuck at approximately 6000'. S.D.O.N.

Ran 8' long 3/8" OD back-off string shot rod & 7/8" OD collar locator to 3923' and set down. Worked down hole to 3926'. P.O.O.H. Ran 30' of 1-3/4" sinker bars and set down at 3923'. Worked down to 4002' 1/2 hour with bars sticking at 4002'. P.O.O.H. Ran 7/8" sinker bars to 4002' and set down. P.O.O.H. Attempted to manually back off tubing without success. Checked tubing stuck point by stretch method and found tubing stuck at 4000'. Ran chemical cutter to 3920' and set down. Picked up and cut tubing at 3916'.

P.O.O.H. with tubing hanging up every joint approximately every 30', (Total 54 joints) then pulled free.

Ran 6-1/8" gage ring and junk basket on electric line to 2155' and set down. Picked up and bumped tools down twice with tools falling thru, O.K. Picked up and ran thru spot O.K. with two distinct kicks on collar locator 4' apart at 2155'-2159'. Ran tools to 3775' O.K. P.O.O.H. with no drag. Ran pipe recovery log to 3700', O.K. Log indicates casing 100% stuck, 1325-1350'; 60%, 1375-1400'; 40-60%, 1400-1430'; 40%, 1430-1450'; 100%, 1450-1467'; 40%, 1467-1475'; 100%, 1475-1485'; 40%, 1485-1535'; 85%, 1535-1540'; 40%, 1540-1715'; 90%, 1715-1720'; 100%, 1720-1730' and 30-70%, 1730-3700'. P.O.O.H. with logging tool O.K.

Ran Baker cement retainer on 3-1/2" tubing and set at 3686'. Pumped to formation above retainer at 4 bpm at 700# with 60 bbls. water. No returns out 13-3/8" casing. Set down and opened retainer. Pressured casing below retainer to 1500# 1/2 hour with no bleed off. Pulled stinger out of retainer and spotted 50-sx. Howco Lite-Wt. cement Plug #3 from 3686' to 3316'. Pulled tubing to 1824'. Cemented casing failure at 2155-2159' with 350 sacks cement at 4 bpm at 250#, gradually increased to 1000# with 410-sack cement Plug #4. S.D. 5 mins with no pressure bleed off. Reversed 8 bbls. cement to pit.

Perforated 7-5/8" casing at 1200' with 4 holes. Pumped 100 bbls. water down 7-5/8" casing and out 13-3/8" casing at surface. Ran cement retainer on 3-1/2" tubing & set at 1012'. Mixed and pumped 285 sacks cement down 3-1/2" tubing, displacing 240 sacks below retainer. Pulled out of retainer and dumped 35 sx. cement above retainer from 1012' to 822'. Calculated cement fill in 13-3/8" x 7-5/8" annulus is from 1200' to 745'. Pulled tubing to 120' and spotted 25-sack cement Plug #5 to surface. P.O.O.H. with tubing. Cut off 7-5/8" casing below slips. Welded cap on 13-3/8" casing. Installed dry hole marker.

Well plugged & abandoned 11-22-76.