

# FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land \_\_\_\_\_

Checked by Chief [Signature]

Copy NID to Field Office ✓

Approval Letter [Signature]

Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed \_\_\_\_\_

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log \_\_\_\_\_

Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat [Signature] Mi-L \_\_\_\_\_ Sonic [Signature] Others \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**The Pure Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1611 - Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface **660' FSL and 2300' FWL, SE SW**  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) **340'**

16. NO. OF ACRES IN LEASE  
**5,878.76 Part. Area**  
**20,911.92 Unit Area**

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **3,600'**

19. PROPOSED DEPTH  
**9,000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Ungraded ground 6,176' KB will be furnished later**

22. APPROX. DATE WORK WILL START\*  
**Sept. 1, 1964**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	60'	To surface
13-3/4"	10-3/4"	40.5#	1,200'	To surface
8-3/4"	5-1/2"	17# & 15.5#	9,000'	With sufficient cement to meet conditions encountered.

Propose to drill a Mississippian development well with rotary tools and mud as necessary to an estimated depth of 9,000'.

The objective pay is the Mississippian Formation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. ORIGINAL SIGNED BY  
 SIGNED R. E. DAVIS TITLE District Office Manager DATE August 27, 1964  
R. E. Davis  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.  
**U.S.A. SL 070419**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Lisbon Unit**

8. FARM OR LEASE NAME  
**Lisbon Unit**

9. WELL NO.  
**B-99**

10. FIELD AND POOL, OR WILDCAT  
**Lisbon Field**  
**Lisbon - Mississippian**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 9, T-30S, R-24E**  
**S.L.P.M.**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**



August 31, 1964

The Pure Oil Company  
P. O. Box 1611  
Casper, Wyoming

Attention: Mr. R. E. Davis

Re: Well No. Big Indian Unit #5  
Sec. 29, T. 29 S., R. 24 E.,  
San Juan County, Utah

Well No. Lisbon Unit B-499  
Sec. 9, T. 30 S., R. 24 E.,  
San Juan County, Utah

Gentlemen:

It has come to the attention of this office that several wells completed in the state left water-bearing formations exposed behind the annulus of the production string. In some instances, this resulted in contamination due to the migration of oil, gas and salt water from adjacent strata.

After checking your Notices of Intention to Drill the above named wells, it appears that the proposed casing programs will be adequate. However, we would like to point out that if water-bearing aquifers are encountered, it will be necessary for you to take this matter under consideration and adjust the amount of casing and cement to be used in such a manner that these saturated sands will be protected.

Your cooperation with respect to the contents of this letter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURGHELL  
CHIEF PETROLEUM ENGINEER

FWB:bs

cc: H. L. Counts, Pet. Eng., Box 266, Moab, Utah  
U. S. Geological Survey, 8416 Federal Building, Salt Lake City, Utah  
State Engineers Office, 403 State Capitol Building, Salt Lake City, Utah  
Water Pollution Control Board, 45 Fort Douglas Boulevard, Salt Lake City, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRI  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL 070449

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 to 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"/> <b>Drilling Well</b>		7. UNIT AGREEMENT NAME <b>Lisbon Unit</b>	
2. NAME OF OPERATOR <b>The Pure Oil Company</b>		8. FARM OR LEASE NAME <b>Lisbon Unit</b>	
3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming</b>		9. WELL NO. <b>B-99</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FSL and 2300' FWL, SE SW</b>		10. FIELD AND POOL, OR WILDCAT <b>Lisbon - Mississippian</b>	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 9, T-30S, R-24E</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>L &amp; S - GL 6,158', DF 6,170'</b>		12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> <b>Supplementary Well History</b>	

(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.)\*

Drilled 2 1/4" hole to 29' with dry hole digger. On 9-12-64 set 21' 16" OD 65# conductor pipe 1 1/2' below ground level. Cemented with 15 sax regular cement and one yard of pea gravel.

Spudded at 11:45 p.m. 9-13-64. Drilled 13-3/4" hole to 1,130'.

Set 36 joints of 10-3/4" OD 40.5# 8 Rd. Thd. J-55 casing with ST&C, with 1 - 10-3/4" Howco guide shoe on bottom and 1 - 10-3/4" OD insert float valve 33' up from bottom, at 1,125'. Halliburton cemented with 550 sax 50-50 Pozmix with 2% gel and 2% calcium chloride added to mixing water. Good returns throughout job. Cemented to surface. Job complete at 10:00 p.m. 9-16-64. Now W.O.C.

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

SIGNED

*L. K. Coggan*  
**L. K. Coggan**

TITLE **District Chief Clerk**

DATE **9-17-64**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-R3665  
Land Office Salt Lake  
Lease Number USA SL 070449  
Unit Lisbon 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 1964.

Agent's address P. O. Box 1611 Company The Pure Oil Company  
Casper, Wyoming Signed R. E. Davis  
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cuft of Gas (In Thou.)	Gal. of Gasoline Recovered (If None so state)	Bbls. of Water (If None so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE SW Sec. 9	30S	24E	899							<p>Drilled from 4,601' to 8,675'. Cored to 8,695' TD. Drilling completed 10-14-64. Ran electric logs.</p> <p>Log Tops: Paradox 4,546' (+1612) Top of Salt 4,878' (+1280) Base of Salt 8,220' (-2062) Molas 8,318' (-2160) Miss. 8,390' (-2232)</p> <p>Ran 272 jts. of 5-1/2" OD 17# and 15.5# J-55 LTRC casing with Howco float shoe, float collar and fillup and two stage pack off collar. Two stage pack off collar set at 8,442' KB. Ran 7 centralizers spaced from bottom to 60' above two stage collar and two canvas insert cement baskets - 1 - 10' below two stage collar and 1 - 15' above two stage collar. Casing landed at 8,694' KB. Cemented in two stages. 1st Stage: Cemented with 125 sax 50-50 Pozmix, 2% gel, salt saturated, with 3/4# of CFR2 per sack added to mix. Displaced with mud. Plug down at 11:30 p.m. 10-15-64. Waited 1 hour on opening tool to fall to bottom and open two stage collar and set pack off. 2nd Stage: Cemented with 1,535 sax 50-50 Pozmix, 2% gel, salt saturated, with 3/4# CFR2 per sack added to mix. Displaced with salt water. Plug down at 2:00 a.m. 10-16-64. Rig released at 1:00 p.m. 10-16-64.</p> <p>Barker Well Service moved in and rigged up on 10-19-64. Drilled out two stage collar and drilled out to 8,659' PBM. McCullough perforated 10-22-64 with 4 - 35 gram shots per foot from 8,644' to 8,648'.</p> <p>Set Model R-2 packer at 8,602', bottom of tubing at 8,631'. Began swabbing. Swabbed well down to 8,631'. Recovered load water, drilling mud and small amount of gas. Acidized perforations 8,644' - 8,648' on 10-25-64 with 200 gals. CRA. Swabbed well in after being shut in overnight. Tested well through separator on 14/64" choke.</p>

See Lisbon Unit Report

Note—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ If 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-23363.  
Land Office Salt Lake  
Lease Number USA SL 070449  
Unit Lisbon 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 1964

Agent's address P. O. Box 1611 Company The Pure Oil Company  
Casper, Wyoming Signed R. E. Davis  
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. ft. of Gas (In Thousands)	Gal. of Gasoline Recovered (If None suit of test for gasoline so state)	Bbls. of Water (If drilling, depth; if shut down, cause; date and re-converted (If None suit of test for gasoline so state)	REMARKS (If drilling, depth; if shut down, cause; date and re-converted (If None suit of test for gasoline so state)
Lisbon Unit B-99 - Continued										
Produced 211.23 bbls. of oil, no water, in 17-1/2 hours. Gas measured at 391 MCFD. Flowing TP 750#.										
On October 30, 1964, killed well with fresh water. Pulled tubing and packer. McCullough perforated 4 holes per foot 8,547' - 8,551'; 8,570' - 8,574'; 8,610' - 8,615'. Ran tubing. Set Baker Model R packer at 8,592', Baker Model C retrievable bridge plug at 8,634', bottom of tubing at 8,617' to test perforations 8,610' - 8,615'. Swabbed well in. On 17 hour test 10-31-64, 36/64" choke, well produced at an average rate of 10.2 BOPH, a total of 173.40 bbls. of oil, no water, gas measured at 400 MCFD, flowing TP 225#. Testing - Incomplete.										

See Lisbon Unit Report

Note--There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ 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.

) STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U.S.A. SL 070449**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Lisbon Unit**

8. FARM OR LEASE NAME

**Lisbon Unit**

9. WELL NO.

**B-99**

10. FIELD AND POOL, OR WILDCAT

**Lisbon - Miss.**

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

**Sec. 9, T-30S, R-24E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER **Drilling Well**

2. NAME OF OPERATOR  
**The Pure Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1611 - Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**660' FSL and 2300' FWL, SE SW**

14. PERMIT NO.

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

**L & S - GL 6,158', DF 6,170**

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)

**Supplementary Well History**

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.)\*

**Drilled from 1,130' to 8,675'. Core No. 1 - 8,675' - 8,695'. Cut and Recovered 20'. 8,695' TD. Drilling completed 10-14-64. Ran electric logs.**

**Ran 272 jts. 5-1/2" OD 17# and 15.5# J-55 LTR-C casing with Howco float shoe, float collar and fillup and two stage pack off collar. Two stage pack off collar at 8,442' KB. Ran 7 centralizers spaced from bottom to 60' above two stage collar, and two canvas insert cement baskets - 1 - 10' below two stage collar and 1 - 15' above two stage collar. Casing landed at 8,694' KB. Cemented in two stages. 1st Stage: Cemented with 125 sax 50-50 Pozmix, 2% gel, salt saturated, with 3/4# of CFR2 per sack. Displaced with mud. Plug down at 11:30 p.m. 10-15-64. Waited one hour on opening tool to fall to bottom to open two stage collar and set pack off. 2nd Stage: Cemented with 135 sax 50-50 Pozmix, 2% gel, salt saturated, with 3/4# of CFR2 added per sack. Displaced with salt water. Plug down at 2:00 a.m. 10-16-64. Now W.P.C.**

LOG TOPS:

Paradox	4,561' (+1609)
Top of Salt	4,893' (+1277)
Base of Salt	8,235' (-2065)
Molas	8,333' (-2163)
Miss.	8,405' (-2235)

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

SIGNED

*[Signature]*

TITLE **District Chief Clerk**

DATE **10-16-64**

(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 FULL  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U.S.A. SL 070449**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Lisbon Unit**

8. FARM OR LEASE NAME

**Lisbon Unit**

9. WELL NO.

**B-99**

10. FIELD AND POOL, OR WILDCAT

**Lisbon - Miss.**

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

**Sec. 9, T-30S, R-24E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER **Drilling Well**

2. NAME OF OPERATOR

**The Pure Oil Company**

3. ADDRESS OF OPERATOR

**P. O. Box 1611 - Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface **660' FSL and 2300' FWL, S<sup>W</sup> SW**

14. PERMIT NO.

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

**L & S GL 6,158'; DF 6,170'**

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) **Supplementary Well History**

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.)\*

**SEE SUPPLEMENTAL SHEET ATTACHED**

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

SIGNED

TITLE **District Office Manager**

DATE **10-28-64**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

The Pure Oil Company  
P. O. Box 1611 - Casper, Wyoming  
Lisbon Unit B-99  
660' FSL and 2300' FWL, SE SW  
Sec. 9, T-30S, R-24E  
San Juan County, Utah

Lease No: U.S.A. SL 070449  
Supplementary Well History

October 28, 1964

8,695' TD; 8,659' PBTD

On 10-21-64 Barker Well Service moved in and rigged up. Rigged up rotating head. Drilled out to 8,659'. Ran McCullough collar locator, bond log and correlation tool from 8,657' to 4,600'. Good cement bonding indicated to top of salt.

Ran McCullough super casing gun and perforated from 8,644' to 8,648' with 4 - 35 gram shots per foot. Ran tubing and packer. Set Model R-2 packer at 8,602'. Bottom of tubing at 8,631'. Ran swab. Found fluid level 2,100' below surface. Swabbed well down to bottom of tubing at 8,631'. Recovered load water, drilling mud and small amount of gas. Continued to swab and recovered small amount of gas, and trace of oil, heavily cut with drilling mud. Shut down for night.

Well shut in tubing pressure 200#. Ran swab and found fluid level at approximately 7,000' below surface. Recovered an estimated 6 bbls. of oil, no water, good blow of gas. Continued to swab at one - two hour intervals. Fluid entry into well bore would range between 200' and 500'. Recovered 100% oil on each run of swab. Gas volume appeared to be increasing with each run of swab. Shut well in for night.

Shut in tubing pressure on morning of October 25, 1964, 575#. Opened well to pit. After head of gas had blown off, well began flowing oil with no evidence of water. Flow rate estimated 5-10 bbls. per hour. Shut well in. Swabbed tubing dry. Continued to swab at one hour intervals. Fluid entry into well bore was too slow for well to continue flowing. Shut down for night.

On October 26, 1964, opened well to pit. Flowed 45 minutes and died. Produced an estimated 10 bbls. of oil, no evidence of water. Treated perforations 8,644' to 8,648' with 200 gals. CRA as follows: Swabbed tubing dry. Pumped 5 bbls. of acid into tubing. Followed with 50 bbls. of fresh water. When 47 bbls. of water had been pumped into tubing, tubing pressure increased to 300#. Shut down pump. Pressure decreased to 100# in 5 minutes. Continued pumping to increase pressure to 300#. Shut down pumps and waited until pressure decreased to 100#. When acid was completely displaced in tubing, well went on vacuum. Used three bbls. of fresh water for over displacement before shutting well in for night.

Shut in tubing pressure 775#. Swabbed well in. Tested through separator. Flowing on 14/64" choke. Flowing tubing pressure 680# at rate of 16 bbls. of oil per hour, no water, gas measured at 34 MCFD. Testing - Incomplete.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SALT LAKE  
LEASE NUMBER USA 61 07049  
Lisbon 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 19 64

Agent's address P. O. Box 1611 Company The Pure Oil Company  
Casper, Wyoming Signed R. E. Davis  
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu ft. of Gas (in "chokes")	Gal. of Gasoline Recovered (if none state)	Bbls. of Water Recovered (if none state)	REMARKS (If drilling, specify depth, casing, etc. and recovery of test for gasoline)
Lisbon Unit B-99 - Continued										
8,521' - 8,525' and 8,530' - 8,534' with 350 gals. of 15% OMI. Pressured to 1500# before formation took acid. Swabbed well in. On 21-1/2 hour test 11-19-64 to 11-20-64, 1 1/2/64" choke, flowed 271 bbls. of oil, 18 bbls. of water, gas measured at 433 MCFD, flowing TP 800#.										
Killed well with salt water on November 20, 1964. Pulled tubing, packer and bridge plug. Re-ran 2-7/8" OD 6.50# tubing and packer. Set packer at 8,305', bottom of tubing at 8,637'. Swabbed well in. Tested well on various sized chokes through 12-2-64 when I.P. for record was taken. I.P. for record: On 24 hour test, 3 3/8" choke, produced 540 bbls. of oil, at an average rate of 22.5 BOFH, water estimated at 5 bbls. per day, gas metered at 816 MCFD, GOR 1513, flowing TP 660#.										
Shut well in at 1:00 p.m. 12-3-64 for bottom hole pressure build up test. Well will henceforth be carried on production report for Lisbon Unit.										

Note—There were See Lisbon Unit Report 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Lisbon Unit  
Form No. 9-329  
Revised 1-1-50  
U.S. G.P.O. : 1950 O - 348-000

## 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 1964.

Agent's address P. O. Box 1611 Company The Pure Oil Company  
Casper, Wyoming Signed R.E. Dancy  
Phone 234-1565 Agent's Title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cuft. of Gas (In Thousands)	REMARKS	
								Gal. of Gasoline Recovered	Bbls. of Water (If drilling, casing, cement, etc.; date and no. recovered) (If None sent of test for gravity to state) content of _____
SE SW Sec. 9	30S	24E	B99						<p>On November 1, 1964, acidized perforations 3,610' - 8,615' with 500 gals. 15% CFA. Displaced with 55 bbls. of fresh water. Swabbed well in and tested perfs. On 6 hour test, 1 1/2" choke, produced a total of 86 bbls. of oil, at an average hourly rate of 14.1 BOPH, no water, gas measured at 500 MCFD, flowing TP 750#.</p> <p>Reset Baker Model B packer at 8,561', Baker Model "C" bridge plug at 8,602', bottom of tubing at 8,586', to test perforations 8,570' - 8,574'. Swabbed tubing dry. Fluid entry into well bore was approximately 50' - 100' per hour with small amount of gas. Acidized perfs 8,570' - 8,574' with 250 gals. 15% CRA. Increased pressure to 1200# before formation took acid. Swabbed well in. On 20 hour test, 1 1/2" choke, 200# back pressure on separator, flowed at rate of 13.5 BOPH, gas metered at 510 MCFD, trace of water, flowing TP 775#.</p> <p>On November 9, 1964, killed well, reset Model "R" packer at 8,530', Model "C" bridge plug at 8,563', bottom of tubing at 8,555', to test perfs 8,547' - 8,551'. Swabbed tubing dry. Recovered load water and small amount of oil and gas. Acidized perfs 8,547' - 8,551' with 250 gals. 15% CRA. Swabbed well in. On 14 hour test, 1 1/2" choke, flowed at hourly rate of 14.3 BOPH, trace of water, gas measured at 500 MCFD, flowing TP 825#.</p> <p>On November 14, 1964, killed well with salt water. Pulled tubing, bridge plug and packer. McCullough perforated with 4 - 35 gram super casing jet shots per foot from 8,521' to 8,525' and 8,530' to 8,534'. Set Baker Model "C" retrievable bridge plug at 8,540', packer at 8,509', bottom of retrieving head at 8,534', to test perfs 8,521' - 8,525' and 8,530' - 8,534'. Swabbed perfs. Recovered small amount of oil, fair blow of gas and large quantities of load water on each run of swab. On November 17, acidized perfs</p> <p>(Continued on next page)</p>

**See Lisbon Unit Report**

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.

*Copy 11/2*

STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL 070449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

B-99

10. FIELD AND POOL, OR WILDCAT

Lisbon - Miss.

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

Sec. 9, T-30S, R-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER **Drilling Well**

2. NAME OF OPERATOR

The Pure Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.  
At surface **660' FSL and 2300' FWL, SE SW**

14. PERMIT NO.

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

L & S elevations: **GL 6158'; DF 6170'**

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)

**Supplementary Well History**

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.)\*

8,695' TD; 8,659' PBTD On October 30, 1964, killed well with fresh water. Pulled tubing and packer. McCullough perforated with 4 super jet shots per foot 8,547' - 8,551'; 8,570' - 8,574' and 8,610' - 8,615'. Ran tubing, Baker Model "R" packer and Baker Model "C" retrievable bridge plug. Set Baker Model "R" packer at 8,592', bottom of tubing at 8,617', Baker Model "C" bridge plug at 8,634', to test perforations 8,610' - 8,615'. Swabbed well in 10-31-64. On 17 hour test well produced a total of 173.40 bbls. of oil, at an average rate of 10.2 BOPH, gas measured at 400 MCFD, 36/64" choke, no water. Flowing TP 225#.

On November 1, tested perms 8,610' - 8,615' on 2 hour test, 24/64" choke. Well produced at average hourly rate of 9.3 BOPH, no water, gas not measured. Flowing TP 290#. Acidized perms 8,610' - 8,615' with 500 gals. 15% CRA. Pumped 12 bbls. acid into tubing, followed with 55 bbls. of fresh water. Circulated 34 bbls. of water around packer ahead of acid. Closed packer and pressure increased to 310#. Shut down pump and pressure decreased to 100#. Started pumps and pressure increased to 300#. Shut down pumps and waited until pressure decreased to 100#. Approximately 5 bbls. of acid displaced into formation. Well went on vacuum. Over displaced with 5 bbls. of water before shutting well in for night. Now swabbing to test perforations 8,610' - 8,615'.

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

SIGNED H. J. DAVIS

TITLE District Office Manager

DATE 11-2-64

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*Coyne*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE REVERSE SIDE  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL 070449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

B-99

10. FIELD AND POOL, OR WILDCAT

Lisbon - Miss.

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

Sec. 9, T-30S, R-24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL  GAS WELL  OTHER  **Drilling Well**

2. NAME OF OPERATOR  
**The Pure Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1611 - Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface **660' FSL and 2300' FWL, SE SW**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**L & S elevations: GL 6158'; DF 6170**

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) **Supplementary Well History**

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recombination 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.)\*

Tested perforations 8,610' - 15'. On 6 hr. test, 1 1/4" choke, produced a total of 86.4 bbls. oil, at average rate of 14.4 BOPH, no water, gas measured at 500 MCFD. Flowing TP 750#. Killed well. Reset Baker Model "R" packer at 8,561'; Baker Model "C" bridge plug at 8,602', bottom of tubing at 8,586', to test perforations 8,570' - 8,574'.

Swabbed tubing dry. Continued to swab at one hour intervals. Fluid entry into well bore was approximately 50' - 100' between swab runs. Very small amount of gas.

No 11-3-64 acidized perfs 8,570' - 74' with 250 gals. 15% GRA. Pumped 6 bbls. acid into tubing, followed by 51 bbls. of fresh water. When 1 1/4 bbls. of water had been pumped into tubing, pressure increased to 300#. Shut down pumps and waited for pressure to decrease. Started pumps and pressure increased. Shut down pumps and waited for pressure to decrease. Started pumps and increased pressure to 1200# before formation started taking acid. When acid was completely displaced in formation, well went on vacuum. Over displaced with 1-1/2 bbls. of fresh water.

Swabbed well in. On 20 hour test from 12:00 noon 11-4-64 to 8:00 a.m. 11-5-64, 1 1/4" choke, 200# back pressure on separator, flowed at rate of 13.5 BOPH, 510 MCF gas per day, flowing TP 775#. Water cut as of 5:00 p.m. 11-4-64, 6%; water cut as of 8:00 a.m. 11-5-64, 1.5%. Testing - Incomplete.

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

SIGNED \_\_\_\_\_ BY \_\_\_\_\_

TITLE **District Office Manager**

DATE **11-6-64**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR 1 E\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA SL 070449

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 <b>Drilling Well</b>		7. UNIT AGREEMENT NAME <b>Lisbon Unit</b>
2. NAME OF OPERATOR <b>The Pure Oil Company</b>		8. FARM OR LEASE NAME <b>Lisbon Unit</b>
3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming</b>		9. WELL NO. <b>B-99</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FSL and 2300' FWL, SE S<sup>1</sup></b>		10. FIELD AND POOL, OR WILDCAT <b>Lisbon - Miss.</b>
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 9, T-30S, R-24E</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>L &amp; S elevations: GL 6158'; DF 6170'</b>		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

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) <b>Supplementary Well History</b> <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.)\*

Tested perforations 8,570' - 8,574'. On 18 hour test November 8, 1964, on 14/64" choke, flowed at average hourly rate of 14.3 BOPH, gas 520 MCFD, trace of water, flowing tubing pressure 800#. Water appears to be decreasing each day.

On November 9, 1964 moved in Barker Well Service unit. Killed well. Reset Model "R" packer at 8,530', Model "C" bridge plug at 8,563', bottom of tubing at 8,555', to test perforations 8,547' - 8,551'. Now swabbing perforations.

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

SIGNED \_\_\_\_\_ TITLE **District Office Manager** DATE **11-10-64**

(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 TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**U.S.A. SL 070449**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Lisbon Unit**

8. FARM OR LEASE NAME  
**Lisbon Unit**

9. WELL NO.  
**B-99**

10. FIELD AND POOL, OR WILDCAT  
**Lisbon - Miss.**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 9, T-30S, R-24E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

**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 **Drilling Well**

2. NAME OF OPERATOR  
**The Pure Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1611 - Casper, Wyoming**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**660' FSL and 2300' FWL, SE SW**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**OL 6,158'; DF 6,170'**

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) <b>Supplementary Well History</b> <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.)\*

**SEE SUPPLEMENTAL SHEET ATTACHED**

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

SIGNED R. E. Davis TITLE District Office Manager DATE 11-16-64

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

110

SUNDRY NOTICES AND REPORTS ON WELLS

SUPPLEMENTAL SHEET

The Pure Oil Company  
P. O. Box 1611 - Casper, Wyoming

Lease No: USA SL 070449

Lisbon Unit B-99  
660' FSL and 2300' FWL, SE SW  
Sec. 9, T-30S, R-24E  
San Juan County, Utah

Supplementary Well History  
November 16, 1964

8,695' TD; 8,659' PBTD

Swabbed perforations 8,547' - 8,551'. Swabbed tubing dry. Recovered load water and small amount of oil and gas. Acidized perfs 8,547' - 8,551', on November 10, 1964, with 250 gallons 15% CRA. Pumped 6 bbls. of acid into tubing and displaced with 50 bbls. of fresh water. Over displaced with 4 bbls. of fresh water. When 44 bbls. of fresh water had been pumped into tubing, pressure increased to 300#. Shut down pumps and pressure decreased to 100#. Started pumps and slowly pumped fresh water into tubing. Pressure increased to a maximum of 500# before starting to decrease. After 2-1/2 bbls. of acid had been displaced, well went on vacuum. Shut in overnight.

Swabbed well until fluid level was approximately 500' from bottom. Small amount of fluid entering well bore. Recovered large quantity of acid water, small amount of oil and good flow of gas on each run of swab. Checked annulus and found small flow of gas. Started pumping water down annulus, found it went on vacuum. Picked up tubing and reset packer. Started pumping down annulus and it went on vacuum again. Pulled one joint of tubing and reset packer. Had same results as before. Pulled tubing and packer. Redressed packer. Reran tubing and packer. Set packer at 8,530'. Swabbed well in and tested perforations 8,547' to 8,551'. On 14 hour test on November 13, 1964, 14/64" choke, flowed at hourly rate of 14.3 BOPH, trace of water, gas measured at 500 MCFD, flowing TP 825#.

On November 14, killed well with salt water and pulled tubing, bridge plug and packer. McCullough perforated with 4 - 35 gram super casing jet shots per foot from 8,521' to 8,525' and from 8,530' to 8,534'. Set Baker Model "C" retrievable bridge plug at 8,540' with wire line. Ran tubing and packer in hole. Set packer at 8,509', bottom of retrieving tool at 8,534' to test perforations 8,521' to 8,525' and 8,530' to 8,534'. Rigged up swab line and began swabbing. Small amount of fluid entering well bore. Recovered small amount of oil, fair blow of gas and large quantities of load water on each run of swab. Now swabbing perfs. Testing - Incomplete.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR. STATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL 070449

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.)

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

B-99

10. FIELD AND POOL, OR WILDCAT

Lisbon - Miss.

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

Sec. 9, T-30S, R-24E  
S.L.M.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER  **Drilling Well**

2. NAME OF OPERATOR

The Pure Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming

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

660' FSL and 2300' FWL, SE SW

14. PERMIT NO.

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

GL 6,158'; DF 6,170'

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)

Supplementary Well History

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.)\*

SEE SUPPLEMENTAL SHEET ATTACHED

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

SIGNED

R. E. Davis

TITLE

District Office Manager

DATE

11-25-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

SUPPLEMENTAL SHEET

The Pure Oil Company  
P. O. Box 1611 - Casper, Wyoming

Lease No: USA SL 070449

Lisbon Unit B-99  
660' FSL and 2300' FWL, SE SW  
Sec. 9, T-30S, R-24E  
San Juan County, Utah

Supplementary Well History  
November 25, 1964

8,695' TD; 8,659' PBTD

Continued to swab perforations 8,521' - 8,525' and 8,530' - 8,534'. Swabbed fluid level to approximately 6,000' below surface. Checked annulus and found slight vacuum. Filled annulus with 40 bbls. of salt water. Increased annulus pressure to 500 psi. Shut down pumps and pressure decreased slowly to zero. Ran swab and found fluid level in tubing 6,000' below surface. Continued to swab. Found small amount of fluid entry into well bore. Pumped into annulus and found that fluid level had dropped approximately 2 bbls. (130'). Filled tubing with salt water and released packer and pulled tubing and packer. Ran tubing and redressed packer. Set packer at 8,509', bottom of retrieving head at 8,534'. Rigged up swab and began swabbing. Found fluid level at 2,000' below surface. Continued swabbing until able to swab off bottom. Filled 5-1/2" annulus with salt water and increased pressure to 500 psi. Pressure on 10-3/4" annulus zero.

On November 17, 1964 acidized perforations 8,521' - 8,525' and 8,530' - 8,534' with 350 gallons 15% CRA as follows: Pumped approximately 8 bbls. of acid into tubing and displaced with 50 bbls. of salt water. Over displaced with 4 bbls. of salt water. When 3 1/4 bbls. of salt water had been pumped into tubing, pressure increased to 500 psi. Shut down pumps and waited for pressure to decrease. Started pumps and continued to increase pressure. Shut down pumps and waited for pressure to decrease. Started pumps and increased pressure to a maximum of 1500 psi before formation began taking acid. Annulus pressure had increased to 1000 psi during treatment. When approximately 5 bbls. of acid had been displaced well went on vacuum. With tubing on vacuum, pressure on annulus decreased to 100 psi.

Swabbed well in. On 19 hour test from 12:00 noon 11-18-64 to 7:00 a.m. 11-19-64, 1 1/4" choke, flowed 131 bbls. of oil, 5.9 bbls. of water, gas measured at 530 MCFD, flowing TP 725 psi.

Killed well with salt water November 20, 1964. Pulled tubing, packer and bridge plug. Tested tubing and packer for leaks.

November 22, 1964, reran tubing and packer. Set packer at 8,505', bottom of tubing at 8,637'. Removed BOP's, set tubing hanger and installed Xmas tree. Swabbed well in. Now testing - Incomplete.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR. (Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL-070449

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

7. UNIT AGREEMENT NAME

Lisbon Unit

2. NAME OF OPERATOR

The Pure Oil Company

8. FARM OR LEASE NAME

Lisbon Unit

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming

9. WELL NO.

B-99

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

660' FSL and 2300' FWL, SE SW

10. FIELD AND POOL, OR WILDCAT

Lisbon - Miss.

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

Sec. 9, T-30S, R-24E

S.L.M.

14. PERMIT NO.

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

GL 6,158'; DF 6,170'

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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Supplementary Well History

(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.)\*

8,695' TD; 8,659' PBTD

Tested well on various sized choke from 11-24-64 through 12-3-64.

I. P. for record 12-2-64: On 24 hour test, 38/64" choke, produced 540 bbls. of oil, gas metered at 816 MCFD, GOR 1513, water estimated at 5 bbls. per day, flowing TP 660 psi.

Well now shut in for bottom hole pressure buildup test.

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

SIGNED

R. E. DAVIS

TITLE District Office Manager

DATE 12-7-64

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 DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. SL-070449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

B-99

10. FIELD AND POOL, OR WILDCAT

Lisbon - Miss.

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

Sec. 9, T-30S, R-24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
The Pure Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 1611 - Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 660' FSL and 2300' FSL, SE SW

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

9-13-64 10-14-64 11-24-64 GL 6158'; DF 6170'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

8,675' 8,659' —————> 29'-8695' 0' - 29'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

Mississippian Top 8,390' (-2232)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Gamma Ray Sonic, Caliper and Laterolog 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	14'	24"	15 sax	-0-
1'-3/4"	40.5#	1,125'	13-3/4"	550 sax	-0-
5-1/2"	17# & 15.5#	8,694'	9"	1660 sax	-0-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8,637'	8,505'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

See supplemental sheet

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
See supplemental sheet

33.\* PRODUCTION

DATE FIRST PRODUCTION 10-27-64 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12-2-64 HOURS TESTED 24 CHOKE SIZE 33/64" PROD'N. FOR TEST PERIOD —————> OIL—BBL. 540 GAS—MCF. 816 WATER—BBL. Est. 5/day GAS-OIL RATIO 1513

FLOW. TUBING PRESS. 660# CASING PRESSURE CALCULATED 24-HOUR RATE —————> OIL—BBL. 540 GAS—MCF. 816 WATER—BBL. Est. 5/day OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Recycled TEST WITNESSED BY

35. LIST OF ATTACHMENTS One

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*[Signature]*

TITLE

District Chief Clerk

DATE

12-29-64

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Horrocks	3,250'	4,116'	Various porous zones - water bearing - not tested.  Various oil bearing porous zones.	Paradox	4,516'	+1612
Mississippian	8,390'	TD		Top of Salt	4,878'	+1280
				Base of Salt	8,220'	-2062
				Molas	8,318'	-2160
				Mississippian	8,390'	-2232

38. GEOLOGIC MARKERS

DEC 30 1964

11

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

The Pure Oil Company  
P. O. Box 1611  
Casper, Wyoming

Lease No: U.S.A. SL-070449

Lisbon Unit B-99  
SE SW, Sec. 9, T-30S, R-24E  
San Juan County, Utah

Supplemental Attachment

Core No. 1 - 8,675' - 8,695' - Cut and Recovered 20'

20' - Dolomite, buff-medium gray, fair small vugular porosity 8,677.5' - 8,678.5' with live oil. Fair show 8,675' - 8,684', stain and odor, 8,684' - 8,695' barren except for black residue. Entire core fractured.

LOG TOPS:

Paradox	4,546' (+1612)
Top of Salt	4,878' (+1280)
Base of Salt	8,220' (-2062)
Molas	8,318' (-2160)
Mississippian	8,390' (-2232)

On October 22, 1964, McCullough perforated 8,644' - 8,648' with 4 - 35 gram shots per foot.

Flowed an estimated 5 - 10 bbls. oil per hour for 45 minutes then died. Acidized perforations 8,644' - 8,648' with 200 gals. CRA. On 17-1/2 hour test, 1 1/4" choke, produced 211 bbls. of oil, no water, gas measured at 391 MCFD, flowing TP 750#.

On October 30, 1964, McCullough perforated 8,547' - 8,551'; 8,570' - 8,574' and 8,610' - 8,615' with 4 super casing jet shots per foot. On 17 hour natural test, 3 3/4" choke, well flowed 173 bbls. of oil, no water, gas measured at 400 MCFD, flowing TP 225#. Acidized perforations 8,610' - 8,615' with 500 gals. 15% CRA on November 1, 1964. On 6 hour test, 1 1/4" choke, produced a total of 86 bbls. of oil, no water, gas measured at 500 MCFD, flowing TP 750#.

Swab tested perforations 8,570' - 8,574'. Fluid entry into well bore was approximately 50' - 100' per hour with small amount of gas. Acidized perfs 8,570' - 74' with 250 gals. 15% CRA on November 3, 1964. On 18 hour test, 1 1/4" choke, flowed at average rate of 14.3 bbls. oil per hour, trace of water, gas 520 MCFD, flowing TP 800#.

Tested perforations 8,547' - 8,551'. Swabbed tubing dry. Recovered load water and small amount of oil and gas. Acidized perfs November 10, 1964 with 250 gals. 15% CRA. On 14 hour test, 1 1/4" choke, flowed at hourly rate of 14.3 bbls. of oil, trace of water, gas measured at 500 MCFD, flowing TP 825#.

On November 11, 1964, McCullough perforated 8,521' - 8,525' and 8,530' - 8,534'. Swab tested perforations. Recovered small amount of oil, fair blow of gas and large quantities of load water. On November 17, 1964, acidized perforations 8,521' - 8,525' and 8,530' - 8,534' with 350 gallons 15% CRA. On 2 1/2 hour test, 1 1/4" choke, flowed 271 bbls. of oil, 18 bbls. of water, gas measured at 483 MCFD, flowing TP 800#.

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

*C*

ARSIE JARAMILLO  
 UNION OIL CO OF CALIFORNIA  
 P.O. BOX 760  
 MOAB, UTAH 84532

Utah Account No. N1030

REPORT PERIOD (MONTH/YEAR) 04/94

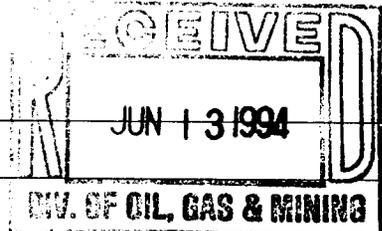
AMENDED REPORT  (Highlight Changes)

Well Name					Producing Zone	Well Status	Days Oper	Production Volume		
API Number	Entity	Location		Oil (BBL)				Gas(MSCF)	Water (BBL)	
<b>CASTLE DRAW USA #1</b>										
4301316218	08120	09S	17E	10	GRRV	POW	30	118	125	0
<b>CASTLE DRAW 2--J10</b>										
4301330684	08121	09S	17E	10	GRRV	POW	30	189	108	0
<b>BIG INDIAN UNIT #1</b>										
4303716219	08122	29S	24E	33	MSSP	SOW	0	0	0	0
<b>LISBON D-616</b>										
4303715049	08123	30S	24E	16	MSSP	POW	30	608	125532	4013
<b>LISBON B-615</b>										
4303715123	08123	30S	24E	15	MSSP	POW	30	641	318255	474
<b>LISBON B-912</b>										
4303715769	08123	30S	24E	12	MSSP	POW	1	37	1888	8
<b>LISBON A-713A</b>										
4303716236	08123	30S	24E	13	MSSP	SOW				0
<b>LISBON A-715</b>										
4303716237	08123	30S	24E	15	MSSP	SOW				0
<b>LISBON A-814</b>										
4303716238	08123	30S	24E	14	MSSP	SOW				0
<b>LISBON B-99</b>										
4303716239	08123	30S	24E	9	MSSP	SOW				0
<b>LISBON B-613</b>										
4303716240	08123	30S	24E	13	MSSP	SOW				0
<b>LISBON B-616</b>										
4303716242	08123	30S	24E	16	MSSP	SOW				0
<b>LISBON B-815</b>										
4303716243	08123	30S	24E	15	MSSP	SOW				4495

8/9/94

I called UNOCAL - spoke w/ Rick - requested a plugging report, if they have one. He said he would make sure I get one, said he would probably contact reservoir engineer Tom Baird in Houston for report. (suspended to 8/23/94 for follow up) DTS

COMMENTS:



I hereby certify that this report is true and complete to the best of my knowledge.

Date: June 3, 1994

Name and Signature: Arsie Jaramillo / Arsie Jaramillo

Telephone Number: (801) 686-2236

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

*C*

ARSIE JARAMILLO  
 UNION OIL CO OF CALIFORNIA  
 P.O. BOX 760  
 MOAB, UTAH 84532

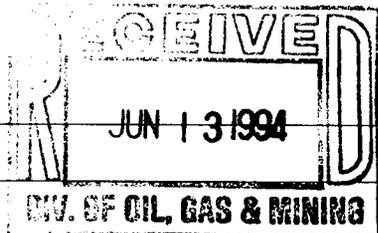
Utah Account No. N1030

REPORT PERIOD (MONTH/YEAR) 04/94

AMENDED REPORT  (Highlight Changes)

Well Name				Producing	Well	Days	Production Volume		
API Number	Entity	Location		Zone	Status	Oper	Oil (BBL)	Gas(MSCF)	Water (BBL)
<b>CASTLE DRAW USA #1</b>									
4301316218	08120	09S	17E 10	GRRV	POW	30	118	125	0
<b>CASTLE DRAW 2-J10</b>									
4301330684	08121	09S	17E 10	GRRV	POW	30	189	108	0
<b>BIG INDIAN UNIT #1</b>									
4303716219	08122	29S	24E 33	MSSP	SOW	0	0	0	0
<b>LISBON D-616</b>									
4303715049	08123	30S	24E 16	MSSP	POW	30	608	125532	4013
<b>LISBON B-615</b>									
4303715123	08123	30S	24E 15	MSSP	POW	30	641	318255	474
<b>LISBON B-912</b>									
4303715769	08123	30S	24E 12	MSSP	POW	1	37	1888	8
<b>LISBON A-713A</b>									
4303716236	08123	30S	24E 13	MSSP	SOW	0	0	0	0
<b>LISBON A-715</b>									
4303716237	08123	30S	24E 15	MSSP	SOW	0	0	0	0
<b>LISBON A-814</b>									
4303716238	08123	30S	24E 14	MSSP	SOW	0	0	0	0
<b>LISBON B-99</b>									
4303716239	08123	30S	24E 9	MSSP	SOW	0	0	0	0
<b>LISBON B-613</b>									
4303716240	08123	30S	24E 13	MSSP	SOW	0	0	0	0
<b>LISBON B-616</b>									
4303716242	08123	30S	24E 16	MSSP	SOW	0	0	0	0
<b>LISBON B-815</b>									
4303716243	08123	30S	24E 15	MSSP	SOW	0	0	0	0
<b>TOTAL</b>							1593	445908	4495

COMMENTS:



I hereby certify that this report is true and complete to the best of my knowledge.

Date: June 3, 1994

Name and Signature: Arsie Jaramillo / Arsie Jaramillo

Telephone Number: (801) 686-2236

DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

EXPIRES AUGUST 31, 1977  
 LEASE DESIGNATION E-223 LEASE NO.  
**USA SL 070449**  
 NAME OF LESSEE OR TRUSTEES NAME  
Wade & Co.  
 NAME OF OPERATOR  
**Lisbon Unit**  
 NAME OF LEASE  
 WELL NO.  
**B-99**  
 FIELD AND POOL, OR WILDCAT  
**Lisbon**  
 SEC. T. R. OR BLM. AND SURVEY OR ALMA  
**Sec. 9, T30S, R24E**  
 COUNTY OR PARISH  
**San Juan** STATE  
**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS 2 1994**

(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   
 2. NAME OF OPERATOR  
**Union Oil Company of California**  
 3. ADDRESS OF OPERATOR  
**3300 North Butler, Suite 200, Farmington, New Mexico 87401**  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
**At surface**  
**660' FSL, 2300 FWL (SESW)**  
 14. PERMIT NO.  
**43-037-16239** 15. ELEVATIONS (Show whether SP, TV, OR, etc.)  
**6158' GR**

**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"/>	FEEL 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <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 azimuth and true vertical depths for all markers and zones pertinent to this work.)

2/12 MIRU.

2/13 14 hr SITP 1250 psi. SI Ann Press 1250 psi. Kill Well. ND tree. NU BOP. Attempt to rel "R-3" pkr. Unsuccessful.

2/14 17 hr SITP & CP 600 psi. Kill well. RIH w/freep tools. Tools stopped @ 6517'. POH. RIH w/spudding tools w/2 1/8" star bit. Could not work past obstruction. RIH w/chem cutter. Cut 2 7/8" tbg @ 6507'. POH. LD 208 jts 2 7/8" tbg.

2/15 13 SICP = 0. RIH w/4 3/4" x 3.8" shoe, 181.7' WP, Bumper Sub, jars, & DCs. Tag tight spot in 5 1/2" csg @ 6480'. Work 4 3/4" shoe 6480-6487'.

2/16 14 hr SITP = 0. TOH w/4 3/4" shoe. Shoe beveled in on btm indicating collapsed csg. TIH w/3 5/8" x 2.906" OS w/2 7/8" spiral grapple & cut lip guide on 206 jts 2 7/8" tbg. Tag tight csg @ 6491'. Could not work OS over fish. TOH.

2/17 14 hr SICP 0. TIH w/3 5/8" OS w/2 7/8" spiral grapple. Engage fish @ 6493'. Pull 25,000# over string wt & prep to run inner string DP.

2/19 38 hr SITP 0. RIH w/2.25" mill on 210 jts 1 1/4" DP. Mill 6526-28'/1 hr. FIH to 7300'. POH LD 1 1/4" DP.

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

SIGNED *Conrad A. Cherry* TITLE Reservoir Engineer DATE 4/11/91 Cont'd Pg 2

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

- 2/20 13 1/2 hr SITP 0. RIH w/1 5/8" star bit & spud tools. Could not spud through obstruction @ 6513'. POH.
- 2/21 RIH w/2 1/4" mill. Tag @ 6513'. Milled 1' fell to 6536'. Reamed 1 hr & fell 6676'.
- 2/22 POH. RIH & freept pipe. 2 7/8" tbg 100% stuck @ 6500'. RIH w/1 15/16" & chem cut @ 8500'. Cut @ 6700'. Cut 6445'. 2 7/8" tbg free.
- 2/23 POH w/tbg. RIH w/OS, bumper sub, jars, DC & engage fish @ 6445'. Jarred fish loose.
- 2/24 POH w/tbg & fishing tools. OS had split bbl. Lost grapple & guide. RIH w/spear & engage fish.
- 2/26 POH w/fishing assy & 1 pc 2 7/8" parted tbg.
- 2/27 RIH. Milled 6493-6496'. POH. shoe indicates 5 1/2" collapsed csg.
- 2/28 RIH. Mill 6496-6505'. POH.
- 3/2 RIH. Mill 6508-6514'. POH.
- 3/3 RIH. Mill 6514-6518'. POH.
- 3/5 RIH. Mill 6514-6518'. POH.
- 3/6 RIH w/4" OD swage. Tag @ 6503'. Swage 6514-6518' (TOF). Hard jarring up @ 6514'. POH. RIH. Engage fish.
- 3/7 POH w/fishing assy. Rec'd 6.9' 2 7/8" tbg. RIH w/5 1/2" pkr. Set pkr @ 6397'. Load hole w/70 BW. Test csg 6397-surf 1000 psi ok. Pump dn tbg 3 BPM @ 1900 psi. POH w/pkr.
- 3/8 RIH w/5 1/2" cmt ret. Set ret @ 6394'.
- 3/9 Sqzed perfs 8521-8646' w/330 sx "H" @ 15.6 ppg 1.18 CF/SK. Pump-in rate 4 BPM @ 2000 psi. FSP of 1.2 BPM/3000#. Held 2800#. PU f/ret @ 6394' & spot cmt 6394-5860'. PU 5860' & rev circ 130 Bbl 9.2 ppg BW rec 3 Bbls cmt. Plug #1 8646-5860'. Perf 5 1/2" csg @ 4598-4600' (4 holes). Press to 2000# surf. Could not break down. Equ'd 50 sx "H". Plug #2 4660-4200'.
- 3/10 Perf 5 1/2" csg @ 1173-75' (4 holes). Pump-in rate 4 BPM @ 200#. Set ret @ 1075'. Plug #3 1075-1175' 75 sx "H" w/partial returns up 5 1/2" x 10 3/4" ann. Perf 5 1/2" @ 498-500' (4 holes). Pump-in rate 4 BPM @ 200#. Plug #4 surf-500' 250 sx "H" w/full returns.
- 3/12 Tag cmt plug @ surf. Cut-off wellhd. Install dryhole markers. Well P&A'd 3-11-91. RD. OFF REPORT.