

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bond No. B-73310

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
 Union Oil Company of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)
 At surface 976' FSL & 385' FWL
 At proposed prod. zone 976' FSL & 385' FWL

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 35 miles southeast of Moab, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 385'

16. NO. OF ACRES IN LEASE 1,240

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,464'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6,291' G.R.

25. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT | Expected To |
|--------------|----------------|-----------------|---------------|--------------------|-------------|
| 17-1/2" | 13-3/8" | 48# | 50' | 10 sx. | Surface |
| 12-1/4" | 9-5/8" | 36# | 1,000' | +600 sx. | Surface |
| 7-7/8" | 5-1/2" | 17# & 20# | 8,800' | +525 sx. | 3,600' |

PROPOSED DRILLING PROGRAM:

Drill 17-1/2" hole with rat-hole machine to 50'. Set and cement 13-3/8" conductor. Move in rotary rig. Drill 12-1/4" hole to 1,000'. Run and cement 9-5/8" casing. Drill 7-7/8" hole to approximate T.D. of 8,800'. Run DST's on Hermosa group, depending on shows. Run logs and, if logs indicate production, run and cement 5-1/2" casing, perforate, and test zones that may be productive. Complete with 2-7/8" tubing.

The BOP will be operationally tested daily and each test logged.

*If 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 control program, if any.

APPROVED BY: B. G. Ladd, Jr. District Drilling Supt. DATE: 4-24-84

PERMIT NO. _____

APPROVED BY _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: _____
BY: _____

5. LEASE DESIGNATION AND SERIAL NO.
 SL-070008-A

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Lisbon Unit

8. FARM OR LEASE NAME
 Lisbon Unit

9. WELL NO.
 A-911

10. FIELD AND POOL, OR WILDCAT
 Lisbon

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

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

RECEIVED

APR 27 1984

DIVISION OF OIL
GAS & MINING

UNION OIL COMPANY OF CALIFORNIA

Lisbon Unit Well No. A-911
976' FSL & 385' FWL, Sec. 11, T.30S., R.24E.
San Juan County, Utah

EIGHT POINT PLAN

1. SURFACE FORMATION: Wingate

ESTIMATED TOPS OF GEOLOGICAL MARKERS:

Ground Elevation - 6,291' G.L.

| <u>Formation</u> | <u>Depth Below G.L.</u> |
|------------------|-------------------------|
| Hermosa Group | 1,830' |
| Paradox | 3,610' |
| Paradox Salt | 3,960' |
| Base of Salt | 7,260' |
| Redwall | 7,480' |
| Ouray | 7,820' |
| Elbert | 7,950' |
| McCracken Member | 8,070' |
| Aneth | 8,175' |
| Lynch | 8,250' |
| Total Depth | 8,800' |

2. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL-BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

| <u>Formation</u> | <u>Depth</u> |
|----------------------------|--------------|
| <u>Expected Oil Zones:</u> | |
| Hermosa Group | 1,830' |
| Elbert | 7,950' |
| McCracken | 8,070' |
| Lynch | 8,250' |

| | |
|----------------------------|--------|
| <u>Expected Gas Zones:</u> | |
| Redwall | 7,480' |
| Lynch | 8,250' |

Expected Water Zones:

May encounter water flows from surface to 3,610'.

Expected Mineral Zones:

| | |
|---------------------|--------|
| Paradox (Potash) | 3,610' |
|---------------------|--------|

3. PRESSURE CONTROL BOP'S: (See Attachment Nos. 1, 2, and 3)

Wellhead:

Casing Head: 9-5/8" x 10" - 3000 psi W.P.

BOP Stack:

One double-gate BOP with 4-1/2" pipe rams and blind rams.

One choke manifold with adjustable and positive chokes.

The BOP and choke manifold will be rated at 3000 psi.

Test:

BOP's, choke manifold, and casing will be pressure tested to 1000 psi for 30 minutes before drilling cement on surface casing. BOP's will be operationally tested daily and each test will be logged in the IADC Daily Drilling Report.

4. CASING PROGRAM:

Conductor - 13-3/8" @ 50'

(Mud Wt. 9.6 ppg)

| <u>Depth</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Thread</u> | <u>New/Used</u> |
|--------------|-------------|---------------|--------------|---------------|-----------------|
| 0-50' | 13-3/8" | 48# | H-40 | Welded | New |

Surface Casing - 9-5/8" @ 1000'

(Mud Wt. 9.6 ppg)

| <u>Depth</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Thread</u> | <u>New/Used</u> |
|--------------|-------------|---------------|--------------|---------------|-----------------|
| 0-1000' | 9-5/8" | 36# | K-55 | ST&C | New |

Production Casing - 5-1/2" @ 8800'

(Mud Wt. 10.3 ppg)

| <u>Depth</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Thread</u> | <u>New/Used</u> |
|--------------|-------------|---------------|--------------|---------------|-----------------|
| 0-8800' | 5-1/2" | 17# & 20# | L-80, CYS-95 | ST&C & LT&C | New |

NOTE: Cement top for production casing will cover the potash zone in the Paradox formation (estimated cement top 3,600').

5. DRILLING FLUID:

| <u>Depth</u> | <u>Type</u> | <u>Weight</u> | <u>Vis</u> | <u>F.L.</u> |
|--------------|-------------|---------------|------------|-------------|
| 0-1000' | Gel/Lime | 9.2-9.6 | 45-65 | N.C. |
| 1000-3500' | Fresh Mud | 9.6 | 40 | 10 |
| 3500-T.D. | Salt Mud | 10.0-10.3 | 40-45 | 8-10 |

Sufficient materials to maintain mud requirements and to meet minor lost circulation and threatened blowout conditions shall be stored at the location.

6. TESTING, LOGGING, AND CORING PROGRAM:

DST'S: Possible in Hermosa Group, depending on shows.

LOGGING: Mud logging unit will be utilized.

A Dual Laterolog-MSL & LDT-CNL with GR, Caliper & Dipmeter will be run from surface casing to T.D.

A Sonic with Caliper will be run from 7150' to T.D.

CORES: None

COMPLETION: All productive zones will be selectively perforated, treated with 50-100 gallons of 15% HCl per foot of perforations and tested. If the McCracken formation is productive, a hydraulic fracture treatment will be proposed.

7. ABNORMAL PRESSURES, TEMPERATURES, POTENTIAL HAZARDS:

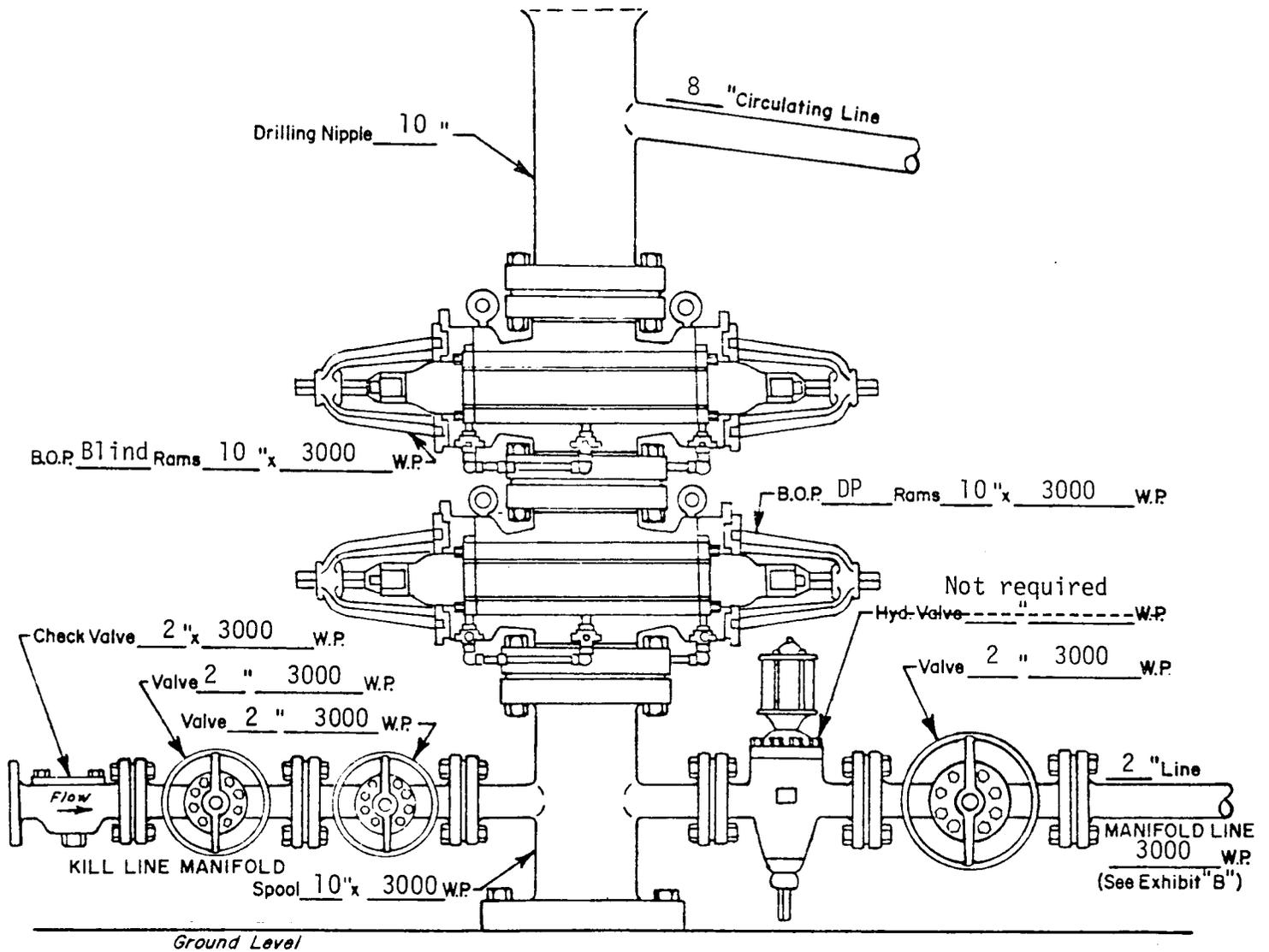
No above or below normal pressures are anticipated.

| <u>Formation</u> | <u>Estimated Reservoir Pressures</u> |
|------------------|--------------------------------------|
| Redwall | 2500 psi |
| Elbert | 2600 psi |
| McCracken | 2600 psi |
| Lynch | 2600 psi |

Normal temperature gradients are anticipated.

Hydrogen sulfide gas will be present in the Mississippian Redwall and Elbert formations. The Redwall and Elbert formations are normal pressure gradient formations and the mud column weight should be more than sufficient to prevent free hydrogen sulfide from reaching the surface. Hydrogen sulfide scavengers will be added to the mud prior to drilling the Paradox formation. The pH of the mud will be maintained at a high level for corrosion protection. Fresh air breathing equipment will be installed at the rig site and all personnel will be trained in the use of the equipment. Hydrogen sulfide detection equipment and warning flags will be in place and operational before drilling into the Paradox formation. An H₂S Contingency Plan is also included for approval.

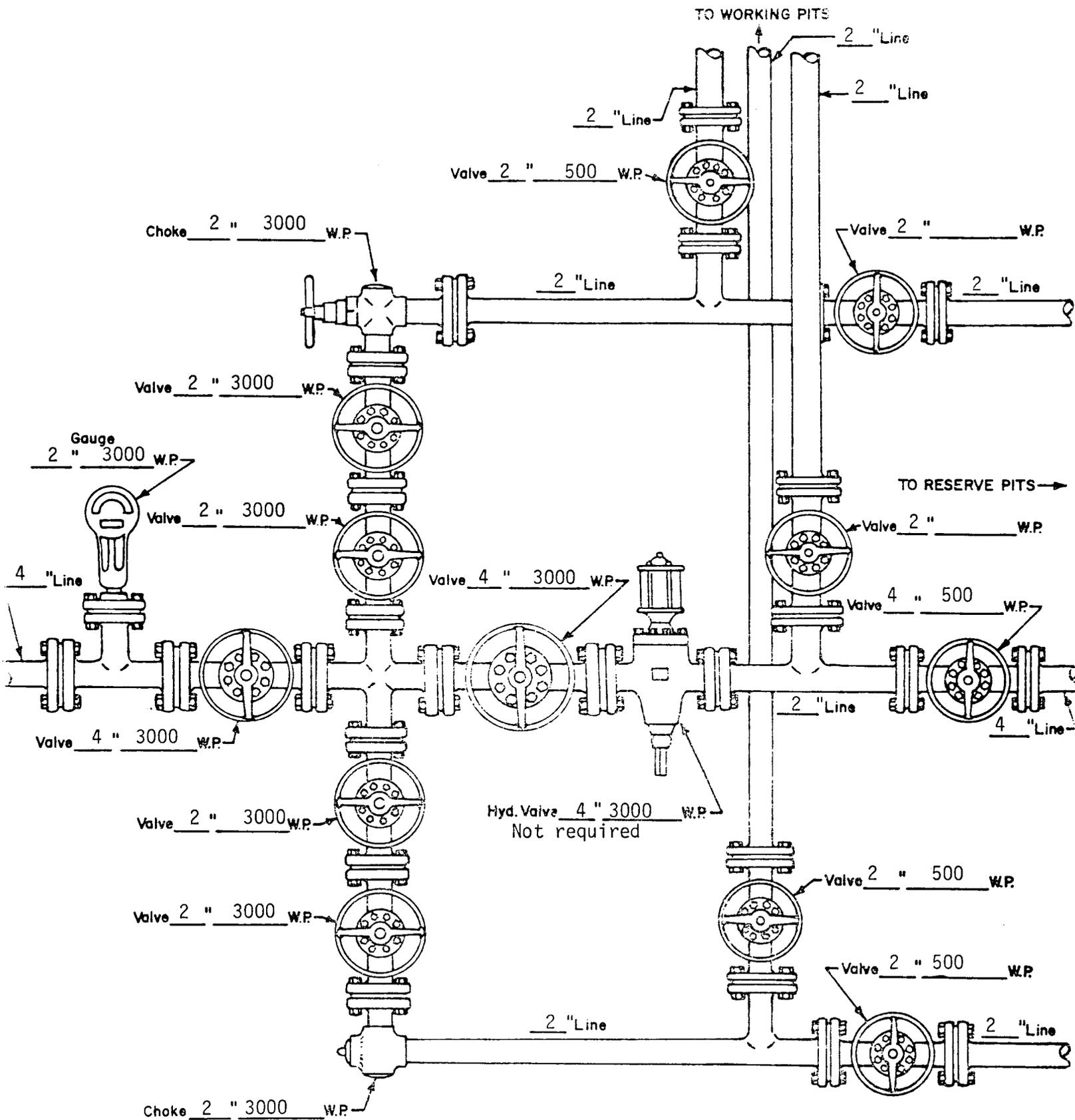
Lisbon Unit Well No. A-911
San Juan County, Utah



WELL HEAD B.O.P.
3000 #W.P.

- Manuel
- Hydraulic

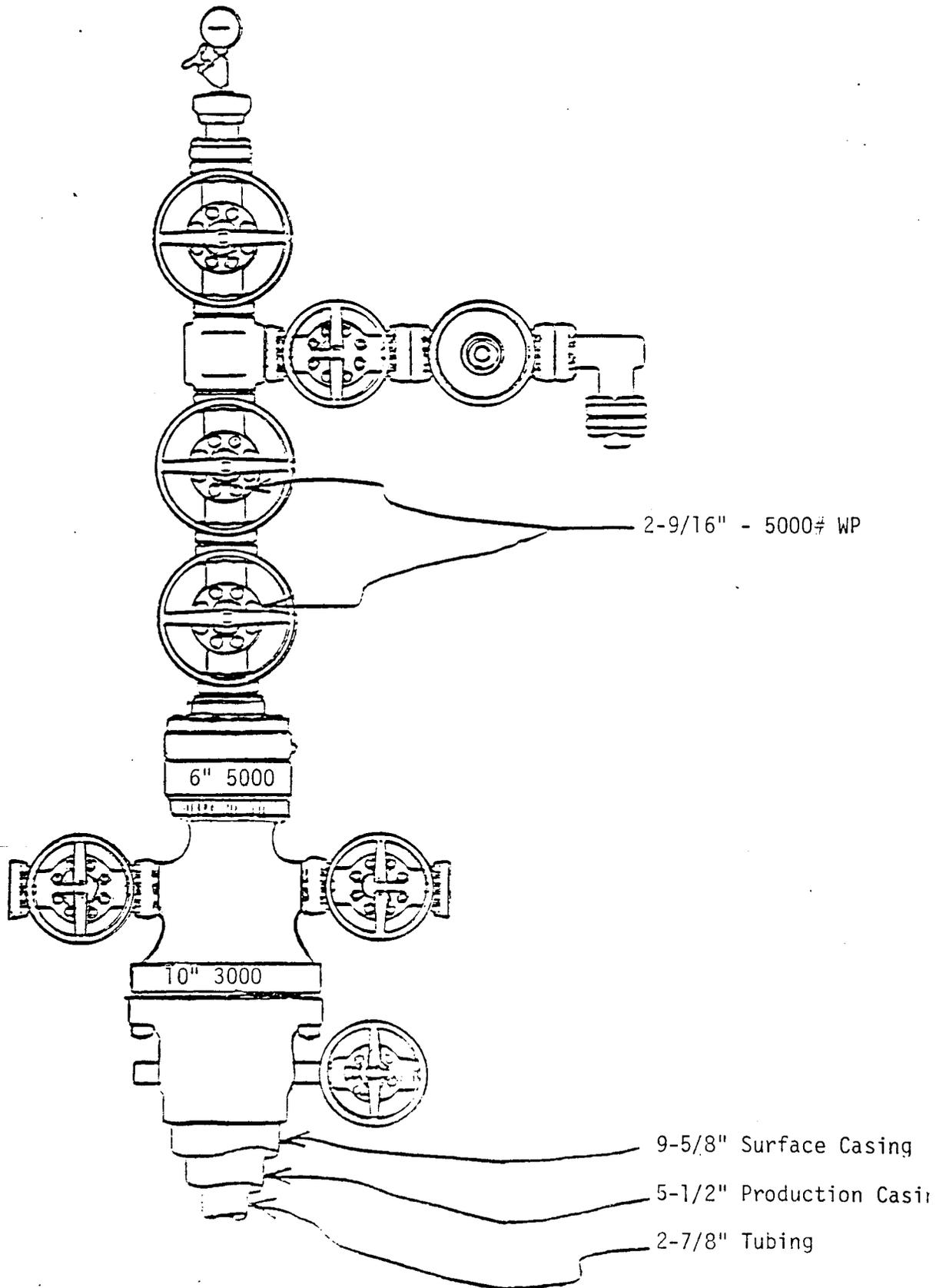
Lisbon Unit Well No. A-911
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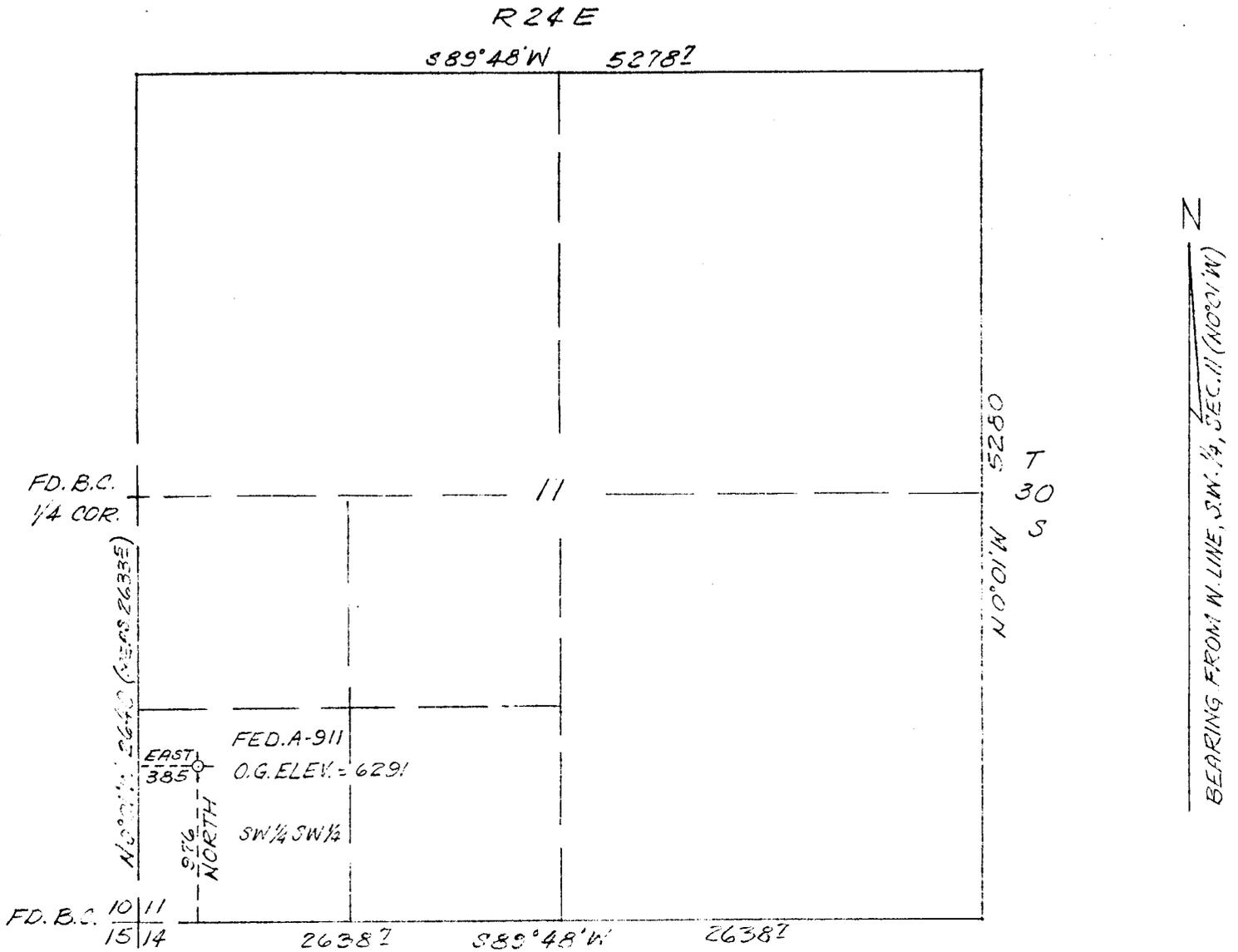


MANIFOLD
3000 W.P.

- Manuel
- Hydraulic

LISBON UNIT WELL NO. A-911
San Juan County, Utah





SECTION BOUNDARY CALLS
ARE RECORD G.L.C., 1921

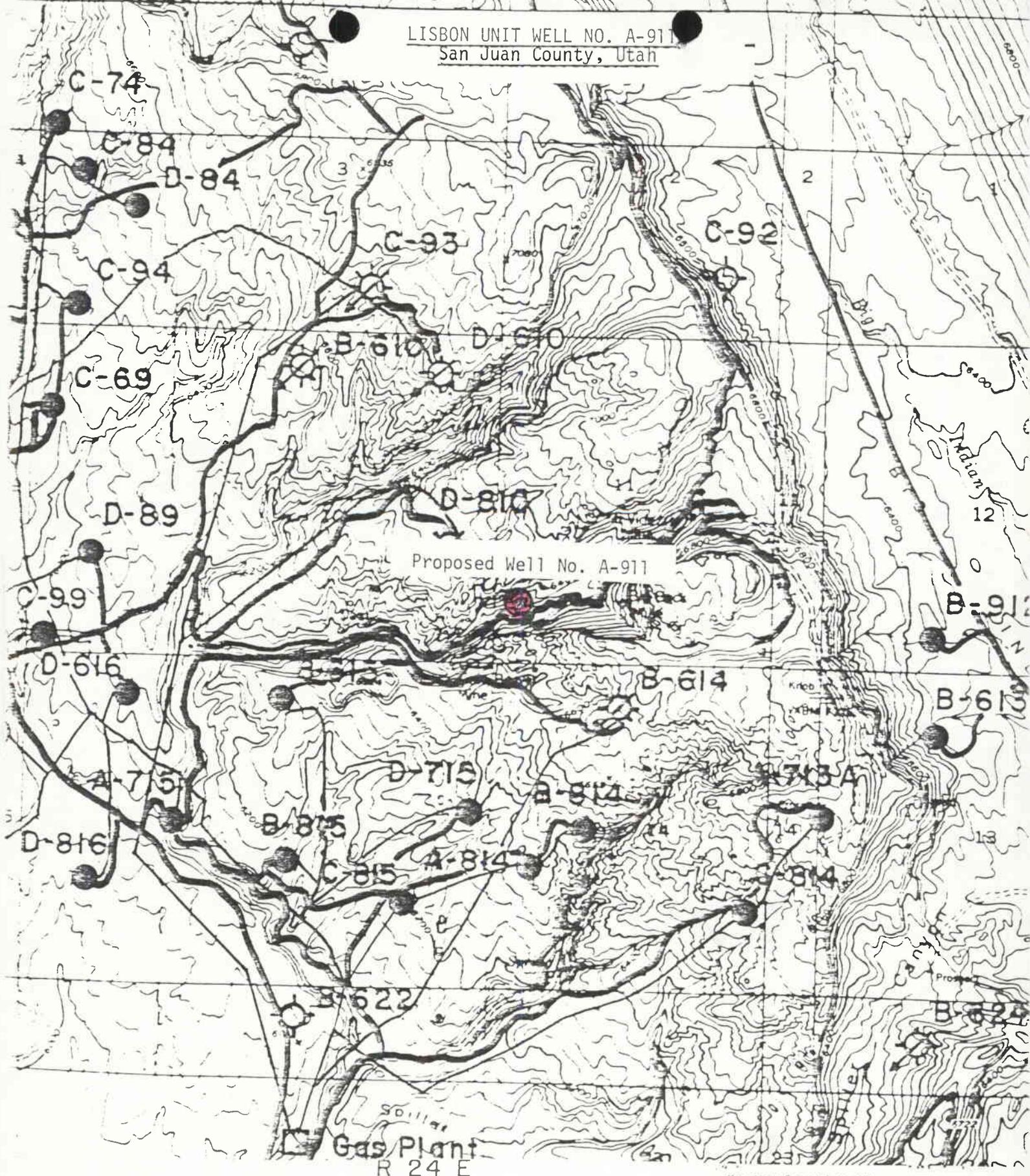
WELL LOCATION PLAT OF
FEDERAL A-911 IN
SW 1/4 SW 1/4, SEC. 11, T. 30S, R. 24E, S.L.B. & M.
SAN JUAN COUNTY, UTAH
TRANSIT & E.S.M. CURVEY
FOR UNION OIL COMPANY
SCALE 1" = 100' APR. 10, 1959

ELEV BY VER. ANGLES FROM U.S.G.C.
TOPG. QUAD. HATCH ROCK, UTAH, 1954
(S.W. COR., SEC. 11 = 6450)



UTAH R.L.S. No 1963

LISBON UNIT WELL NO. A-911
 San Juan County, Utah



- Roads
- Proposed Roads
- Flowlines

NOTE: ALL WELLS ARE SURFACE LOCATIONS

LISBON UNIT FIELD

ATTACHMENT 4.

Map based on the Geological Survey 1954
 Originals by multiple methods from
 aerial photographs taken 1951

OPERATOR Union Oil Co. of California DATE 4/27/84

WELL NAME Lisbon Unit A-9110

SEC S4SW 11 T 30S R 24E COUNTY San Juan

43-037-31014
API NUMBER

Fed
TYPE OF LEASE

POSTING CHECK OFF:

| | | | | |
|--------------------------|-------|--------------------------|----|--------------------------|
| <input type="checkbox"/> | INDEX | <input type="checkbox"/> | HL | <input type="checkbox"/> |
| <input type="checkbox"/> | NID | <input type="checkbox"/> | PI | <input type="checkbox"/> |
| <input type="checkbox"/> | MAP | <input type="checkbox"/> | | <input type="checkbox"/> |

PROCESSING COMMENTS:

Unit well

Need Water permit

APPROVAL LETTER:

SPACING: A-3 Lisbon Unit c-3-a _____ CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

1- Water

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT Liston

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

May 2, 1984

Union Oil Company of California
P. O. Box 2620
Casper, Wyoming 82602-2620

RE: Well No. Lisbon Unit A-911
SWSW Sec. 11, T. 30S, R. 24E
976' FSL, 385' FWL
San Juan County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

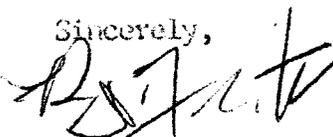
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Union Oil Company of California
Well No. Lisbon Unit A-911
May 2, 1984
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31014.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

Enclosures

Union Oil and Gas Division: Central Region

Union Oil Company of California
900 Werner Court
Post Office Box 2620
Casper, Wyoming 82602-2620
Telephone (307) 234-1563

RECEIVED



MAY 10 1984

DIVISION OF OIL
& MINING

May 8, 1984

State of Utah
Natural Resources
Oil, Gas and Mining
4241 State Office Bldg.
Salt Lake City, UT 84114

Re: Lisbon Unit Well No. A-911
SW SW, Sec. 11, T.30S., R.24E.
(976' FSL & 385' FWL)
San Juan County, Utah
API No. 43-037-31014

Gentlemen:

Attached, please find the Application for Permit to Drill and Ten Point Plan for the above referenced well. As previously discussed, this well is not being drilled on a unit basis and is, therefore, subject to the General State Spacing Rule which provides that wells be located at least 500 feet from the lease line. An exception to this rule is requested for this well because of the extremely rough topography in the area. (See attached topographic map.)

We are advised that our application to appropriate water is being processed, and we will forward the approval as soon as it is received.

If any further information is required, please contact me at (307) 234-1563.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA

Glenn Fredrick
District Drilling

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: _____
BY: _____

GCF:pd
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bond No. B-73310

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

2. NAME OF OPERATOR
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 (Also to nearest drlg. unit line, if any) 385'

7. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
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8. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6,291' G.R.

RECEIVED

MAY 23 1984

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
 SL-070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Lisbon Unit

8. FARM OR LEASE NAME
 Lisbon Unit

9. WELL NO.
 A-911

10. FIELD AND POOL, OR WILDCAT
 Lisbon

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

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

16. NO. OF ACRES IN LEASE
 1,240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

19. PROPOSED DEPTH
 8,800'

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 Immediately Upon Approval

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT | Expected To |
|--------------|----------------|-----------------|---------------|--------------------|-------------|
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The BOP will be operationally tested daily and each test logged.

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 prevention program, if any.

SIGNED V. G. Ladd, Jr. TITLE District Drilling Supt. DATE _____
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

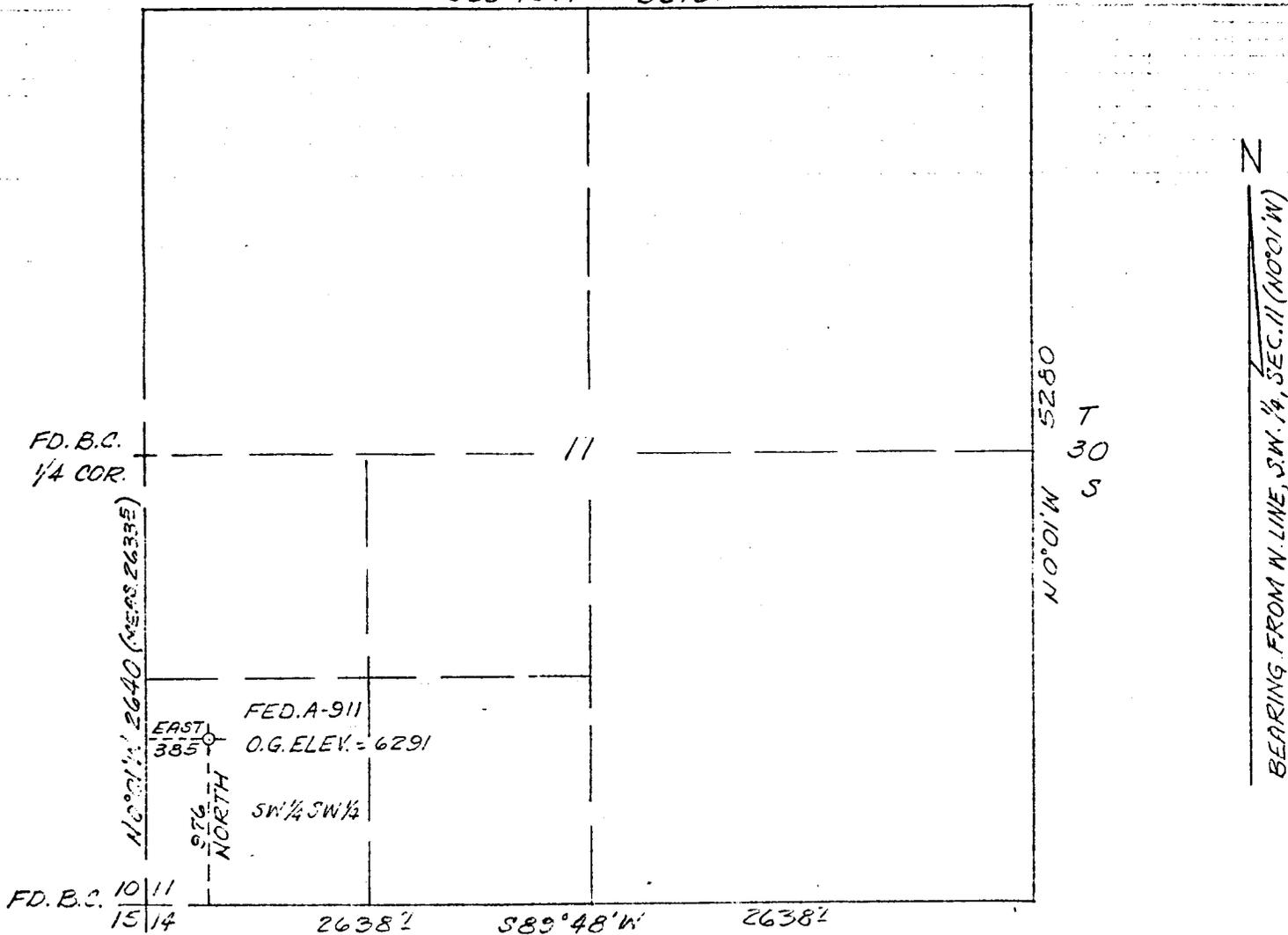
APPROVED BY /S/ GENE NODINE TITLE DISTRICT MANAGER DATE 18 MAY 1984

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

R24E

S89°48'W 52782



SECTION BOUNDARY CALLS
ARE RECORD G.L.O., 1921

WELL LOCATION PLAT OF
FEDERAL A-911 IN
SW 1/4 SW 1/4, SEC. 11, T30S, R24E, S.L.B. & M.
SAN JUAN COUNTY, UTAH
TRANSIT & E.D.M. SURVEY
FOR: UNION OIL COMPANY
SCALE: 1" = 1000' APRIL 10, 1954



UTAH R.L.S. No 1963

ELEV. BY VER. ANGLES FROM U.S.G.S.
TOPG. QUAD. "HATCH ROCK, UTAH", 1954
(S.W. COR., SEC. 11 = 6450)

REC'D MDO MAY 04 1984

Union Oil and Gas
Lisbon Unit A-911
Sec. 11, T. 30S., R. 24E.
San Juan County, Utah
SL-070008-A

Conditions of Approval

1. All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors, A copy of these conditions will be furnished the field representative to ensure compliance.
2. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.
4. The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.
5. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.
6. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

7. If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.
8. Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.
9. A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.
10. No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.
11. Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.
12. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows: 4 feet, 18 inch dirt piled over cellar. The top of the marker will be closed or capped.
13. The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

"Fed" lease number, as applicable. "Well number, location by $\frac{1}{4}$ section, township and range", "operator".
14. Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

15. All loading lines and valves will be placed inside the berm surrounding the tank battery.
16. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
17. Seed will be broadcast or drilled during the fall of the year (Oct.-Dec.). If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

18. Seed Mixture

| | | <u>lbs/acre</u> |
|-----------------------|----------------------|-----------------|
| Oryzopsis hymenoides | Indian ricegrass | 2 |
| Agropyron smithii | Western wheatgrass | 2 |
| Melilotus officinalis | Yellow sweetclover | 1 |
| Purshia tridentata | Antelope bitterbrush | 2 |
| Cowenia mexicana | Cliffrose | $\frac{2}{9}$ |

If seed is broadcast, double the above application rate.

19. There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.
20. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.
21. The dirt contractor will be provided with an approved copy of the surface use plan.
22. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.
23. This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

ONSITE

DATE: April 11, 1984

PARTICIPANTS:

TITLES:

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Your contact with the District Office is: Robert (Bob) Graff

Office Phone: 801-259-6111 Ext 216

City: Moab State: Utah

Resource Area Manager's address and contacts are:

Address: Grand Resource Area, Old Sand Flat Road, P.O. Box M, Moab, Utah 84532

Your contact is: Wayne Svejnoha

Office Phone: 801-259-8193

Home Phone: 801-259-8476

Water
&
T-54887 (05-2108)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: UNION OIL COMPANY

WELL NAME: LIBSON UNIT A-911

SECTION SWSW 11 TOWNSHIP 30S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR COLEMAN DRILLING COMPANY

RIG # 4

SPUDDED: DATE 7-14-84

TIME 9:00 AM

HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY MICHELLE SHIPLEY

TELEPHONE # 307 234-1563

DATE 7-16-84 SIGNED GL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | RECEIVED JUL 20 1984 |
| 2. NAME OF OPERATOR Union Oil Company of California | | |
| 3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620 | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface 976' FSL & 385' FWL | | |
| 14. PERMIT NO. 43-037-31014 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6291' GR (Ungraded) | |

| |
|---|
| 5. LEASE DESIGNATION AND SERIAL NO. SL-070008-A |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME Lisbon Unit |
| 9. WELL NO. A-911 |
| 10. FIELD AND POOL, OR WILDCAT Lisbon |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T.30S., R.24E. |
| 12. COUNTY OR PARISH San Juan |
| 13. STATE Utah |

**DIVISION OF OIL
GAS & MINING**

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) <u>SPUD NOTICE</u> <input checked="" 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.)*

MIRU Coleman Drilling Company's rotary rig No. 4. Drilled rat hole and mouse hole. Drilled 17-1/2" hole to 59'. Ran and cemented 13-3/8" conductor at 58' with 55 sacks of cement. N.U. conductor and W.O.C. 7 hours. Tagged cement top at 40'. Spudded 12-1/4" hole at 9:00 a.m., 7-14-84. Drilled to 1000'. Circulated.

Ran and cemented 23 joints and 1 piece (985.76') of 9-5/8", 40#, K-55, ST&C, 8RD, new, seamless casing at 999.76' (float collar at 957.60') with 600 sacks of cement.. Displaced with 73 bbls. water. Maximum PDP 400#. Bumped plug with 1000#. Released pressure and float did not hold. Pressured to 1000#. Shut in. Circulated 11 sacks of cement to surface. C.I.P. & J.C. at 8:30 p.m., 7-17-84. W.O.C.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 7-18-84

(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
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SL-070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

A-911

10. FIELD AND POOL, OR WILDCAT

Lisbon

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

Sec. 11, T.30S., R.24E.

14. PERMIT NO.

API 43-037-31014

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

6291' GR (Ungraded)

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) Supplementary Well History

(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.)*

RECEIVED

Drilling ahead at 7530'.

AUG 15 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 8-13-84

R. G. Ladd, Jr.

(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
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | RECEIVED AUG 27 1984 | 5. LEASE DESIGNATION AND SERIAL NO. SL-070008-A |
| 2. NAME OF OPERATOR Union Oil Company of California | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620 | | DIVISION OF OIL GAS & MINING | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State laws. See also space 17 below.) At surface 976' FSL & 385' FWL (NW SW SW) | | | 8. FARM OR LEASE NAME Lisbon Unit |
| 14. PERMIT NO. API 43-037-31014 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6291' GR (Ungraded) | 9. WELL NO. A-911 | |
| | | 10. FIELD AND POOL, OR WILDCAT Lisbon | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T.30S., R.24E. | |
| | | 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 <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) <u>Supplementary Well History</u> <input checked="" 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.) *

Drilled to 8675' T.D. at 9:30 a.m., 8-21-84. Circulated. Strapped out for logs with no correction or drag on trip. Ran DLL-MSFL w/GR and Caliper, LDT-CNL w/Caliper, and Sonic Log. Circulated hole for 1 hour. Changed rams in BOP.

Ran and landed 207 jts. and 1 piece (8657.33') of 5-1/2", 17#, L-80, CYS-95, and K-55, LT&C, 8RD, new and used, seamless casing at 8671.33' (top of differential fill guide shoe at 8669', top of differential fill float collar at 8624', and top of DV tool at 7317'). Cemented in 2 stages as follows: Pumped 5 bbls. water, 20 bbls. superflush with 5#/bbl. walnut hulls, followed by 5 bbls. water, followed by 300 sacks class "H" cement. Displaced with 201-1/2 bbls. mud. Had good returns throughout. Bumped plug with 300 psi and float held O.K. Maximum PDP 600 psi. First stage, plug down at 8:45 a.m., 8-23-84. Dropped bomb and opened DV tool at 9:14 a.m., 8-23-84. Circulated 3-1/2 hours. Pumped second stage as follows: Pumped 5 bbls. water, 10 bbls. superflush, 5 bbls. water, followed by 660 sacks of light cement. Tailed in with 100 sacks class "H" cement. Displaced with 170 bbls. fresh water. Bumped plug with 300 psi. DV tool held O.K. Maximum PDP 1600 psi. C.I.P. & J.C. at 1:54 p.m. on 8-23-84. Released rig at 10:00 p.m., 8-23-84. Waiting on completion unit.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-24-84

(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
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

RECEIVED

SEP 4 1984

DIVISION OF OIL
GAS & MINING

| | | | |
|---|--|---|-------------------|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME | |
| 2. NAME OF OPERATOR Union Oil Company of California | | 8. FARM OR LEASE NAME Lisbon Unit | |
| 3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620 | | 9. WELL NO. A-911 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 976' FSL & 385' FWL (NW SW SW) | | 10. FIELD AND POOL, OR WILDCAT Lisbon | |
| 14. PERMIT NO. API No. 43-037-31014 | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T.30S., R.24E. | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6291' GR (Ungraded) | | 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 <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) MOVE IN REPLACEMENT RIG FOR COMPLETION OPERATIONS <input checked="" type="checkbox"/> | |

| | |
|--|--|
| 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 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.)*

8675'

PROPOSED COMPLETION PROCEDURE:

- MIRU completion unit. N.U. BOP and test to 3000 psi.
- P.U. 4-5/8" bit and RIH on 3-1/2" D.C. and 2-7/8" tubing. D.O. DV tool at 7317' and test casing to 3000 psi. C.O. to float collar at 8620'.
- Circulate w/3% KCl water. Spot 150 gals. 15% HCl w/NE, LST, and double inhibited, from 8250-8096'. POOH.
- Perforate Lynch from 8200-8224' and 8238-8245' with 4 spf w/casing gun.
- RIH with treating packer and set at +8050'. Swab and test.
- If interval is determined to be water or gas productive, set retainer and squeeze perfs. Go to Step No. 11.
- If swab rates are low, treat Lynch perfs with 3000 gals. 15% HCl acid w/NE and LST, maintaining pressure below 1800 psi. Acidize in six 500-gal. stages with ball sealers for diversion between each stage.
- Swab load back and test.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE 8-31-84

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Note:
Federal approval of this
action is required.

*See Instructions on Reverse Side

DATE 9/7/84
BY: John R. Bays

Union Oil Company of California
Lisbon Unit Well No. A-911
Lisbon Field
San Juan County, Utah
8-31-84
Pg. 2

9. If interval is not productive, set retainer and squeeze perfs. If interval is productive, set CIBP or model "D" packer with "DR" plug in place at 8150'.
10. Circulate with 3% KCl water if necessary. Spot 250 gals. 15% HCl with NE, LST, and double inhibited, from 8120-7864'. POOH.
11. Perforate McCracken 8055-8071', 8082-8101', and 8105-8115' with 4 spf with casing gun.
12. RIH with treating packer and set at +7950'. Swab test.
13. If swab rates are low, treat McCracken perfs 8055-8071', 8082-8101', and 8105-8115' with 3000 gals. 15% HCl acid with NE and LST, maintaining pressure below 1800 psi. Acidize in six 500-gal. stages with ball sealers for diversion between each stage.
14. Swab load back and test.
15. If necessary, sandfrac McCracken.
16. Swab load back and test.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | | |
|---|--|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 7. UNIT AGREEMENT NAME | |
| 2. NAME OF OPERATOR Union Oil Company of California | | 8. FARM OR LEASE NAME Lisbon Unit | |
| 3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620 | | 9. WELL NO. A-911 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 976' FSL & 385' FWL (NW SW SW) | | 10. FIELD AND POOL, OR WILDCAT Lisbon | |
| 14. PERMIT NO. API 43-037-31014 | | 12. COUNTY OR PARISH San Juan | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6291' GR (Ungraded) | | 13. STATE Utah | |

OCT 01 1984

DIVISION OF OIL
GAS & MINING

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

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|--|---|--|--|
| 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"/> |
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| 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) SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/> | |

(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.)*

Well Status Report: Waiting on completion unit.

18. I hereby certify that the foregoing is true and correct
SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 9-28-84
(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
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

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| | | |
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| 2. NAME OF OPERATOR Union Oil Company of California | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620 | | 7. UNIT AGREEMENT NAME |
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| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6291' GR (Ungraded) | | 10. FIELD AND POOL, OR WILDCAT Lisbon |
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| | | 12. COUNTY OR PARISH 13. STATE San Juan Utah |

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|--|---|--|--|
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| 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) SUPPLEMENTARY 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.)*

8675' T.D.

MIRU completion unit on 10-2-84. N.U. BOP. P.U. 4-5/8" bit, X-over, and 12 3-1/2" DC's on 2-7/8" tubing to DV tool at 7318'. L.D. one jt. of tubing. S.I. and SDON.

R.U. pump and swivel. Tested casing to 3000 psi, O.K. Drilled 6' cement and D.V. tool and tested casing to 3000 psi, O.K. Ran tubing to 8625' ETD. Circulated hole with 3% KCl water. Spotted 150 gals. 15% HCl acid w/NE & LST additives, double inhibited, from 8245-8095'. TOOH.

Perforated Lynch formation at 8200-8224' and 8238-8245' with 4 spf with 4" casing gun. Ran Model "R" packer, seating nipple on 2-7/8" tubing. Set packer at 8009'. Swabbed 47 bbls. load water/2 hours. F.L. surface to S.N. with no shows. Left well open to tank overnight.

Made one swab run and tubing dry. Treated Lynch perms 8200-8224' and 8238-8245' with 3000 gals. 15% HCl acid with additives in six 500-gal. stages, with 36 ball sealers after first 5 stages at 0-3800-3600 psi at 2 bpm. Displaced with 50.5 bbls. water at 2 bpm at 3600 psi. No ball action. ISDP 3400#. 3300#/1. 3000#/10. 2750#/15 mins. Total load 125 bbls.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-12-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Union Oil Company of California
Lisbon Unit Well No. A-911
Lisbon Field
San Juan County, Utah
Page 2

Swabbed 59 bbls. load and 8 bbls. oil/5 hours. F.L. surface to 7000'. Left well open on 10/64" choke with weak-medium gas blow.

Well open 14 hours with no fluid to surface. FTP 0 psi. Checked F.L. at 3600' (4400' rise/14 hours). Swabbed 31 bbls. oil/10-1/2 hours with gas decreasing from a strong blow to a very weak blow. Left well open on 10/64" choke overnight.

Zero pressure on tubing with no fluid to surface/13 hours. Tagged F.L. at 5000' (3000' rise/13 hours). Swabbed 2 bbls. yellow to greenish yellow, heavy, gas-cut oil/1-1/2 hours with strong gas blow for 15-20 mins. after each swab run. Loaded tubing with water, released packer, and reverse circulated tubing clean with oil and gas to surface. TOOH, laying down Model "R" packer.

Ran and set cast-iron bridge plug on W.L. at 8150'. Perforated McCracken Formation at 8055-8071', 8082-8101', and 8105-8115' with 4 spf with 4" casing gun. P.U. new Model "R" packer and seating nipple on 2-7/8" tubing and TIH to 8140'. Spotted 150 gals. 15% HCl acid w/NE & LST additives, double inhibited, from 8140-7990'. P.O. 6 jts. tubing. Reverse circulated with 10 bbls. water with trace of oil and gas to surface. N.D. BOP and N.U. Xtree.

Ran and landed 252 jts. (7950.50') of 2-7/8", 6.5#, L-80, 8RD, ST&C, new, seamless tubing at 7962.50' with Model "R" packer at 7957.65'. Swabbed 46 bbls. load water with trace of oil and gas/2 hours.

Treated McCracken perms 8055-8155' with 3000 gals. 15% HCl acid with additives and 270 ball sealers in six 500-gal. stages and five 54-ball stages at 2 bpm at 0-2000-2750-1700-1800-2000-2100-2300-2250 psi. Displaced with 50.5 bbls. 2% KCl water. ISDP 1800#. 1200#/1. 600#/5. 300#/10. 150#/15 mins. Total load 120 bbls. acid and water.

Swabbed 55 bbls. load with strong gas blow/2 hours. Well kicked off on third run. Flowed 22 bbls. load water and oil with very strong gas blow/2-1/2 hours with cut increasing to 90% oil last hour on 1" choke. FTP 400 psi, then flowed 65 bbls. oil/12 hours on 18/64" choke. Have recovered 77 bbls. of 120 bbl. acid and water load.

Flowed 40 bbls. oil cut 1-4% water/7 hours with strong gas blow on 18/64" choke. FTP 350 psi. Gas rate 140 MCF. Released rig on 10-11-84.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON RECEIVED
(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 OCT 15 1984

2. NAME OF OPERATOR: Union Oil Company of California DIVISION OF OIL GAS & MINING

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
976' FSL & 385' FWL (NW SW SW)

5. LEASE DESIGNATION AND SERIAL NO.: SL-070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Lisbon Unit

9. WELL NO.: A-911

10. FIELD AND POOL, OR WILDCAT: Lisbon

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

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.: API No. 43-037-31014

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6291' GR (Ungraded)

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) <u>FIRST DAY PRODUCTION</u> <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.)*

8675' T.D.

First Day Production: (10-10-84) - Flowed 22 bbls. load water and oil with very strong gas blow/2-1/2 hrs with cut increasing to 90% oil last hour on 1" choke w/FTP 400 psi; then flowed 65 bbls. oil/12 hours on 18/64" choke.

Note: Phoned in first-day production to Max Day, Bureau of Land Management, Branch of Fluid Minerals, Moab, Utah, on 10-12-84.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-12-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED

OCT 26

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DIVISION OF OIL
GAS & MINING LEASE
SL-070008-A

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Union Oil Company of California

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 976' FSL & 385' FWL (NW SW SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lisbon Unit

9. WELL NO.
A-911

10. FIELD OR WILDCAT NAME
Lisbon

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

12. COUNTY OR PARISH | 13. STATE
San Juan | Utah

14. API NO.
43-037-31014

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6291' GR (Ungraded)

| | | | |
|--------------------------|--------------------------|-----------------------|--------------------------|
| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) I.P. NOTICE | <input type="checkbox"/> | | <input type="checkbox"/> |

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

8675' T.D.

Initial Potential: (10-18-84) - Flowed 192 B0 + trace of water & 201 MCF gas in 24 hours on 40/64" choke with FTP 240# and Sep. 80#. Gravity 44.7° @ 60°.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 10-23-84

(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-R3575.

13

5. LEASE DESIGNATION AND SERIAL NO.

SL-070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

A-911

10. FIELD AND POOL, OR WILDCAT

Lisbon

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

Sec. 11, T.30S., R.24E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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
Union Oil Company of California

RECEIVED

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

OCT 29 1984

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

DIVISION OF OIL GAS & MINING

At surface 976' FSL & 385' FWL (NW SW SW)

At top prod. interval reported below
Straight Hole

At total depth
Straight Hole

14. PERMIT NO. DATE ISSUED
API 43-037-31014 5-2-84

15. DATE SPUNDED 7-14-84 16. DATE T.D. REACHED 8-21-84 17. DATE COMPL. (Ready to prod.) 10-10-84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6291' GR (Ungrd) 19. ELEV. CASINGHEAD 6292'

20. TOTAL DEPTH, MD & TVD 8675' 21. PLUG, BACK T.D., MD & TVD CIBP @ 8150' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8055-8115' (MD) - McCracken 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-MSFL w/GR & Caliper, LDT-CNI w/Caliper, and Sonic Log 27. WAS WELL CORED No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9-5/8" | 40# | 999.76' | 12-1/4" | 600 SX | - - - |
| 5-1/2" | 17# | 8,671.33' | 7-7/8" | 1,060 SX | - - - |

| 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" | 7,962.50' | 7,957.65' |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|----------------------------------|--|--|
| INTERVAL | SIZE | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 8200-8224' | -4 spf w/4" csg gun-Lynch)CIBP @ | 8200-8245' | 3000 gals 15% HCl w/additives and 180 ball sealers |
| 8238-8245' | -4 spf w/4" csg gun-Lynch)8150' | 8055-8115' | 3000 gals 15% HCl w/additives and 270 ball sealers |
| 8055-8071' | -4 spf w/4" csg gun-McCracken | | |
| 8082-8101' | -4 spf w/4" csg gun-McCracken | | |
| 8105-8115' | -4 spf w/4" csg gun-McCracken | | |

33.* PRODUCTION
DATE FIRST PRODUCTION 10-10-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 10-18-84 | 24 | 40/64" | → | 192 | 201 | Trace | 1047:1 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 240 psi | | → | 192 | 201 | Trace | 44.7° @ 60° | |

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

35. LIST OF ATTACHMENTS
None

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-23-84

*(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.)

NOTE: Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor on tour sheets.

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. |
|-----------|-------|--------|---|
| Cutler | | 1868' | Sands and Shales. (Sands are water wet. No tests.) |
| Hermosa | 1868' | 3006' | Sands, Limestones, and Shales. (Sands are water wet. No tests.) |
| LaSal | 3044' | 3119' | Limestone. (Porous zones are water wet or may contain minor oil. No tests.) |
| Redwall | 7460' | 7765' | Limestone and Dolomite. (Porous zones contain gas. No tests.) |
| McCracken | 8054' | 8117' | Sandstone and Dolomite. (Porous zones contain oil.) |
| Lynch | 8198' | 8303' | Dolomite. (Porous zones contain oil.) |
| | | | No DST's. |

38.

GEOLOGIC MARKERS

| NAME | TOP | |
|--------------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Hermosa | 1868' | |
| LaSal | 3006' | |
| Paradox | 3675' | |
| Paradox Salt | 4005' | |
| Base of Salt | 7284' | |
| Redwall | 7460' | |
| Ouray | 7765' | |
| Elbert | 7877' | |
| McCracken | 8027' | |
| Aneth | 8118' | |
| Lynch | 8198' | |
| Ophir | 8547' | |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

OCT 29 1984

**DIVISION OF OIL
GAS & MINING**

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Lisbon Unit Well No. A-911

Operator Union Oil Co. of California Address P. O. Box 2620-Casper, WY 82602

Contractor Coleman Drilling Co. Address P. O. Drawer 3337-Farmington, NM

Location SW 1/4 SW 1/4 Sec. 11 T: 30S. R. 24E. County San Juan 87499

Water Sands

| <u>Depth</u> | | <u>Volume</u> | <u>Quality</u> |
|--------------|--|-------------------|----------------|
| From | To | Flow Rate or Head | Fresh or Salty |
| 1. | <u>No known flowing water sands encountered during drilling.</u> | | |
| 2. | <u></u> | | |
| 3. | <u></u> | | |
| 4. | <u></u> | | |
| 5. | <u></u> | | |

(Continue of reverse side if necessary)

Formation Tops Hermosa-1868', La Sal-3006', Paradox-3675', Paradox Salt-4005',
Base of Salt-7284', Redwall-7460', Ouray-7765', Elbert-7877', McCracken-8027',
Aneth-8118', Lynch-8198', Ophir-8547'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Union Oil Company California

Post Office Box 760, Moab, Utah 84532
Telephone (801) 686-2236

UNION 

November 5, 1984

RECEIVED

NOV 08 1984

**DIVISION OF OIL
GAS & MINING**

Mr. Ron Firth
State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

ASSOCIATED GAS FLARING
LISBON #A-911
SEC. 11-T30S-R24E
SAN JUAN COUNTY, UTAH

Dear Mr. Firth:

The Lisbon #A-911 has produced twenty days since its initial completion. Three days of production are as follows:

| | |
|----------|-------------------|
| 10-25-84 | 179 BO + 220 MCFD |
| 10-26-84 | 158 BO + 221 MCFD |
| 10-27-84 | 150 BO + 225 MCFD |

Union is working on a market for this gas. If it takes longer than a month, I will supply you with the other information required by Rule C-27.

Sincerely,



B.R. Govreau
Area Supt.

BRG:aj



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1984

COPY

Union Oil Company of California
P.O. Box 2620
Casper, Wyoming 82602-2620

Gentlemen:

Re: Lisbon Unit Well No. A-911, Section 11, T. 30S, R. 24E, San Juan County, Utah.

A well completion report for the above referenced well has recently been received by this office. The report indicated that the well produced a average of 201 MCF/D of associated gas during a 24 hour period on October 18, 1984. The Division hereby requests that action be taken to comply with Rule C-27 of the General Rules and Regulations of the Board of Oil, Gas and Mining.

For your information, a copy of Rule C-27 and an interpretation recently adopted by the Board are enclosed. Please note that no more than 25 MCF/D of associated gas can be vented or flared without Board approval. If you intend to produce the well at a higher rate, an appropriate request and justification statement must be submitted for review by the Board at its next regularly scheduled monthly meeting.

Therefore, it is requested that you take remedial action in order to comply with Rule C-27 and inform the Division of your intentions.

Your prompt attention to this matter

Brad Gorrean called in December stating that a pipeline had been contracted & the well would be tied in very soon.

JRB

JRB/sb
Enclosure
cc: BLM-Moab
D.R. Nielson
R.J. Firth, DOGM
96840-70



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 1, 1984

Union Oil Company of California
P.O. Box 2620
Casper, Wyoming 82602-2620

COPY

Gentlemen:

Re: Lisbon Unit Well No. A-911, Section 11, T. 30S, R. 24E, San Juan County, Utah.

A well completion report for the above referenced well has recently been received by this office. The report indicated that the well produced a average of 201 MCF/D of associated gas during a 24 hour period on October 18, 1984. The Division hereby requests that action be taken to comply with Rule C-27 of the General Rules and Regulations of the Board of Oil, Gas and Mining.

For your information, a copy of Rule C-27 and an interpretation recently adopted by the Board are enclosed. Please note that no more than 25 MCF/D of associated gas can be vented or flared without Board approval. If you intend to produce the well at a higher rate, an appropriate request and justification statement must be submitted for review by the Board at its next regularly scheduled monthly meeting.

Therefore, it is requested that you take remedial action in order to comply with Rule C-27 and inform the Division of your intentions.

Your prompt attention to this matter is appreciated.

Sincerely,

John R. Baza
Petroleum Engineer

JRB/sb
Enclosure
cc: BLM-Moab
D.R. Nielson
R.J. Firth, DOGM
96840-70

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P.O. Box 760, Moab, Utah 84532

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 976' FSL & 385' FWL (NWSWSW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
SL-07008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lisbon

9. WELL NO.
A-911

10. FIELD OR WILDCAT NAME
Liston

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 11, T30S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-31014

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6291' GR (ungraded)

REQUEST FOR APPROVAL TO: X SUBSEQUENT REPORT OF:

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

RECEIVED

APR 15 1985

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL
GAS & MINING

(other) Notice of first gas sales.

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.)*

Initial gas sales from this well began April 10 at 10:00 a.m. This well is currently making 246 BOPD + 0 BWPD + 379 MCFD with 580# FTP. Initial production from this well started on October 10, 1984.

NOTE: Phoned first gas sales to Paul Brown, BLM, Grand Resource Area Office on 4-10-85.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED BR Brown TITLE Area Supt. DATE 4-10-85

(This space for Federal or State office use)

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

cc: John R. Baza, Utah Board of Oil, Gas & Mining, 4241 State Office Bldg, Salt Lake City, Utah 84114

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SL-070008-A

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.)

RECEIVED

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Union Oil Company of California

APR 29 1985

8. FARM OR LEASE NAME
Lisbon Unit

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

DIVISION OF OIL
GAS & MINING

9. WELL NO.
A-911

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

10. FIELD AND POOL, OR WILDCAT
Lisbon

976' FSL & 385' FWL (NW SW SW)

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

14. PERMIT NO.
API 43-037-31014

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6291' GR (Ungraded)

12. COUNTY OR PARISH 13. STATE
San Juan 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.) *

8675' TD
9-5/8" @ 999.76' w/600 sx
5-1/2" @ 8671.33' w/1060 sx

Drilled in 1984
Perfs: 8200-8224') - CIBP @ 8150'
8238-8245') (Lynch)
8055-8071')
8082-8101') - McCracken
8105-8115')

Purpose: To increase production.

Lisbon Well No. A-911 was completed with a minimal acid treatment in 1984 and had an initial potential of 192 BOPD & 201 MCFD gas. The production has decreased and the average production in March, 1985, was 61 BOPD & 120 MCFD gas.

MIRU pulling unit on 4-1-85. Cut paraffin in tubing, O.K. Loaded tubing with 45 bbls. lease oil with tubing on strong vacuum. N.D. Xmas tree and checked weight set on packer, O.K. N.U. Xmas tree.

Opened well on slight blow. Tested lines to 9000 psi. Sandfractured McCracken perfs 8055-8115' with 40,824 gals. gelled oil with additives, 8280# 100-mesh sand, and 44,352# 20-40 sand, at average rate of 18 bpm and average pressure of 6000 psi, in eight stages. Displaced with 48 bbls. gelled oil. ISIP 4000 psi. 3980 psi/1 min. 3840 psi/5 mins. 3690 psi/10 mins. 3530 psi/15 mins. S.I.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 4-24-85

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Union Oil Company California
Lisbon Unit Well No. A-911
San Juan County, Utah
4-24-85
Pg. 2

SITP 0#/21 hours. Swabbed 39 BO/1-1/2 hours. F.L. 0-2500'. Well kicked off at 9:00 a.m., 4-4-85. Flowed 80 bbls. oil on 15/64" choke/6 hours. FTP 200-150-300#. Returned well to production at 1:30 p.m., 4-4-85. Flowed 163 bbls. oil/16-1/2 hours and well dead in a.m. Made one swab run and well kicked off flowing. Flowed 515 bbls. oil/24 hours on 20/64" to 28/64" chokes. Released pulling unit on 4-5-85. (Load oil recovered.)

Production Before Sandfrac: (March, 1985 Average) - Flowed 61 BOPD & 120 MCFD gas. FTP 40 psi.

Production After Sandfrac: (4-22-85) - Flowed 177 BOPD + 0 BOPD & 260 MCFD gas. FTP 410 psi.

UNOCAL 76

June 15, 1987

U.S. Dept. of the Interior
Bureau of Land Management
Moab District
P.O. Box 970
Moab, Utah 84532

Attn: Mr. Paul Brown

LISBON FIELD, SAN JUAN COUNTY, UTAH
WELL'S MCCRACKEN A-911 AND B-610
LEASE #'S SL-070008-A & SL-U-014903

Dear Mr. Brown:

As per our telephone conversation last Friday, Trans Colorado Pipeline has shut in their 5 year old 8" pipeline which gathers natural gas from wells A-911 and B-610. This particular section of line has given TCP fits as it was installed with a bad wrap job and has a history of leaks due to external corrosion. We understand that the line currently has 17 leaks (23 leaks were repaired during last month) and that they are considering replacing the line. In either event TCP will most likely be shut in from 30 to 90 days, which is beyond our control and will result in both of these wells being shut in.

In accordance with NTL-4A, Part IIIA, Unocal request BLM approval to flare produced natural gas from both McCracken wells A-911 and B-610 for up to 90 days in order to recover the crude oil production. For the month of April 1987 the production from these wells was:

| <u>WELL #</u> | <u>LOCATION</u> | <u>BOPD</u> | <u>BWPD</u> | <u>MCF/D</u> |
|---------------|----------------------------|-------------|-------------|--------------|
| A-911 | SW SW SEC. 11 T30S R24E | 52 | 0 | 146 |
| B-610 | NE NW SEC. 10 T30S R24E | 19 | 0 | 87 |

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

cc: Lynn Jackson, BLM
L. Reed
D. Visser
File 4.25

GAS ANALYSIS

| | | |
|---|------------------------|----------------------------------|
| ANALYSIS NO.: C85NG1073 I PA-3 | DATE RECEIVED: | APRIL 19, 1985 |
| COMPANY: UNOCAL 76 | DATE RUN: | APRIL 23, 1985 |
| CYLINDER NO.: SS-76 40 | DATE SAMPLED: | APRIL 16, 1985 |
| DESCRIPTION: | | |
| WELL NAME: A-9114 | LOCATION: | |
| COUNTY: SAN JUAN | STATE: UT | SAMPLED FROM: COMPRESSOR SUCTION |
| PERF. FROM: | TO: | ZONE: |
| FIELD DETERMINATIONS: SAMPLE PRESS (PSIG): 65 | | SPEC. GRAVITY: |
| AMBIENT TEMP (F): | | SAMPLE TEMP (F): 80 |
| REQUESTED BY: S. GREGORY | SAMPLED BY: S. GREGORY | |

CHROMATOGRAPH METHOD

| <u>COMPONENT</u> | <u>MOL%</u> | <u>G.P.M.*</u> |
|------------------|-------------|----------------|
| OXYGEN/ARGON | 0.07 | |
| CARBON DIOXIDE | 2.99 | |
| NITROGEN | 10.35 | |
| METHANE | 58.36 | |
| ETHANE | 13.10 | 3.486 |
| PROPANE | 8.00 | 2.192 |
| I-BUTANE | 1.40 | 0.456 |
| N-BUTANE | 3.17 | 0.993 |
| I-PENTANE | 0.87 | 0.318 |
| N-PENTANE | 0.97 | 0.348 |
| HEXANES-PLUS | <u>0.72</u> | <u>0.313</u> |
| TOTAL | 100.00 | 8.106 |

* CALCULATED VALUE BASED ON IDEAL GAS VALUES FROM LATEST G.P.A. PUB. 2145 @ 60F AND 14.65 PSIA.

** CALCULATED VALUE USING METHOD FROM G.P.A. PUB. 2172 AND LATEST GAS VALUES FROM 2145.

| | | |
|--|--------|-----|
| ** GROSS HEATING VALUE PER CU.FT.@ 60F & 30 IN.HG SAT. | 1267.5 | BTU |
| ** GROSS HEATING VALUE PER CU.FT.@ 60F & 30 IN.HG DRY | 1289.9 | BTU |
| ** NET HEATING VALUE PER CU.FT.@ 60F & 30 IN.HG SAT. | 1154.4 | BTU |
| ** NET HEATING VALUE PER CU.FT.@ 60F & 30 IN.HG DRY | 1174.8 | BTU |
| ** SPECIFIC GRAVITY (AIR = 1.00) | 0.8881 | |

REMARKS: O.N. 36939

COMPRESSOR INLET

UnionOil Co-Moab(SteveGregory)
CRC

ACCOUNT NUMBER:

INVOICE: Union Oil Company of California
P.O. Box 760
Moab, UT 84532-0760
Attn: Steve Gregory

John C. Buehler ANALYST
ADDRESS INQUIRIES TO LABORATORY MANAGER

UNOCAL 76

June 15, 1987

U.S. Dept. of the Interior
Bureau of Land Management
Moab District
P.O. Box 970
Moab, Utah 84532

Attn: Mr. Paul Brown

LISBON FIELD, SAN JUAN COUNTY, UTAH
WELL'S MCCRACKEN A-911 AND B-610
LEASE #'S SL-070008-A & SL-U-014903

Dear Mr. Brown:

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| <u>WELL #</u> | <u>LOCATION</u> | <u>BOPD</u> | <u>BWPD</u> | <u>MCF/D</u> |
|---------------|----------------------------|-------------|-------------|--------------|
| A-911 | SW SW SEC. 11 T30S R24E | 52 | 0 | 146 |
| B-610 | NE NW SEC. 10 T30S R24E | 19 | 0 | 87 |

U.S. Dept. of the Interior
Well's McCracken A-911 & B-610
June 15, 1987

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

cc: Lynn Jackson, BLM
L. Reed
D. Visser
File 4.25

UNOCAL 76

June 15, 1987

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
115 West 200 South
Moab, Utah 84532

Attn: Mr. Chip Hutchins

LISBON FIELD, SAN JUAN COUNTY, UTAH
WELL'S MCCRACKEN A-911 AND B-610
LEASE #'S SL-070008-A & SL-U-014903

Dear Mr. Hutchins:

Due to circumstances beyond our control, Trans Colorado Pipeline has shut in their gas gathering pipeline due to numerous leaks. Unocal request approval to flare produced natural gas from McCracken wells A-911 and B-610 during the period of time that TCP either replaces or repairs their pipeline. For additional information, I have enclosed a copy of a letter to the BLM.

Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

cc: L. Reed
D. Visser
File 4.25

Unocal Oil & Gas Division
Unocal Corporation
P.O. Box 760
Moab, Utah 84532
Telephone (801) 686-2236

UNOCAL 76

June 15, 1987

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
115 West 200 South
Moab, Utah 84532

Attn: Mr. Chip Hutchins

LISBON FIELD, SAN JUAN COUNTY, UTAH
WELL'S MCCRACKEN A-911 AND B-610
LEASE #'S SL-070008-A & SL-U-014903

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Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

cc: L. Reed
D. Visser
File 4.25

3100
(U-050)

Moab District
P. O. Box 371
Moab, Utah 84502

JUN 23 1987

Robert J. Loewecke
Area Production Superintendent
Unocal Corporation
Unocal Oil and Gas Division
P. O. Box 760
Moab, Utah 84502

RECEIVED
JUN 24 1987

DIVISION OF
OIL, GAS & MINING

Re: Flaring of Cashingnead Gas
Federal Lease SL-070000-A, Well McCracken No. A-911
Federal Lease SL-U-014903, Well McCracken No. B-610
Lisbon Field
San Juan County, Utah

Dear Mr. Loewecke:

In response to your request dated June 15, 1987, flaring of less than 200 mcf per day per well of natural gas from the subject wells is hereby approved for a period of time not to exceed 90 days from the above date. After 90 days, flaring will be limited to a maximum of 3000 mcf per month per well for a period of time of one year from the above date.

Please report the volume of gas flared from each well on the Monthly Report of Operations.

Sincerely yours,

/s/ Kenneth V. Rhea

District Manager

cc:
GRA

ACTING

John Baza, Petroleum Engineer
State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

SJones:km:6/22/87 Rang #1311f

3100
(11-060)

Moab District
P. O. Box 970
Moab, Utah 84532

JUN 23 1987

Robert J. Loewecke
Area Production Superintendent
Unocal Corporation
Unocal Oil and Gas Division
P. O. Box 760
Moab, Utah 84532

RECEIVED
JUN 24 1987

**DIVISION OF
OIL, GAS & MINING**

Re: Flaring of Cashingnead Gas
Federal Lease SL-070000-A, Well McCracken No. A-911
Federal Lease SL-U-014963, Well McCracken No. B-610
Lisbon Field
San Juan County, Utah

Dear Mr. Loewecke:

In response to your request dated June 15, 1987, flaring of less than 200 mcf per day per well of natural gas from the subject wells is hereby approved for a period of time not to exceed 90 days from the above date. After 90 days, flaring will be limited to a maximum of 3000 mcf per month per well for a period of time of one year from the above date.

Please report the volume of gas flared from each well on the Monthly Report of Operations.

Sincerely yours,

/s/ Kenneth V. Rhea

District Manager

cc:
GRA

ACTING

John Baza, Petroleum Engineer
State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

SJones:km:6/22/87 Rang #13117



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
 Dee C. Hansen, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

POW

June 30, 1987

305, 04E, 11
 43-037-31014

Mr. Robert J. Loewecke
 Unocal Corporation
 P. O. Box 760
 Moab, Utah 84532

070823

Dear Mr. Loewecke:

Re: Gas Flaring Request

In response to your letter dated June 15, 1987, requesting approval to flare gas from McCracken wells A-911 and B-610, the Division of Oil, Gas and Mining hereby grants approval for the period of time that Trans Colorado Pipeline cannot transport gas from the wells and for not longer than 90 days. Please note that after 90 days, the wells shall be operated in accordance with Rule 311.3 of the Oil and Gas Conservation Rules which allows no more than 25 Mcf of gas per day to be vented or flared.

This approval represents a variance to Rule 311.3 and the Division will inform the Board of Oil, Gas and Mining of the approval during the informal briefing session of their next scheduled meeting. No Board action will be required at this time; however, any additional request for flaring beyond that stated in your letter will require the approval of the Board.

It is also necessary to comply with federal regulations and the federal lease requirements concerning oil and gas operations. Therefore, you are advised to contact the appropriate federal agency and ensure that they do not object to the proposed gas flaring.

Please contact this office again if you have any further questions.

Best regards,

Dianne R. Nielson
 Director

JRB
 cc: R. J. Firth
 Well file
 0314T-60



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 30, 1987

Mr. Robert J. Loewecke
Unocal Corporation
P. O. Box 760
Moab, Utah 84532

Dear Mr. Loewecke:

Re: Gas Flaring Request

In response to your letter dated June 15, 1987, requesting approval to flare gas from McCracken wells A-911 and B-610, the Division of Oil, Gas and Mining hereby grants approval for the period of time that Trans Colorado Pipeline cannot transport gas from the wells and for not longer than 90 days. Please note that after 90 days, the wells shall be operated in accordance with Rule 311.3 of the Oil and Gas Conservation Rules which allows no more than 25 Mcf of gas per day to be vented or flared.

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Please contact this office again if you have any further questions.

Best regards,

Dianne R. Nielson
Director

JRB

cc: R. J. Firth
Well file ✓

0314T-60

R. Faith

Unocal Oil & Gas Division
Unocal Corporation
P.O. Box 760
Moab, Utah 84532
Telephone (801) 686-2236

072826

UNOCAL 76

July 10, 1987

RECEIVED
JUL 13 1987

DIVISION OF *POW*
OIL, GAS & MINING

*J3 037-31014
A-911
Sec 11, T305,
R04E*

Dr. Dianne R. Nielson
State of Utah
Department of Natural Resources
Division of Oil, Gas & mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

**GAS FLARING
LISBON FIELD, SAN JUAN COUNTY
WELL'S MCCRACKEN A-911 & B-610
LEASE #'S SL-070008-A & SL-U-014903**

Dear Dr. Nielson:

Thank you for approval to flare produced natural gas at the above referenced wells during the period of time that Trans-Colorado Pipeline has their gas transmission line shut in for replacement. This letter is to advice the division that Trans-Colorado expect to have the pipeline replaced by early August which will result in flaring gas for less than 60 days.

In addition, I have enclosed a copy of BLM's letter of approval to flare gas. Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

Enclosures

cc: L. Reed w/enclosure
File 7.01 & 22.03 w/enclosure



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

7.01
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 30, 1987

Mr. Robert J. Loewecke
Unocal Corporation
P. O. Box 760
Moab, Utah 84532

Dear Mr. Loewecke:

Re: Gas Flaring Request

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Please contact this office again if you have any further questions.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

JRB
cc: R. J. Firth
Well file
0314T-60



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

3100
(U-065)

Moab District
P. O. Box 970
Moab, Utah 84532

JUN 23 1987

Robert J. Loewecke
Area Production Superintendent
Unocal Corporation
Unocal Oil and Gas Division
P. O. Box 760
Moab, Utah 84532

Re: Flaring of Cashinghead Gas
Federal Lease SL-070008-A, Well McCracken No. A-911
Federal Lease SL-U-014903, Well McCracken No. B-610
Lisbon Field
San Juan County, Utah

Dear Mr. Loewecke:

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Please report the volume of gas flared from each well on the Monthly Report of Operations.

Sincerely yours,

District Manager

cc:
GRA
John Baza, Petroleum Engineer
State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

ACTING

Unocal Oil & Gas Division
Unocal Corporation
P.O. Box 760
Moab, Utah 84532
Telephone (801) 686-2236

R. Faith
Well files

120106

UNOCAL 76

July 10, 1987

RECEIVED
JUL 13 1987

DIVISION OF
OIL, GAS & MINING

Dr. Dianne R. Nielson
State of Utah
Department of Natural Resources
Division of Oil, Gas & mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

B-610 43-037-16469 POW
A-911 43-037-31014 POW
30S 24E sec 11

GAS FLARING
LISBON FIELD, SAN JUAN COUNTY
WELL'S MCCRACKEN A-911- & B-610
LEASE #'S SL-070008-A & SL-U-014903

Dear Dr. Nielson:

Thank you for approval to flare produced natural gas at the above referenced wells during the period of time that Trans-Colorado Pipeline has their gas transmission line shut in for replacement. This letter is to advice the division that Trans-Colorado expect to have the pipeline replaced by early August which will result in flaring gas for less than 60 days.

In addition, I have enclosed a copy of BLM's letter of approval to flare gas. Should you have any questions, please contact me at your earliest convenience.

Sincerely,



Robert J. Loewecke
Area Production Superintendent

RJL:aj

Enclosures

cc: L. Reed w/enclosure
File 7.01 & 22.03 w/enclosure

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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-014903

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

090212 *Dulg*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lisbon

9. WELL NO.

C-910

10. FIELD AND POOL, OR WILDCAT

Lisbon

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

Sec 10, T30S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. WELL TYPE
OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR *AUG 31 1987*

Unocal

3. ADDRESS OF OPERATOR

P.O. Box 760, Moab, Utah 84532

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

622' FSL & 1452' FEL (SWSE)

14. PERMIT NO.
API No 43-037 - 31323

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6223 GR (ungraded)

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) Off lease metering <input checked="" type="checkbox"/> | |

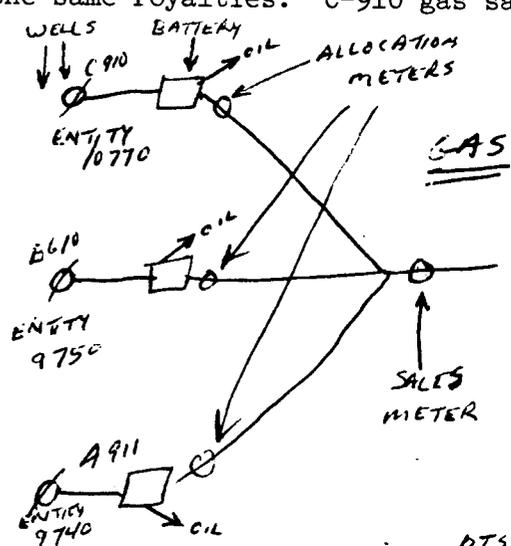
SUBSEQUENT REPORT OF:

| | |
|--|--|
| 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 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.)

Union Oil Company of California requests approval to show gas production from well C-910, Sec 10, T30S, R24E, San Juan County, Utah by the difference between lease meter, as is currently being done for wells B-610, Sec 10, T30S, R24E and A-911, Sec 11, T30S, R24E. All three wells flow to one common sales meter on well A-911, which is owned by Trans Colorado Pipeline. These three wells are subject to the same royalties. C-910 gas sales will begin upon contract with Trans Colorado.



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

SIGNED *Bob Loewecke*

TITLE *Area Prod. Supt.*

DATE *8-27-87*

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

September 4, 1987

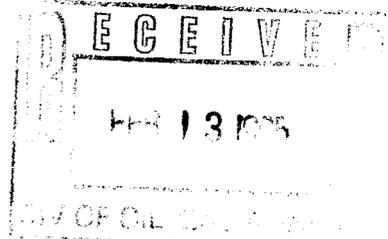
TO: Well File - Lisbon C-910 (43-037-31323)
FROM: D.T. Staley
RE: Gas Metering Lisbon Wells C-910, B-610, and A-911

Per telecon with Bob Loewecke of Union Oil in Moab, each of these three wells has its own tank battery. For gas, there is one common transfer meter used for sales measurement. The volume from this meter is allocated back to each well by use of an allocation meter at each of the three batteries (as of this writing, the B-610 and A-911 are being operated in this manner and the C-910 is still being completed). These allocated volumes are the volumes that are being reported on Union's disposition report as 'transported'.

| | | |
|----------------------|-------------------|---------------------------|
| B-610 (43-037-16468) | | |
| Entity: 09750 | Lease: U-014903 | Prod. Formation: MCRKN |
| C-910 (43-037-31323) | | |
| Entity: 10770 | Lease: U-014903 | Prod. Formation: Drilling |
| A-911 (43-037-31014) | | |
| Entity: 09740 | Lease: SL070008-A | Prod. Formation: MCRKN |

cc: Well File - Lisbon B-610 (43-037-16468)
Well File - Lisbon A-911 (43-037-31014)

UNOCAL 



State of Utah,
Board of Oil, Gas, and Mining
Attn: Gil Hunt
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 841180-1203

SUBJECT: OIL WELL LOCATION A-911 OIL SPILL

Dear Gil,

As required by NTL-3A, attached in duplicate is the written report of the oil spill which occurred at the McCracken Field A-911 location. The incident is classified as a major undesirable incident.

A steam generator located at the McCracken A-911 location, which heats the oil in the storage tank battery (4 - 400 bbl. tanks), developed a leak in the tubes. While the steam generator was down, the water in the tubes froze and broke tubes within the tank. During warm weather, the steam generator drain valve was opened by the pumpers to drain the remaining water out of the tubes so that it could be repaired. Unaware that the tubes in the oil storage tank were broken, the steam generator was left to drain unattended. As the ice in the tubes located in the oil storage tank thawed out, the oil drained through the broken tubes into the steam generator and out the drain. Approximately 150 barrels of oil left the location running down an asphalt road and a dry wash.

Clean up procedures are under way and it is hopeful that approximately 50 bbls. of oil will be recovered. The remaining oil soaked soil will be remediated by landfarming. A report of the final analysis for TPH and BTEX of the contaminated soil will be sent to the Board of Oil, Gas and Mining for approval before closing.

The following Government Agencies have been notified:

Bureau of Land Management, San Juan Resource Area, Monticello, Utah (Jeff Brown)
State of Utah, Oil, Gas & Mining (Gil Hunt)
State of Utah, Dept. of Water Quality (Mark Schmitz)
U.S. Environmental Protection Agency (Martha)

If additional information is required, please contact Mike Tabet or me at 801-686-2236.

Sincerely,
Union Oil Company of California, dba Unocal



Dave Peters
Field Superintendent

Attachments: Written Report/Map in duplicate
cc: Jay Axtell

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
UTAH ~~Neenah~~ State Office

RECEIVED
13 1995

REPORT OF UNDESIRABLE EVENT

DATE OF OCCURRENCE/DISCOVERY: 02/05/95 TIME OF OCCURRENCE: 3:30 PM

DATE REPORTED TO BLM: 02/05/95 TIME REPORTED: 8:15 AM

BLM OFFICE REPORTED TO: (RESOURCE AREA/DISTRICT/OTHER): San Juan Resource

LOCATION: ($\frac{1}{4}$ $\frac{1}{4}$) NW/NW SECTION 11 T. 30S R. 24E MERIDIAN SLC

COUNTY: San Juan STATE: Utah WELL NAME Lisbon A-911

OPERATOR: COMPANY NAME Unocal PHONE NO. 801-686-2236

CONTACT PERSON'S NAME Mike Tabet 801-686-7604

SURFACE OWNER: Federal MINERAL OWNER: Federal
(FEDERAL/INDIAN/FEE/STATE)

LEASE NO.: SL-070008-A RIGHT-OF-WAY NO.: _____

UNIT NAME / COMMUNITIZATION AGREEMENT NO.: McCracken Unit

TYPE OF EVENT, CIRCLE APPROPRIATE ITEM(S):

BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL, SALTWATER SPILL,
OIL AND SALTWATER SPILL, TOXIC FLUID SPILL, HAZARDOUS MATERIAL SPILL,
UNCONTROLLED FLOW OF WELLBORE FLUIDS, OTHER (SPECIFY):

CAUSE OF EVENT: Steam generator tubes in Oil storage tank froze and broke, which caused oil to drain out when steam generator was drained for repair

HazMat Notified: (for spills) Unocal has its own Hazmat team

Law Enforcement Notified: (for thefts) NA

CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S): NA

Safety Officer Notified: Mike Tabet

EFFECTS OF EVENT: Oil Spill left location via asphalt road and drv Wash.

ACTION TAKEN TO CONTROL EVENT: Upon discovery, valves were blocked in and oil was contained. Area was isolated to public traffic.

LENGTH OF TIME TO CONTROL BLOWOUT OR FIRE: NA

VOLUMES DISCHARGED: OIL 150 bbls WATER _____ GAS _____

OTHER AGENCIES NOTIFIED: State of Utah, Dept. of Water Quality
State of Utah, Board of Oil, Gas and Mining
Environmental Protection Agency

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
UTAH ~~Neenah~~ State Office

REPORT OF UNDESIRABLE EVENT

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COUNTY: San Juan STATE: Utah WELL NAME Lisbon A-911
OPERATOR: COMPANY NAME Unocal PHONE NO. 801-686-2236
CONTACT PERSON'S NAME Mike Tabet 801-686-7604
SURFACE OWNER: Federal MINERAL OWNER: Federal
(FEDERAL/INDIAN/FEE/STATE)
LEASE NO.: SL-070008-A RIGHT-OF-WAY NO.: _____
UNIT NAME / COMMUNITIZATION AGREEMENT NO.: McCracken Unit
TYPE OF EVENT, CIRCLE APPROPRIATE ITEM(S):
BLOWOUT, FIRE, FATALITY, INJURY, PROPERTY DAMAGE, OIL SPILL, SALTWATER SPILL,
OIL AND SALTWATER SPILL, TOXIC FLUID SPILL, HAZARDOUS MATERIAL SPILL,
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CAUSE AND EXTENT OF PERSONAL INJURIES/CAUSE OF DEATH(S): NA
Safety Officer Notified: Mike Tabet
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ACTION TAKEN TO CONTROL EVENT: Upon discovery, valves were blocked in and
oil was contained. Area was isolated to public traffic.
LENGTH OF TIME TO CONTROL BLOWOUT OR FIRE: NA
VOLUMES DISCHARGED: OIL 150 bbls WATER _____ GAS _____
OTHER AGENCIES NOTIFIED: State of Utah, Dept. of Water Quality
State of Utah, Board of Oil, Gas and Mining
Environmental Protection Agency



RECEIVED
FEB 13 1995
DIV OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

SL-0708-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Union Oil Co. of California

3. Address and Telephone No.

P.O. Box 760 Moab, Utah 84532 (801)686-2236

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

976' FSL & 385' FWL NWSWSW Sec. 11 T30S R24E

8. Well Name and No.

A-911 McCracken

9. API Well No.

43-037-31014

10. Field and Pool, or Exploratory Area

McCracken

11. County or Parish, State

San Juan Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

 Subsequent Report

 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Well Test**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. 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.)*

Union Oil Company of California, dba, Unocal requests permission to use A-911 McCracken well bore to store gas while testing gas lift capabilities of the B-810^{4363731433 Sec 10, 30S 24E} McCracken well. It will also help increase bottom hole pressure in the A-911 McCracken well bore to enhance future oilproduction. We expect the test to last for 60 days.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 4-1-97

By: [Signature]

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

Signed [Signature]

Title Field Foreman

Date 3-5-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: Federal Approval of this Action is Necessary

Title _____ Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Orig. to BLM

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P. O. Box 671—Midland, TX 79702 (915) 685-7608

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

976' FSL & 385' FWL

Sec. 11, T-30S, R-24E

5. Lease Designation and Serial No.
SL-070008-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.

Lisbon Unit #A-911

9. API Well No.

43-037-31014

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

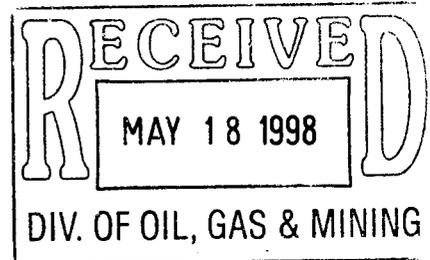
TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. 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 ATTACHED PROCEDURE.



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

Signed Duke Phillips
Accepted by the State

Title Drilling/Workover Foreman

Date 05/13/98

Approved by _____
Conditions of approval _____
Oil, Gas and Mining

Title _____
*Federal Approval of this
Action is Necessary*

Date _____

Date: 5-26-98

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



New Name. Same Spirit.
A Business Unit of Unocal

| | |
|-----------------|-------|
| Drilling Eng. | _____ |
| Reservoir Eng. | _____ |
| Production Eng. | _____ |
| Field Supt. | _____ |
| Drilling Supt. | _____ |

UNION OIL COMPANY OF CALIFORNIA
MIDLAND, TEXAS
CONDITION OF HOLE & PROCEDURE

DATE: 4/11/98

FIELD: Mississippian AREA: Rocky Mountians
 LEASE/UNIT: Lisbon WELL NO.: A-911
 REASON FOR WORK: To plugback the Mc Cracken and complete in the Mississippian.

CONDITION OF HOLE:

TOTAL DEPTH: 8671' ETD: 8671' KB DATUM IS 14' ABOVE G.L.

CASING RECORD:

9-5/8" CASING DETAIL

| | |
|-----------------|-------------------------------|
| 1.00' | Guide Shoe |
| 985.00' | 40# 8rd ST&C new smls casing. |
| 986.00' | Total Casing |
| 14.00' | BKDB |
| 1000.00' | FHD |

Cement w/600sx. Cement Circulated.

5-1/2" CASING DETAIL

| | | |
|-----------------|----------------|------------------------------------|
| 2.04' | 1. | Howco 5-1/2" Shoe |
| 41.07' | 1jt. | 17# L-80 LT&C New SMLS Csg |
| 1.59' | 1. | Howco Float Collar |
| 245.99' | 6 jts. | 17# L-80 LT&C 8rd SMLS new casing. |
| 976.09' | 25 jts. | 17# L-80 LT&C 8rd SMLS used casing |
| 84.91' | 2 jts. | 17# CYS 95 LT&C 8rd new SMLS csg. |
| 3.15' | 1. | Howco DV Tool. |
| 3463.33' | 82 jts. | 17# CYS 95 LT&C 8rd new SMLS csg |
| 3811.90' | 91 jts. | 17# K-55 LT&C 8rd New SMLS casing. |
| 27.26' | 1 pce. | Ditto |
| 8657.33' | 207 jts | Total Casing |
| | + 1pc | |
| 14.00' | | BKDB |
| 8671.33' | | FHD |

Cement 1 stage 300 sxs class "H" w/12% salt .6% halad 9, .3% HR-7, 2nd stage 660 sxs, Howco lite cmt w/.6% Halad 9, 12% salt, FB 100 sx class "H" cmt w/12 % salt .6% Halad 9, .2% HR-7.

NOTES ON PREVIOUS WORK

11/97 Well was converted to Gas Lift.

TUBING DETAIL:

| | | | |
|--------|--------------------------|--------|-----------|
| | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' |
| Pup | 2-7/8" 6.5# j-55 8rd eue | 1 | 10.10' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' |
| GLM #4 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.10' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 31jts | 978.31' |
| GLM #3 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.03' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 29jts | 916.16' |
| GLM #2 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.05' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 25jts | 789.12' |
| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
| TOTAL | | | 7,956.04' |
| | KB | | 12.00' |
| | FHD | | 7,968.04' |

PERFORATIONS:

McCracken 8,238' To 8,245'
8,200' To 8,224'
8,055' To 8,115'

REGULATORY REQUIREMENTS

Sundry Notice, and 48hr notification prior to rig-up.

PROCEDURE FOR THE LISBON UNIT A-911

1. Contact first alert. Notify BLM. Inspect anchors. Dig and line flowback pit. Rig up H2S safety equipment.
2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. Send tree to be tested at ERC. Replace bad parts with most cost effective alternative.
4. Release Baker Mdl AL-2 packer. POH w/ 2-7/8" production tubing. LD gas lift equipment.
5. RU WL. Run 5-1/2" CIBP and set at 7950'. PU and RIH w/OE"D WS. RU and spot 15% HCLw/additives from 7741-7400'.
6. RU perforators. Perf Mississippian correlated to Schlumberger Dual Later Log dated 8/21/1984 w/4jspf @ 90 deg phasing @ 7558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'.
7. PU and RIH w/re-dressed 5-1/2" packer on production tubing. Reverse acid into tubing and breakdown perfs. Acidive perfs w/6,000 gals 15% SWIC acid. Swab to kick off well.
8. Flowback well to pit to clean up. ND BOP. NU Tree. Hook up well to production system.
9. RD PU. Clean and level location. Turn over to production.

ASSET GROUP: PB/RM
 FIELD: Lisbon McCracken
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

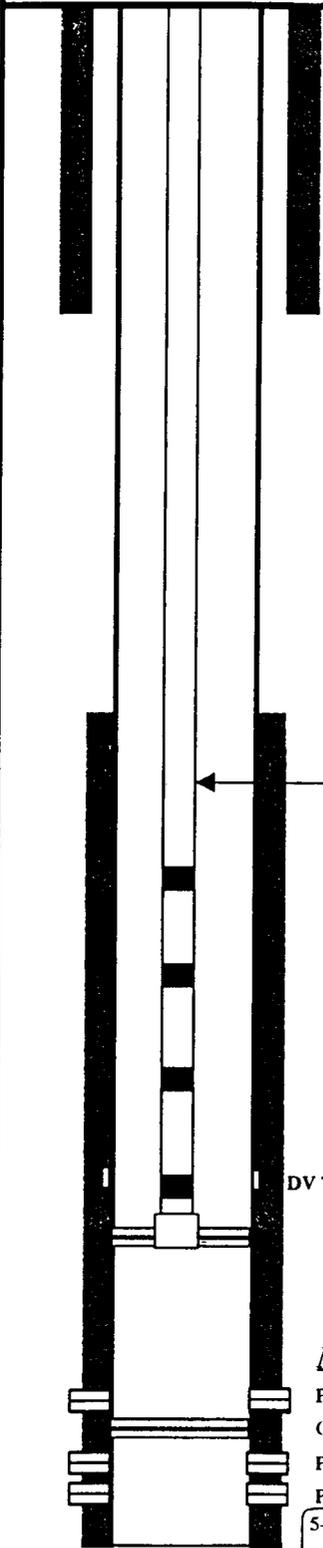


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBD = 8,671'

CURRENT



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sx. Cmt'd Circ.

| | | | | |
|--------------|--------------------------|--------|------------------|---------|
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' | |
| Pup | 2-7/8" 6.5# J-55 8rd eue | 1 | 10.10' | |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' | |
| GLM #4 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.10' | 5199.0' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 31jts | 978.31' | |
| GLM #3 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.03' | 6181.3' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 29jts | 916.16' | |
| GLM #2 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.05' | 7101.5' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 25jts | 789.12' | |
| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' | 7897.8' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' | |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' | |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' | |
| TOTAL | | | 7,956.04' | |
| KB | | | 12.00' | |
| FHD | | | 7,968.04' | |

DV Tool @ 7,317'

McCracken Perforations

- Perfs 8,055-8,115'
- CIBP 8,150'
- Perfs 8,200-24'
- Perfs 8,238-45'

5-1/2" @ 8,671'. 17# L-80, CYS K-55 LT&C csg. Cmt'd 2 stages 300sx, FB 760sx thru DV @ 7,317'.

8671'

ASSET GROUP: PB/RM
 FIELD: Lisbon Mississippian
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

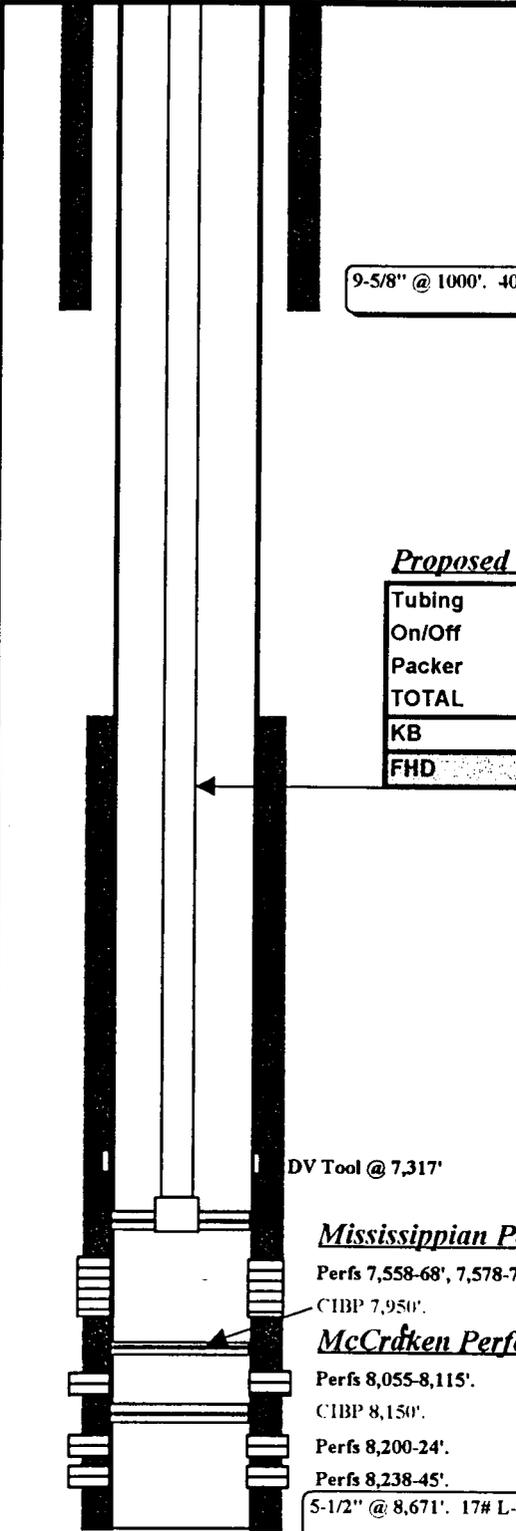


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBTD = 8,671'

After



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sx. Cmt'd Circ.

Proposed Tubing Detail

| | | | |
|--------------|--------------------------|---|------------------|
| Tubing | 2-7/8" L-80 6.5# 8rd eue | | 7,350.00' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
| TOTAL | | | 7,357.23' |
| KB | | | 12.00' |
| FHD | | | 7,369.23' |

DV Tool @ 7,317'

Mississippian Perforations

Perfs 7,558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'. 4jspf @ 90deg phaz.

CIBP 7,950'.

McCracken Perforations

Perfs 8,055-8,115'.

CIBP 8,150'.

Perfs 8,200-24'.

Perfs 8,238-45'.

5-1/2" @ 8,671'. 17# L-80, CYS K-55 LT&C csg. Cmt'd 2 stages 300sx, FB 760sx thru DV @ 7,317'.

8671'

United States Department of the Interior

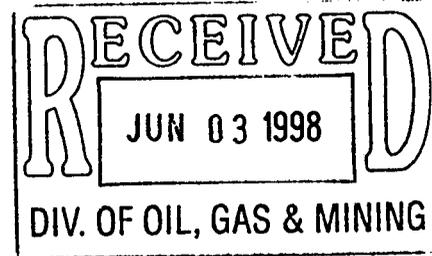
BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

COPY

June 1, 1998



Memorandum

To: Assistant District Manager Minerals, Moab District
From: Michael Coulthard, Petroleum Engineer
Subject: 1998 Plan of Development Lisbon McCracken
Unit San Juan County, Utah.

Pursuant to telephone conversation between Eric Jones, Moab District Office, and Mickey Coulthard, Utah State Office, the following wells are planned for re-completion to the Mississippian Formation in calendar year 1998.

After re-completion these wells will no longer be subject to the Lisbon McCracken Unit (UTU66515A) and will be subject to the Mississippian Participating Area of the Lisbon Unit (8910079750).

A-911 SWSW Section 11, T. 30 South, R. 24 East 43-037-31014
C-910 SWSE Section 10, T. 30 South, R. 24 East 43-037-31323

This office has no objection to permitting the action for these wells at this time.

bcc: File - Lisbon McCracken Unit
~~Division of Oil, Gas and Mining~~
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:06/01/98

06/03/98

D E T A I L W E L L D A T A

menu: opt 00

api num: 4303731014 prod zone: MCRKN sec twnshp range qr-qr
entity: 9740 : LISBON U/MCCRACKEN 11 30.0 S 24.0 E SWSW

well name: LISBON UNIT A-911

operator: N1030 : UNION OIL CO OF CALIFORNIA meridian: S

field: 385 : LISBON

confidential flag: confidential expires: alt addr flag:

* * * application to drill, deepen, or plug back * * *

lease number: SL070008-A lease type: 1 well type: OW

surface loc: 0976 FSL 0385 FWL unit name: LISBON

prod zone loc: 0976 FSL 0385 FWL depth: 8800 proposed zone:

elevation: 6291' GR apd date: 840515 auth code: A-3

* * completion information * * date recd: la/pa date:

spud date: 840714 compl date: 841010 total depth: 8675'

producing intervals: 8055-8115'

bottom hole: 0976 FSL 0385 FWL first prod: 841010 well status: POW

24hr oil: 192 24hr gas: 201 24hr water: gas/oil ratio: 1047

* * well comments: direction1: api gravity:

841210 ENTITY ADDED:

opt: 21 api: 4303731014 zone: date (yymm): enty 12067 acct: N8690

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

SL-0708-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lisbon Unit A-911

9. API Well No.

43-037-31014

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Union Oil Co. of California

3. Address and Telephone No.

P.O. Box 760, Moab, UT 84532

435-686-2236

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

976' FSL & 385' FWL NWSWSW Sec 11 T 30S R 24E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other **Return to production**

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

13. 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.)

This Sundry notice is being written to inform that a-911 was brought on production 8-19-98 as a Lisbon Unit Mississippian formation gas well. Converted from a McCracken formation oil well.



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

Signed [Signature] Title **Field Foreman**

Date **8-21-98**

(This space for Federal or State office use)
ACCEPTED

Branch of Fluid Minerals
Moab District

Date **SEP - 8 1998**

Approved by _____
Conditions of approval, if any:

CONDITIONS OF ACCEPTANCE, ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Unocal Corporation

Facsimile Cover Page



PO Box 760, Lisbon Valley
Moab, Utah 84532-0760 USA

Oil & Gas Operations
FAX NUMBER: 801/686-2341

Date: 12-7-98 Total pages, including cover 2

Please deliver the following pages to:

Name: Kristen

Firm: State of Utah Div. Oil Gas + Mining

City/State: S.L.C. UT

Fax Number: 801-359-3940

From: Unocal - Rick Costanza

Comments: Any Problems just call - Thanks!

If you do not receive all of the pages, please call back as soon as possible.

Faxed by: R Costanza Direct phone number: 435 686 7612

- Original will follow via US Postal Service.
- Original will follow via overnight delivery.
- Original will not follow.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE (COLLECT), AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE US POSTAL SERVICE. THANK YOU.

Unocal Corporation

Facsimile Cover Page



PO Box 760, Lisbon Valley
Moab Utah 84532-0760 USA
Oil & Gas Operations
FAX NUMBER: 801/686-2341

Date: 12-7-98

Total pages, including cover 8

Please deliver the following pages to:

Name: Carol Daniels

Firm: State of Utah Div. Oil Gas + Mining

City/State: S.L.C. UT

Fax Number: 801-359-3940

From: Unocal- Rick Costanza

Comments: Any Problems just call - THANKS!

If you do not receive all of the pages, please call back as soon as possible.

Faxed by: R Costanza Direct phone number: 435 686 7612

- Original will follow via US Postal Service.
- Original will follow via overnight delivery.
- Original will not follow.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE (COLLECT), AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE US POSTAL SERVICE. THANK YOU.

Rick Costo za
42: [Signature]
CB
orig: Well File

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

| | |
|---|-----------------------|
| 5. Lease Designation and Serial No. | SL-070008-A |
| 6. If Indian, Alibitee or Tribe Name | |
| 7. If Unit or CA, Agreement Designation | Lisbon |
| 8. Well Name and No. | Lisbon Unit #A-911 |
| 9. API Well No. | 43-037-31014 |
| 10. Field and Pool, or Exploratory Area | Lisbon |
| 11. County or Parish, State | San Juan County, Utah |

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Union Oil Company of California

3. Address and Telephone No.
 P. O. Box 671—Midland, TX 79702 (915) 685-7608

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 976' FSL & 385' FWL

 Sec. 11, T-30S, R-24E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input checked="" type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

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

13. 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 ATTACHED PROCEDURE.

Vertical text stamp: RECEIVED... 05/13/98... 2:25 PM... 117

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

Signed *Mike Phillips by CB* Title Drilling/Workover Foreman Date 05/13/98
Assistant Field Manager

(This space for Federal or State office use)

Approved by *William C. [Signature]* Title Resource Management Date 6/8/98
 Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Union Oil Company of California
Well No. Lisbon Unit A-911
SWSW Sec. 11, T. 30 S., R. 24 E.
San Juan County, Utah
UTU630370 Lisbon Unit (Lease UTSL070008A)

CONDITIONS OF APPROVAL

1. Notify Jeff Brown of the Bureau of Land Management, Monticello Office at 435-587-1524 at least 24 hours prior to commencing recompletion work.
2. Within 30-days of recompleting this well, submit a subsequent report (sundry notice) that describes the work that was done and the current conditions of the well.
3. If the recompletion is successful, the well will become part of the Lisbon Unit instead of the McCracken Unit which it is currently in. Future reporting shall reflect this change.



| | |
|-----------------|--|
| Drilling Eng. | |
| Reservoir Eng. | |
| Production Eng. | |
| Field Supt. | |
| Drilling Supt. | |

**UNION OIL COMPANY OF CALIFORNIA
MIDLAND, TEXAS
CONDITION OF HOLE & PROCEDURE**

DATE: 4/11/98

FIELD: Mississippian AREA: Rocky Mountains
 LEASE/UNIT: Lisbon WELL NO.: A-911
 REASON FOR WORK: To plugback the Mc Cracken and complete in the Mississippian.

CONDITION OF HOLE:

TOTAL DEPTH: 8671' ETD: 8671' KB DATUM IS 14' ABOVE G.L.

CASING RECORD:

9-5/8" CASING DETAIL

| | |
|----------|-------------------------------|
| 1.00' | Guide Shoe |
| 985.00' | 40# 8rd ST&C new smls casing. |
| <hr/> | |
| 986.00' | Total Casing |
| 14.00' | BKDB |
| 1000.00' | FHD |

Cement w/600sx. Cement Circulated.

5-1/2" CASING DETAIL

| | | |
|----------|---------|------------------------------------|
| 2.04' | 1. | Howco 5-1/2" Shoe |
| 41.07' | 1jt. | 17# L-80 LT&C New SMLS Csg |
| 1.59' | 1. | Howco Float Collar |
| 245.99' | 6 jts. | 17# L-80 LT&C 8rd SMLS new casing. |
| 976.09' | 25 jts. | 17# L-80 LT&C 8rd SMLS used casing |
| 84.91' | 2 jts. | 17# CYS 95 LT&C 8rd new SMLS csg. |
| 3.15' | 1. | Howco DV Tool. |
| 3463.33' | 82 jts. | 17# CYS 95 LT&C 8rd new SMLS csg |
| 3811.90' | 91 jts. | 17# K-55 LT&C 8rd New SMLS casing. |
| 27.26' | 1 pce. | Ditto |
| 8657.33' | 207 jts | Total Casing |
| | + 1pc | |
| 14.00' | | BKDB |
| 8671.33' | | FHD |

Cement 1 stage 300 sxs class "H" w/12% salt .6% halad 9, .3% HR-7, 2nd stage 660 sxs, Howco lite cmt w/.6% Halad 9, 12% salt, FB 100 sx class "H" cmt w/12 % salt .6% Halad 9, .2% HR-7.

Lisbon A-911

Page 2

NOTES ON PREVIOUS WORK

11/97

Well was converted to Gas Lift.

TUBING DETAIL:

| | | | |
|--------------|--------------------------|--------|------------------|
| | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' |
| Pup | 2-7/8" 6.5# j-55 8rd eue | 1 | 10.10' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' |
| GLM #4 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.10' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 31jts | 978.31' |
| GLM #3 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.03' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 29jts | 916.16' |
| GLM #2 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.05' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 25jts | 789.12' |
| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
| TOTAL | | | 7,956.04' |
| KB | | | 12.00' |
| FRB | | | 7,968.04' |

PERFORATIONS:

McCracken
 8,238' To 8,245'
 8,200' To 8,224'
 8,055' To 8,115'

REGULATORY REQUIREMENTS

Sundry Notice, and 48hr notification prior to rig-up.

Lisbon Unit A911Page 3PROCEDURE FOR THE LISBON UNIT A-911

1. Contact first alert. Notify BLM. Inspect anchors. Dig and line flowback pit. Rig up H2S safety equipment.
2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. Send tree to be tested at ERC. Replace bad parts with most cost effective alternative.
4. Release Baker Mdl AL-2 packer. POH w/ 2-7/8" production tubing. LD gas lift equipment.
5. RU WL. Run 5-1/2" CIBP and set at 7950'. PU and RIH w/OE"D WS. RU and spot 15% HCLw/additives from 7741-7400'.
6. RU perforators. Perf Mississippian correlated to Schlumberger Dual Later Log dated 8/21/1984 w/4jspf @ 90 deg phasing @ 7558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'.
7. PU and RIH w/re-dressed 5-1/2" packer on production tubing. Reverse acid into tubing and breakdown perfs. Acidive perfs w/6,000 gals 15% SWIC acid. Swab to kick off well.
8. Flowback well to pit to clean up. ND BOP. NU Tree. Hook up well to production system.
9. RD PU. Clean and level location. Turn over to production.

ASSET GROUP: PBRM
 FIELD: Lisbon McCracken
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

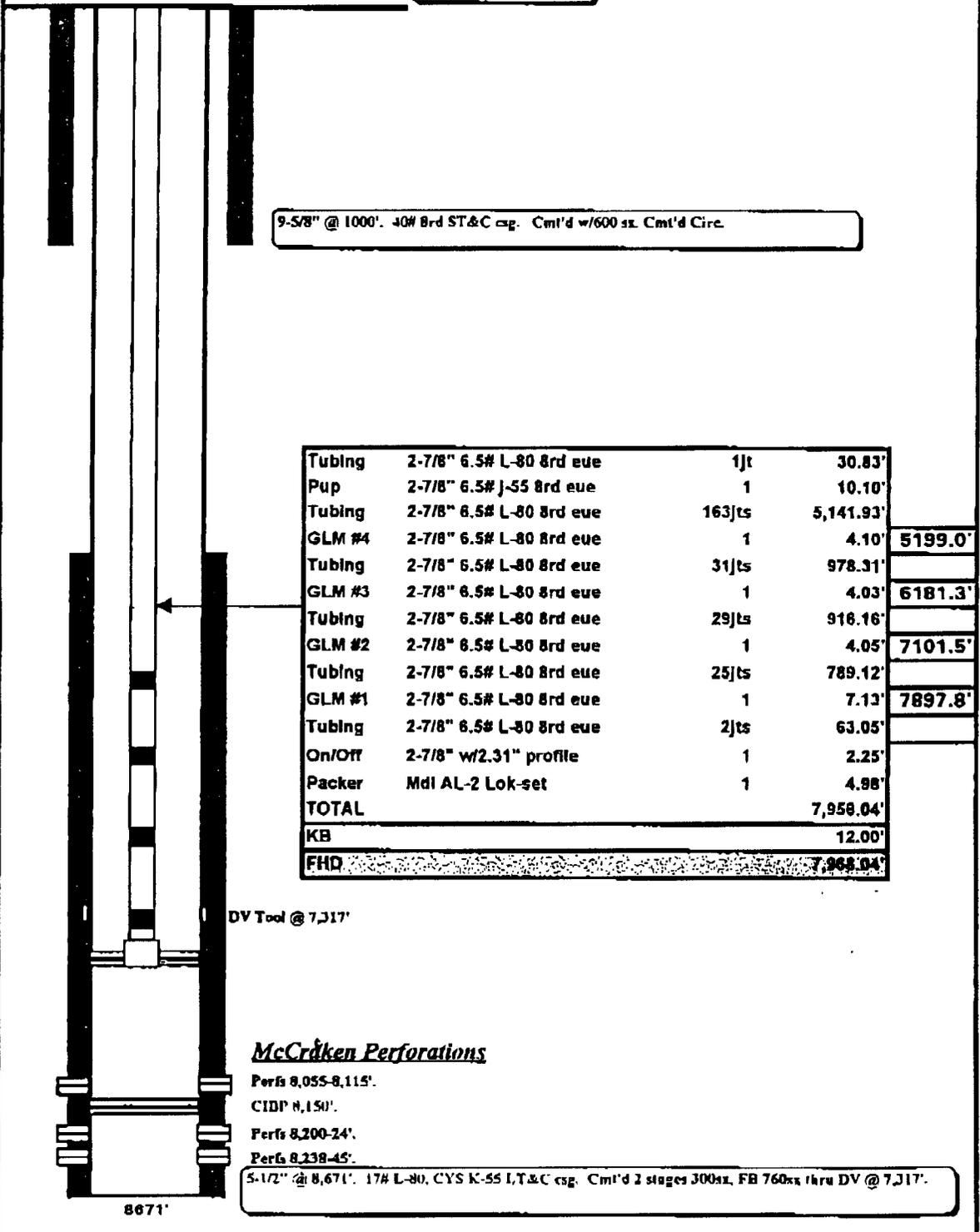


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBD = 8,671'

CURRENT



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sz. Cmt'd Circ.

| | | | | |
|--------------|--------------------------|--------|------------------|---------|
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' | |
| Pup | 2-7/8" 6.5# J-55 8rd eue | 1 | 10.10' | |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' | |
| GLM #4 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.10' | 5199.0' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 31jts | 978.31' | |
| GLM #3 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.03' | 6181.3' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 29jts | 916.16' | |
| GLM #2 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.05' | 7101.5' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 25jts | 789.12' | |
| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' | 7897.8' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' | |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' | |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' | |
| TOTAL | | | 7,958.04' | |
| KB | | | 12.00' | |
| FHD | | | 7,968.04' | |

DV Tool @ 7,317'

McCracken Perforations

- Perfs 8,055-8,115'
- CIDP 8,150'
- Perfs 8,200-24'
- Perfs 8,238-45'

5-1/2" @ 8,671'. 17# L-80, CYS K-55 LT&C csg. Cmt'd 2 stages 300sz, FB 760sz thru DV @ 7,317'.

8671'

ASSET GROUP: PB/RM
 FIELD: Lisbon Mississippian
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

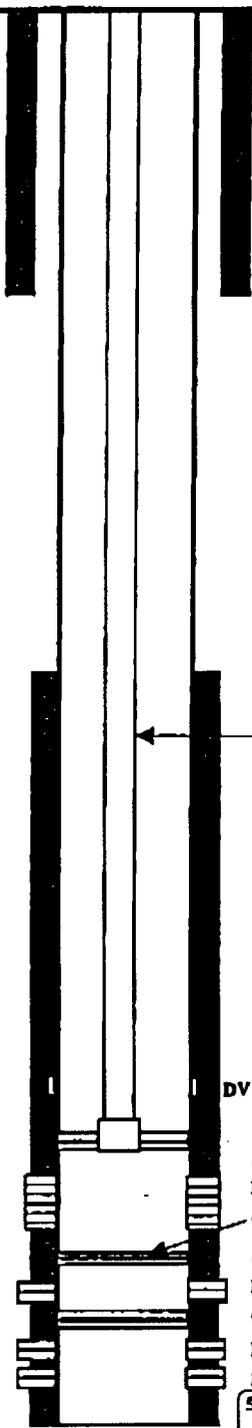


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBTD = 8,671'

After



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sx. Cmt'd Circ.

Proposed Tubing Detail

| | | | |
|--------------|--------------------------|---|------------------|
| Tubing | 2-7/8" L-80 6.5# 8rd eue | | 7,350.00' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
| TOTAL | | | 7,357.23' |
| KB | | | 12.00' |
| FHD | | | 7,369.23' |

DV Tool @ 7,317'

Mississippian Perforations

Perfs 7,558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'. 4jspl @ 90deg phaz.

CIBP 7,950'

McCraken Perforations

Perfs 8,055-8,115'

CIBP 8,150'

Perfs 8,200-24'

Perfs 8,238-45'

5-1/2" @ 8,671'. 17# L-80. CYS K-55 LT&C csg. Cmt'd 2 stages 300sx. FB 760sx thru DV @ 7,317'.

8671'

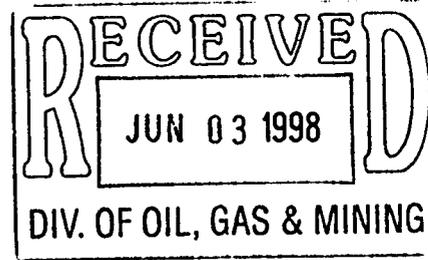
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 1, 1998



Memorandum

To: Assistant District Manager Minerals, Moab District
From: Michael Coulthard, Petroleum Engineer
Subject: 1998 Plan of Development Lisbon McCracken
Unit San Juan County, Utah.

Pursuant to telephone conversation between Eric Jones, Moab District Office, and Mickey Coulthard, Utah State Office, the following wells are planned for re-completion to the Mississippian Formation in calendar year 1998.

After re-completion these wells will no longer be subject to the Lisbon McCracken Unit (UTU66515A) and will be subject to the Mississippian Participating Area of the Lisbon Unit (8910079750).

A-911 SWSW Section 11, T. 30 South, R. 24 East 43-037-31014
C-910 SWSE Section 10, T. 30 South, R. 24 East 43-037-31323

This office has no objection to permitting the action for these wells at this time.

bcc: File - Lisbon McCracken Unit
~~Division of Oil, Gas and Mining~~
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:06/01/98

OPERATOR UNION OIL CO OF CALIFORNIA

OPERATOR ACCT. NO. H1030

ADDRESS _____

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|--------------|-----------------------------|---------------|----|-----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| C | 9740 | 8123 | 43-037-31014 | LISBON A-911 (RECOMPLETION) | SWSW | 11 | 30S | 24E | SAN JUAN | 07-14-84 | 12-07-98 |
| WELL 1 COMMENTS: 981208 RECOMPLETION FROM MCCRACKEN PZ TO MISSISSIPPIAN PER RICK COSTANZA OF UNION OIL CO OF CALIFORNIA. ENTITY ADDED 12-08-98 (LISBON UNIT/ MSSP). SEE ATTACHED SUNDRY NOTICE. KDR | | | | | | | | | | | |
| WELL 2 COMMENTS: | | | | | | | | | | | |
| WELL 3 COMMENTS: | | | | | | | | | | | |
| WELL 4 COMMENTS: | | | | | | | | | | | |
| WELL 5 COMMENTS: | | | | | | | | | | | |

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

KRISTEN D. RISBECK (DOGM)
Signature

Title _____ Date 12-08-98

Phone No. () _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Rick Castanza
40: [Signature]
CB
orig: Well File

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Union Oil Company of California

3. Address and Telephone No.
 P. O. Box 671—Midland, TX 79702 (915) 685-7608

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 976' FSL & 385' FWL

 Sec. 11, T-30S, R-24E

5. Lease Designation and Serial No.
 SL-070008-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
 Lisbon

8. Well Name and No.
 Lisbon Unit #A-911

9. API Well No.
 43-037-31014

10. Field and Pool, or Exploratory Area
 Lisbon

11. County or Parish, State
 San Juan County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input checked="" type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

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

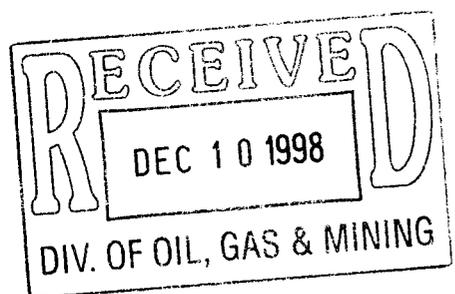
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SEE ATTACHED PROCEDURE.

Accepted by the
Utah Division of
Oil, Gas & Mining
FOR RECORD ONLY

Federal Approval of this
Action is Necessary

COPY SENT TO OPERATOR
Date: 12/17/98
Initials: [Signature]



RECEIVED
DEC 26 AM 11:47
[Vertical Stamp]

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

Signed Nike Phillips by CB Title Drilling/Workover Foreman, Assistant Field Manager, Date 05/13/98
 (This space for Federal or State office use)
Resource Management

Approved by William C. [Signature] Title _____ Date 6/8/98
 Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Union Oil Company of California
Well No. Lisbon Unit A-911
SWSW Sec. 11, T. 30 S., R. 24 E.
San Juan County, Utah
UTU630370 Lisbon Unit (Lease UTSL070008A)

CONDITIONS OF APPROVAL

1. Notify Jeff Brown of the Bureau of Land Management, Monticello Office at 435-587-1524 at least 24 hours prior to commencing recompletion work.
2. Within 30-days of recompleting this well, submit a subsequent report (sundry notice) that describes the work that was done and the current conditions of the well.
3. If the recompletion is successful, the well will become part of the Lisbon Unit instead of the McCracken Unit which it is currently in. Future reporting shall reflect this change.



| | |
|-----------------|-------|
| Drilling Eng. | _____ |
| Reservoir Eng. | _____ |
| Production Eng. | _____ |
| Field Supt. | _____ |
| Drilling Supt. | _____ |

UNION OIL COMPANY OF CALIFORNIA
MIDLAND, TEXAS
CONDITION OF HOLE & PROCEDURE

DATE: 4/11/98

FIELD: Mississippian AREA: Rocky Mountians
 LEASE/UNIT: Lisbon WELL NO.: A-911
 REASON FOR WORK: To plugback the Mc Cracken and complete in the Mississippian.

CONDITION OF HOLE:

TOTAL DEPTH: 8671' ETD: 8671' KB DATUM IS 14' ABOVE G.L.

CASING RECORD:

9-5/8" CASING DETAIL

| | |
|-----------------|-------------------------------|
| 1.00' | Guide Shoe |
| 985.00' | 40# 8rd ST&C new smls casing. |
| 986.00' | Total Casing |
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5-1/2" CASING DETAIL

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| 8671.33' | | FHD |

Cement 1 stage 300 sxs class "H" w/12% salt .6% halad 9, .3% HR-7, 2nd stage 660 sxs, Howco lite cmt w/.6% Halad 9, 12% salt, FB 100 sx class "H" cmt w/12 % salt .6% Halad 9, .2% HR-7.

NOTES ON PREVIOUS WORK

11/97

Well was converted to Gas Lift.

TUBING DETAIL:

| | | | |
|--------|--------------------------|--------|-----------|
| | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' |
| Pup | 2-7/8" 6.5# j-55 8rd eue | 1 | 10.10' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' |
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| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
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 8,200' To 8,224'
 8,055' To 8,115'

REGULATORY REQUIREMENTS

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PROCEDURE FOR THE LISBON UNIT A-911

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2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. Send tree to be tested at ERC. Replace bad parts with most cost effective alternative.
4. Release Baker Mdl AL-2 packer. POH w/ 2-7/8" production tubing. LD gas lift equipment.
5. RU WL. Run 5-1/2" CIBP and set at 7950'. PU and RIH w/OE"D WS. RU and spot 15% HCLw/additives from 7741-7400'.
6. RU perforators. Perf Mississippian correlated to Schlumberger Dual Later Log dated 8/21/1984 w/4jspf @ 90 deg phasing @ 7558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'.
7. PU and RIH w/re-dressed 5-1/2" packer on production tubing. Reverse acid into tubing and breakdown perfs. Acidive perfs w/6,000 gals 15% SWIC acid. Swab to kick off well.
8. Flowback well to pit to clean up. ND BOP. NU Tree. Hook up well to production system.
9. RD PU. Clean and level location. Turn over to production.

ASSET GROUP: PB/RM
 FIELD: Lisbon McCracken
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

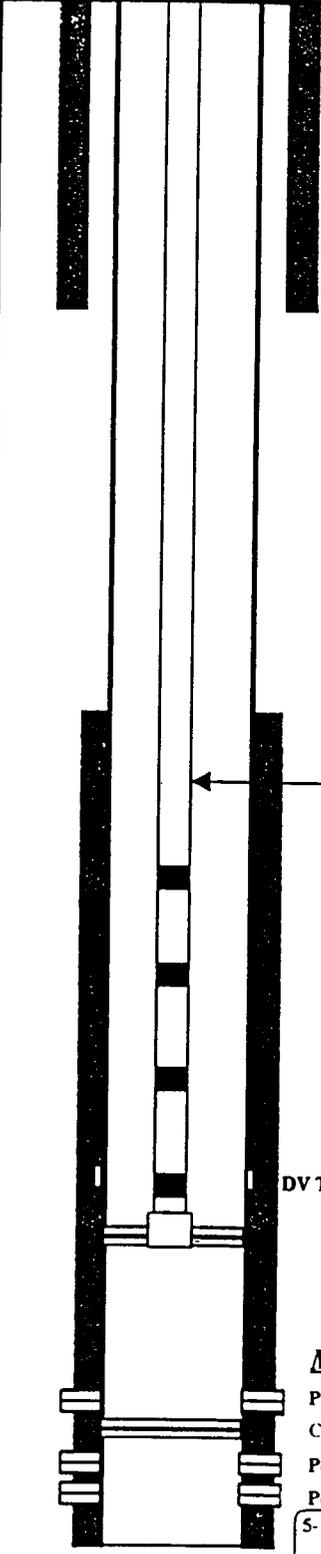


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBTD = 8,671'

CURRENT



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sx. Cmt'd Circ.

| | | | | |
|--------------|--------------------------|--------|------------------|---------|
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 1jt | 30.83' | |
| Pup | 2-7/8" 6.5# J-55 8rd eue | 1 | 10.10' | |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 163jts | 5,141.93' | |
| GLM #4 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.10' | 5199.0' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 31jts | 978.31' | |
| GLM #3 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.03' | 6181.3' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 29jts | 916.16' | |
| GLM #2 | 2-7/8" 6.5# L-80 8rd eue | 1 | 4.05' | 7101.5' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 25jts | 789.12' | |
| GLM #1 | 2-7/8" 6.5# L-80 8rd eue | 1 | 7.13' | 7897.8' |
| Tubing | 2-7/8" 6.5# L-80 8rd eue | 2jts | 63.05' | |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' | |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' | |
| TOTAL | | | 7,956.04' | |
| KB | | | 12.00' | |
| FHD | | | 7,968.04' | |

DV Tool @ 7,317'

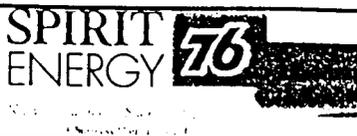
McCracken Perforations

- Perfs 8,055-8,115'.
- CIBP 8,150'.
- Perfs 8,200-24'.
- Perfs 8,238-45'.

5-1/2" @ 8,671'. 17# L-80, CYS K-55 LT&C csg. Cmt'd 2 stuges 300sx, FB 760sx thru DV @ 7,317'.

8671'

ASSET GROUP: PB/RM
 FIELD: Lisbon Mississippian
 LEASE/UNIT: Lisbon
 COUNTY: San Juan

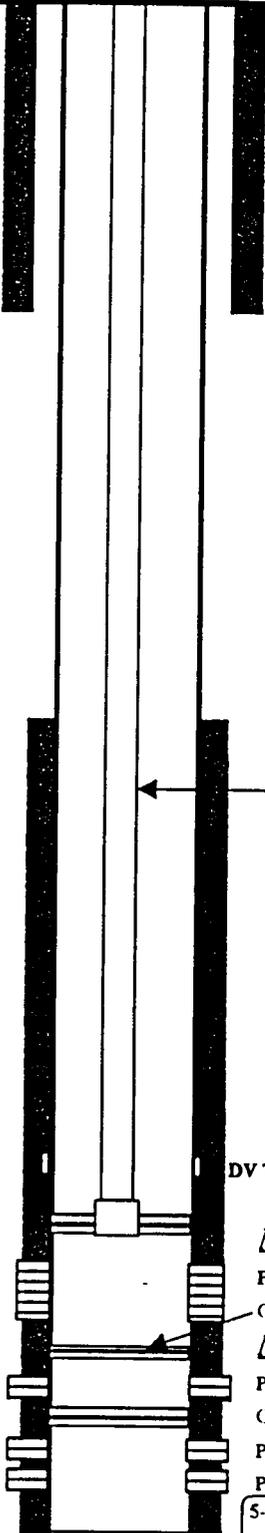


DATE: Apr. 08, 1998
 BY: M.C. Phillips
 WELL: A-911
 STATE: Utah

SPUD DATE: 7/15/87
 COMP. DATE: 8/24/84
 STATUS: Producing

KB = 6,305'
 Elevation = 6,291'
 TD = 8,671'
 PBTD = 8,671'

After



9-5/8" @ 1000'. 40# 8rd ST&C csg. Cmt'd w/600 sx. Cmt'd Circ.

Proposed Tubing Detail

| | | | |
|--------|--------------------------|---|-----------|
| Tubing | 2-7/8" L-80 6.5# 8rd eue | | 7,350.00' |
| On/Off | 2-7/8" w/2.31" profile | 1 | 2.25' |
| Packer | Mdl AL-2 Lok-set | 1 | 4.98' |
| TOTAL | | | 7,357.23' |
| KB | | | 12.00' |
| FHD | | | 7,369.23' |

DV Tool @ 7,317'

Mississippian Perforations

Perfs 7,558-68', 7,578-7,600', 7,612-30', 7,705-22', 7,730-40'. 4jspf @ 90deg phaz.
 CIBP 7,950'

McCrdken Perforations

Perfs 8,055-8,115'.
 CIBP 8,150'.
 Perfs 8,200-24'.
 Perfs 8,238-45'.

5-1/2" @ 8,671'. 17# L-80, CYS K-55 LT&C csg. Cmt'd 2 stages 300sx, FB 760sx thru DV @ 7,317'.

8671'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SL-0708-A

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 reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lisbon Unit A-911

9. API Well No.

43-037-31014

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan Co. Utah

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Union Oil Co. of California

3. Address and Telephone No.

P.O. Box 760, Moab, UT 84532

435-686-2236

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

976' FSL & 385' FWL NWSWSW Sec 11 T 30S R 24E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Return to production**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

13. 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.)*

This Sundry notice is being written to inform that a-911 was brought on production 8-19-98 as a Lisbon Unit Mississippian formation gas well. Converted from a McCracken formation oil well.

RECEIVED
DEC 10 1998
DIV. OF OIL, GAS & MINING

AUG 1998
Received
B.L.M.
Moab District

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

Signed

[Signature]

Title

Field Foreman

Date

8-21-98

(This space for Federal or State office use)

ACCEPTED

Branch of Fluid Minerals
Moab District

SEP - 8 1998

Approved by

Title

Date

Conditions of approval, if any:

CONDITIONS OF ACCEPTANCE, ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



TOM BROWN, INC.

555 17TH STREET, SUITE 1850

DENVER, CO 80202-3918

PHONE: 303-260-5000

FAX: 303-260-5002

ACCOUNTING DEPARTMENT

FACSIMILE TRANSMITTAL SHEET

| | |
|-------------------------------------|--|
| TO: <u>DUSTIN DOUCET</u> | FROM: <u>STEVE PRITZA</u> |
| COMPANY: <u>STATE OF UTAH</u> | DATE: <u>4/23/03</u> |
| <u>DIVISION OF OIL, GAS, MINING</u> | |
| FAX NUMBER: <u>801 359 3940</u> | TOTAL NO. OF PAGES INCLUDING COVER: <u>4</u> |
| PHONE NUMBER: <u>801 538 5281</u> | PHONE NUMBER: <u>303/260-5052</u> |

COMMENTS:

Copy of Sundry notice
 well: LISBON FEDERAL A-911
 API: 043-037-31014

RECEIVED
 APR 23 2003
 MINING

FOR QUESTIONS OR RESPONSES REGARDING THIS
 TELEFAX, PLEASE CONTACT SENDER AT ABOVE PHONE

Form 3160-5
(August, 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

| | |
|--|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Serial No. SL-070008-A |
| 2. Name of Operator: Tom Brown, Inc. | 6. If Indian, Allote or Tribe Name NA |
| 3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202 | 7. If Unit or CA/Agreement Designation |
| 4. Location of Well (Footage, T, R, M, or Survey Description) 976' FSL & 385' FWL SWSW Sec. 11-T30S-R24E | 8. Well Name and No. Lisbon Federal A-911 |
| | 9. API Well No. 043-037-31014 |
| | 10. Field and Pool, or Exploratory Area Lisbon |
| | 11. County or Parish, State San Juan, Utah |

| 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|--|---|---------------------------------------|--------------------------------------|--------------------------------------|---|--|---|-------------------------------------|---|---------------------------------------|---|--|----------------------|---|------------------------------------|---|--|
| TYPE OF SUBMISSION | TYPE OF ACTION | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice | <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Acidize</td> <td><input type="checkbox"/> Deepen</td> <td><input type="checkbox"/> Production (start/resume)</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Alter Casing</td> <td><input type="checkbox"/> Reclamation</td> <td><input type="checkbox"/> Reclamation</td> <td><input type="checkbox"/> Well Integrity</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> New Construction</td> <td><input type="checkbox"/> Recomplete</td> <td><input checked="" type="checkbox"/> Other</td> </tr> <tr> <td><input type="checkbox"/> Change Plans</td> <td><input type="checkbox"/> Plug and Abandon</td> <td><input type="checkbox"/> Temporarily Abandon</td> <td style="text-align: center;"><u>Pulled tubing</u></td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Plug Back</td> <td><input type="checkbox"/> Water Disposal</td> <td></td> </tr> </table> | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (start/resume) | <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Pulled tubing</u> | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (start/resume) | <input type="checkbox"/> Water Shut-Off | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Pulled tubing</u> | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | | | | | | | | | | | | | | | | | | | |

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion as a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

From 12/17-22/2002 Tom Brown, Inc. performed a workover to pull the tubing, inspect casing and return to production up the casing in this well per the attached chronological reports. The well was returned to production on 12/21/2002 at a rate of 2934 MCFD, 11 BOPD, 26 BWPD, CP 340#.

| | |
|--|---------------------------------|
| 14. I hereby certify that the foregoing is true and correct | |
| Name (Printed/Typed) Chris Mathewson | Title Engineering Technician |
| Signature <i>Chris Mathewson</i> | Date 4/21/2003 |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | |
| Approved by | Title |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | |

RECEIVED

APR 23 2003

DIV. OF OIL, GAS & MIN.



Tom Brown, Inc.

565 Seventeenth Street, Suite 1850
Denver, CO 80202-3918
(303) 260-5000

Lisbon Fed A 911 Completion Chronological Report Page 1 of 2

Well Name : Lisbon Fed A 911
 Well User ID : 272673 AFE # : W02U280
 Operator : Tom Brown, Inc. WI : 0.995031 NRI 0.848352
 Loc : SWSW STR : 11 -30S-24E
 County : San Juan, Ut APICode : 043-037-31014
 Prospect : Lisbon
 Contractor : AFE Type : Workover
 Spud Date : Rig Rel Date : Total Depth : 7550 ft.
 Comp Date : PBTD : 7550 ft.
 Job Purpose : Workover to pull tubing, inspect casing, return to sales up casing.

Completions Detail Report

| Date | Activity | Days On Completion |
|--|-----------------------|--------------------|
| 12/17/2002 | mi/ru | 1 |
| Rot Summary : | | |
| Report Detail : Road rig to location. Loaded and hauled all equipment. Spotted equipment. Spotted rig. Too windy to rig up. SD for night. | | |
| 12/18/2002 | Pull tbg | 2 |
| Rot Summary : | | |
| Report Detail : Safety meeting. 800 psi on tbg. Spotted 400 bbl tank. Hauled in water. Hooked up pump. Pressure tested casing to 1000 psi for 30 min. Test ok. Wait on Cobra Slickline (bad roads). Pumped 50 bbls wtr down tubing. RU Cobra Slickline. RIH w/2.347 gauge ring to 7450'. Possibly tagged in seal assembly. POH. RIH w/2.31 plug. Set plug in F nipple @ 7482'. POH. RD Cobra Slickline. ND wellhead. NU BOP. Picked up on tbg. Removed donut. Attempted to sting out of packer w/straight pull per conversation w/Baker. Would not sting out. Rotated tbg to the right. Rotated out of donut. Laid down 1 jt. SD for night. | | |
| 12/19/2002 | Pull tbg | 3 |
| Rot Summary : | | |
| Report Detail : Safety meeting. Hooked up pump. Pumped 16 bbls down csg and established circulation. Circulated well for 1hr. 45 min @ 3.5 bpm. Took H2s reading on rig tank. 0 ppm. SD pump. POH w/239 jts 3-1/2 tbg and seal assembly. Filled hole w/wtr. SD for night. | | |
| 12/20/2002 | Run Log | 4 |
| Rot Summary : | | |
| Report Detail : Safety meeting. RU Schlumberger. Run USIT/CBL from packer to surface. RD Schlumberger. SD for night. | | |
| 12/21/2002 | Mill on Pkr. | 5 |
| Rot Summary : | | |
| Report Detail : Safety Meeting. Made up Mill shoe, jars and junk basket. RIH on 238 jts tbg. Tagged pkr. Established circulation. Milled on pkr for 45 min and lost circulation. Milled 45 min ppg 2 bpm down casing and pkr came free. Flushed cuttings w/40 bbls. Picked up 15 jts and chased pkr to bottom. POH w/15 stands. SD for night. | | |
| 12/22/2002 | Lay down 3 1/2 tubing | 6 |
| Rot Summary : | | |
| Report Detail : Safety Meeting. 160 psi on well. Pumped 75 bbls down casing. 50 bbls down tbg. POH and laid down 224 jts tbg. RIH w/15 stands out of derrick. POH and laid down 30 jts. ND BOP. NU Wellhead. SD. | | |

RECEIVED

APR 23 2003



Tom Brown, Inc.

555 Seventeenth Street, Suite 1850
Denver CO 80202-3918
Phone: (303) 260-5000 Fax: (303) 260-5007

Completion Chron Report

Lisbon Fed A 911 Completion Chronological Report Page 2 of 2

Well Name : Lisbon Fed A 911
Well User ID : 272673 AFE # : W02U280
Operator : Tom Brown, Inc. WI : 0.995031 NRI 0.848352
Loc : SWSW STR : 11 -30S-24E
County : San Juan, Ut APICode : 043-037-31014
Prospect : Lisbon
Contractor : AFE Type : Workover
Spud Date : Rig Rel Date : Total Depth : 7550 ft.
Comp Date : PBDT : 7550 ft.

| | | |
|--|-------------------------------------|--------------------------------|
| <u>Date</u> : 12/27/2002 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 11 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 140 TP - 310 CP - 340 MCF/D - 2934 CHOKE - CHOKED BO - 11 BW - 26 DOWN - 7 HRS | | |
| <u>Date</u> : 12/28/2002 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 12 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 155 TP - 350 CP - 360 MCF/D - 4748 CHOKE - CHOKED BO - 3 BW - 19 | | |
| <u>Date</u> : 12/29/2002 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 13 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 150 TP - 360 MCF/D - 5013 CHOKE - CHOKED BO - 5 BW - 14 | | |
| <u>Date</u> : 12/30/2002 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 14 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 140 TP - 180 CP - 190 MCF/D - 6183 CHOKE - 100 BO - 5 BW - 6 | | |
| <u>Date</u> : 12/31/2002 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 15 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 145 TP - 180 CP - 203 MCF/D - 6828 CHOKE - 100 BO - 6 BW - 2 | | |
| <u>Date</u> : 1/1/2003 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 16 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 190 TP - 215 CP - 230 MCF/D - 7108 CHOKE - 100 BO - 5 BW - 1.5 | | |
| <u>Date</u> : 1/2/2003 | <u>Activity</u> : Put on Production | <u>Days On Completion</u> : 17 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 190 TP - 220 CP - 235 MCF/D - 7214 CHOKE - 100 BO - 5 BW - .5 | | |
| <u>Date</u> : 1/3/2003 | <u>Activity</u> : Final Report | <u>Days On Completion</u> : 18 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : LP - 185 TP - 220 CP - 235 MCF/D - 7429 CHOKE - 100 BO - 11 BW - 0 | | |
| <u>Date</u> : 1/7/2003 | <u>Activity</u> : rig down | <u>Days On Completion</u> : 22 |
| <u>Rpt Summary</u> : | | |
| <u>Report Detail</u> : Well flowing to sales @ 225 psi. RD PU. Move to C 910. | | |

RECEIVED

APR 23 2003

DIVISION OF OIL & GAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
SL-070008-A

6. If Indian, Allote or Tribe Name
NA

7. If Unit or CA/Agreement Designation

8. Well Name and No.
Lisbon Federal A-911

9. API Well No.
043-037-31014

10. Field and Pool, or Exploratory Area
Lisbon

11. County or Parish, State
San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator: Tom Brown, Inc. Contact: Chris Mathewson
Phone: 303-260-5134

3. Address and Telephone No.
555 Seventeenth Street, Suite 1850, Denver, CO 80202

4. Location of Well (Footage, T, R, M, or Survey Description)
976' FSL & 385' FWL
SWSW Sec. 11-T30S-R24E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (start/resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Pulled tubing</u> |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

From 12/17-22/2002 Tom Brown, Inc. performed a workover to pull the tubing, inspect casing and return to production up the casing in this well per the attached chronological reports. The well was returned to production on 12/21/2002 at a rate of 2934 MCFD, 11 BOPD, 26 BWP, CP 340#.

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

| | |
|---|---------------------------------|
| Name (Printed/Typed) Chris Mathewson | Title Engineering Technician |
| Signature <i>Chris Mathewson</i> | Date 4/21/2003 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------|------|
| Approved by | Title | Date |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
APR 24 2003
BUREAU OF LAND MANAGEMENT



Tom Brown, Inc.

555 Seventeenth Street, Suite 1850
Denver, CO 80202-3918
(303) 260-5000

Lisbon Fed A 911 Completion Chronological Report Page 1 of 2

Well Name : Lisbon Fed A 911

AFE # : W02U280

Well User ID : 272673

WI : 0.995031 NRI 0.848352

Operator : Tom Brown, Inc.

Loc : SWSW

STR : 11 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31014

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 7550 ft.

Comp Date :

PBTD : 7550 ft.

Job Purpose : Workover to pull tubing, inspect casing, return to sales up casing.

Completions Detail Report

Date : 12/17/2002

Activity: mi/ru

Days On Completion : 1

Rpt Summary :

Report Detail : Road rig to location. Loaded and hauled all equipment. Spotted equipment. Spotted rig. Too windy to rig up. SD for night.

Date : 12/18/2002

Activity: Pull tbg

Days On Completion : 2

Rpt Summary :

Report Detail : Safety meeting. 800 psi on tbg. Spotted 400 bbl tank. Hauled in water. Hooked up pump. Pressure tested casing to 1000 psi for 30 min. Test ok. Wait on Cobra Slickline (bad roads). Pumped 50 bbls wtr down tubing. RU Cobra Slickline. RIH w/2.347 gauge ring to 7450'. Possibly tagged in seal assembly. POH. RIH w/2.31 plug. Set plug in F nipple @ 7482'. POH. RD Cobra Slickline. ND wellhead. NU BOP. Picked up on tbg. Removed donut. Attempted to sting out of packer w/straight pull per conversation w/Baker. Would not sting out. Rotated tbg to the right. Rotated out of donut. Laid down 1 jt. SD for night.

Date : 12/19/2002

Activity: Pull tbg

Days On Completion : 3

Rpt Summary :

Report Detail : Safety meeting. Hooked up pump. Pumped 16 bbls down csg and established circulation. Circulated well for 1hr. 45 min @ 3.5 bpm. Took H2s reading on rig tank. 0 ppm. SD pump. POH w/239 jts 3-1/2 tbg and seal assembly. Filled hole w/wtr. SD for night.

Date : 12/20/2002

Activity: Run Log

Days On Completion : 4

Rpt Summary :

Report Detail : Safety meeting. RU Schlumberger. Run USIT/CBL from packer to surface. RD Schlumberger. SD for night.

Date : 12/21/2002

Activity: Mill on Pkr.

Days On Completion : 5

Rpt Summary :

Report Detail : Safety Meeting. Made up Mill shoe, jars and junk basket. RIH on 238 jts tbg. Tagged pkr. Established circulation. Milled on pkr for 45 min and lost circulation. Milled 45 min ppg 2 bpm down casing and pkr came free. Flushed cuttings w/40 bbls. Picked up 15 jts and chased pkr to bottom. POH w/15 stands. SD for night.

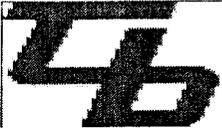
Date : 12/22/2002

Activity: Lay down 3 1/2 tubing

Days On Completion : 6

Rpt Summary :

Report Detail : Safety Meeting. 160 psi on well. Pumped 75 bbls down casing. 50 bbls down tbg. POH and laid down 224 jts tbg. RIH w/15 stands out of derrick. POH and laid down 30 jts. ND BOP. NU Wellhead. SD.



Tom Brown, Inc.

555 Seventeenth Street, Suite 1850
Denver CO 80202-3918
Phone : (303) 260-5000 Fax : (303) 260-5007

Completion Chron Report

Lisbon Fed A 911 Completion Chronological Report Page 2 of 2

Well Name : Lisbon Fed A 911

Well User ID : 272673

AFE # : W02U280

Operator : Tom Brown, Inc.

WI : 0.995031 NRI 0.848352

Loc : SWSW

STR : 11 -30S - 24E

County : San Juan, Ut

APICode : 043-037-31014

Prospect : Lisbon

Contractor :

AFE Type : Workover

Spud Date :

Rig Rel Date :

Total Depth : 7550 ft.

Comp Date :

PBTD : 7550 ft.

Date : 12/27/2002 Activity: Put on Production Days On Completion : 11

Rpt Summary :

Report Detail : LP - 140 TP - 310 CP - 340 MCF/D - 2934 CHOKE - CHOKED BO - 11 BW - 26 DOWN - 7 HRS

Date : 12/28/2002 Activity: Put on Production Days On Completion : 12

Rpt Summary :

Report Detail : LP - 155 TP - 350 CP - 360 MCF/D - 4746 CHOKE - CHOKED BO - 3 BW - 19

Date : 12/29/2002 Activity: Put on Production Days On Completion : 13

Rpt Summary :

Report Detail : LP - 150 TP - 360 MCF/D - 5013 CHOKE - CHOKED BO - 5 BW - 14

Date : 12/30/2002 Activity: Put on Production Days On Completion : 14

Rpt Summary :

Report Detail : LP - 140 TP - 180 CP - 190 MCF/D - 6163 CHOKE - 100 BO - 5 BW - 6

Date : 12/31/2002 Activity: Put on Production Days On Completion : 15

Rpt Summary :

Report Detail : LP - 145 TP - 180 CP - 203 MCF/D - 6828 CHOKE - 100 BO - 6 BW - 2

Date : 1/1/2003 Activity: Put on Production Days On Completion : 16

Rpt Summary :

Report Detail : LP - 190 TP - 215 CP - 230 MCF/D - 7108 CHOKE - 100 BO - 5 BW - 1.5

Date : 1/2/2003 Activity: Put on Production Days On Completion : 17

Rpt Summary :

Report Detail : LP - 190 TP - 220 CP - 235 MCF/D - 7214 CHOKE - 100 BO - 5 BW - .5

Date : 1/3/2003 Activity: Final Report Days On Completion : 18

Rpt Summary :

Report Detail : LP - 185 TP - 220 CP - 235 MCF/D - 7429 CHOKE - 100 BO - 11 BW - 0

Date : 1/7/2003 Activity: rig down Days On Completion : 22

Rpt Summary :

Report Detail : Well flowing to sales @ 225 psi. RD PU. Move to C 910.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allote or Tribe Name

7. Unit Agreement Name

1. Type of Well

- Oil Well Gas Well Other

8. Well Name and Number

2. Name of Operator: EnCana Oil & Gas (USA) Inc.
(successor in interest of Tom Brown, Inc. effective 1/1/05)

Contact: Jane Washburn
Phone: 720/876-5431

9. API Well Number

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area

4. Location of Well

Footages: **SEE ATTACHED LIST OF WELLS**
QQ, Sec T,R,M:

County:
State:

11. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | |

Change of Operator

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

N9885 N2175

The merger of Tom Brown, Inc. with EnCana Oil & Gas (USA) Inc. was effective January 1, 2005. It is, therefore, requested that the Operator of all properties on the attached list be changed from Tom Brown, Inc. to EnCana Oil & Gas (USA) Inc.

RECEIVED
JAN 2 / 2005

DIV. OF OIL, GAS & MINING

| | |
|---|--------------------------------------|
| 13. Name (Printed/Typed) Jane Washburn | Title Operations Engineering Tech |
| Signature <i>Jane Washburn</i> | Date 01/24/2005 |

(This space for State use only)

APPROVED 2134105
ER
Division of Oil, Gas and Mining
Earlene Russett, Engineering Technician

| well name | sec | twsp | rng | api | entity | lease | well | stat | flag | unit name | lease num | qtr | qtr | td | md | d | apd | op no |
|------------------------------|-----|------|------|------------|--------|---------|------|------|------|--------------------|--------------|------|------|------|----|---|------|-------|
| BIG INDIAN 36-42 | 36 | 290S | 240E | 4303731827 | | State | GW | APD | | | ST-UT-37067 | SESW | | | | | 5750 | N9885 |
| FEDERAL 14-18 | 18 | 250S | 060E | 4301530060 | 436 | Federal | NA | PA | | | UTU-69447 | SWSW | | | | | | N9885 |
| NW USA D-1 (B-624) | 24 | 300S | 240E | 4303716516 | 99990 | Federal | | A | | | UTU-070034 | NENW | | | | | | N9885 |
| FEDERAL 15-25 | 25 | 290S | 230E | 4303730317 | 4776 | Federal | GW | S | | | UTU-986 | SWSE | | | | | | N9885 |
| BIG INDIAN 35-24 | 35 | 290S | 240E | 4303731829 | 14409 | Federal | GW | DRL | C | | UTU-077077 | SENE | | | | | | N9885 |
| BIG INDIAN 27-34 | 27 | 290S | 240E | 4303731828 | | Federal | GW | APD | C | | N9885 | | | | | | | |
| BIG INDIAN UNIT 1 | 33 | 290S | 240E | 4303716219 | 8122 | Federal | OW | S | | BIG INDIAN | UTSL-067131 | SENE | | | | | | N9885 |
| BIG INDIAN 4 | 14 | 300S | 250E | 4303716221 | 8124 | Federal | GW | TA | | BIG INDIAN | UTSL-089097 | SWSW | | | | | | N9885 |
| BIG INDIAN 34-11 | 34 | 290S | 240E | 4303731818 | 14004 | Federal | D | PA | C | BIG INDIAN | UTU-014905 | NWNW | | | | | | N9885 |
| | | | | | | | | | | | | | | | | | | |
| BULL HORN U 10-43 | 10 | 300S | 250E | 4303731831 | 14393 | Federal | GW | DRL | C | BULL HORN | UT-73190 | SWSE | | | | | | N9885 |
| | | | | | | | | | | | | | | | | | | |
| LISBON B-615 | 15 | 300S | 240E | 4303715123 | 8123 | Federal | OW | P | | LISBON | UTU-09179 | NENW | | | | | | N9885 |
| LISBON FED 2-21F | 21 | 300S | 250E | 4303715768 | 410 | Federal | GW | S | | LISBON | UTU-094674 | SENE | | | | | | N9885 |
| LISBON B912 | 12 | 300S | 240E | 4303715769 | 8123 | Federal | OW | S | | LISBON | UTU-06922 | SESW | | | | | | N9885 |
| LISBON A-713A | 13 | 300S | 240E | 4303716236 | 8123 | Federal | GW | PA | | LISBON | UTSL-070034 | SWNW | | | | | | N9885 |
| LISBON A-715 | 15 | 300S | 240E | 4303716237 | 8123 | Federal | | A | | LISBON | UTU-020691A | SWNW | | | | | | N9885 |
| LISBON B-613 | 13 | 300S | 240E | 4303716240 | 8123 | Federal | OW | S | | LISBON | UTSL-070034 | NENW | | | | | | N9885 |
| LISBON C-69 | 09 | 300S | 240E | 4303716245 | 8123 | Federal | OW | S | | LISBON | UTU-09179 | NWNE | | | | | | N9885 |
| LISBON C-94 | 04 | 300S | 240E | 4303716247 | 8123 | Federal | OW | S | | LISBON | UTU-66582 | SWSE | | | | | | N9885 |
| LISBON UNIT D-84 | 04 | 300S | 240E | 4303716250 | 8123 | Federal | OW | P | | LISBON | UTU-015445 | NESE | | | | | | N9885 |
| LISBON D-89 | 09 | 300S | 240E | 4303716251 | 8123 | Federal | OW | P | | LISBON | UTU-015445 | NESE | | | | | | N9885 |
| NW LISBON USA B-1 (B-614) | 14 | 300S | 240E | 4303716468 | 8123 | Federal | | P | | LISBON | UTSL-070008A | NENW | | | | | | N9885 |
| NW LISBON USA A-2 (D-810) | 10 | 300S | 240E | 4303716471 | 8123 | Federal | | P | | LISBON | UTU-14903 | NESE | | | | | | N9885 |
| LISBON B-84 | 04 | 300S | 240E | 4303730054 | 8123 | Federal | OW | S | | LISBON | UTU-09179 | NESW | | | | | | N9885 |
| LISBON B-814 | 14 | 300S | 240E | 4303730082 | 8123 | Federal | OW | S | | LISBON | UTSL-070008A | NESW | | | | | | N9885 |
| LISBON C-99 | 09 | 300S | 240E | 4303730693 | 8123 | Federal | OW | P | | LISBON | UTU-09179 | SWSE | | | | | | N9885 |
| LISBON B-94 | 04 | 300S | 240E | 4303730695 | 8123 | Federal | OW | S | | LISBON | UTU-015445 | SESW | | | | | | N9885 |
| LISBON C-910 I | 10 | 300S | 240E | 4303731805 | 12892 | Federal | D | PA | | LISBON | UTU-0141903 | SWSE | | | | | | N9885 |
| LISBON D-616 | 16 | 300S | 240E | 4303715049 | 8123 | State | OW | P | | LISBON | ML-13692 | NENE | 9120 | 9120 | | | | N9885 |
| LISBON B-616 | 16 | 300S | 240E | 4303716242 | 8123 | State | OW | S | | LISBON | ML-8366 | NESW | 8689 | 8689 | | | | N9885 |
| BELCO ST 4 (LISBON B-816) | 16 | 300S | 240E | 4303716244 | 8123 | State | | A | | LISBON | ML-8366 | NESW | 8730 | 9100 | | | | N9885 |
| LISBON UNIT D-716 | 16 | 300S | 240E | 4303731034 | 8123 | State | OW | P | | LISBON | ML-13692 | SENE | 8794 | 8775 | | | | N9885 |
| | | | | | | | | | | | | | | | | | | |
| LISBON U B-610 | 10 | 300S | 240E | 4303716469 | 9740 | Federal | | P | | LISBON (MCCRACKEN) | UTU-014903 | NENW | | | | | | N9885 |
| LISBON U D-610 | 10 | 300S | 240E | 4303730694 | 9740 | Federal | | P | | LISBON (MCCRACKEN) | UTU-014903 | NENE | | | | | | N9885 |
| LISBON UNIT A-911 | 11 | 300S | 240E | 4303731014 | 9740 | Federal | | P | | LISBON (MCCRACKEN) | UTSL-070008A | SWSW | | | | | | N9885 |
| LISBON C-910 | 10 | 300S | 240E | 4303731323 | 9740 | Federal | | P | | LISBON (MCCRACKEN) | UTU-014903 | SWSE | | | | | | N9885 |
| LISBON B-614A | 14 | 300S | 240E | 4303731351 | 9740 | Federal | | TA | | LISBON (MCCRACKEN) | UTSL-070008A | NENW | | | | | | N9885 |
| LISBON B-810 | 10 | 300S | 240E | 4303731433 | 9740 | Federal | | P | | LISBON (MCCRACKEN) | UTU-014903 | NESW | | | | | | N9885 |
| LISBON (MCCRACKEN) D-615 | 15 | 300S | 240E | 4303731817 | | Federal | OW | LA | | LISBON (MCCRACKEN) | N9885 | | | | | | | |
| LISBON (MCCRACKEN) A-610 | 10 | 300S | 240E | 4303731821 | | Federal | OW | LA | | LISBON (MCCRACKEN) | N9885 | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Dual Production (2 entities) | | | | | | | | | | | | | | | | | | |

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

"TOM BROWN, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENCANA OIL & GAS (USA) INC." UNDER THE NAME OF "ENCANA OIL & GAS (USA) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2004, AT 6:15 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2137895 8100M

040934710

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

State of Delaware
Secretary of State
Division of Corporations
Delivered 06:15 PM 12/22/2004
FILED 06:15 PM 12/22/2004
SRV 040934710 - 2137895 FILE

**STATE OF DELAWARE
CERTIFICATE OF MERGER OF
DOMESTIC CORPORATIONS**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., and the names and jurisdictions of the corporations being merged into this surviving corporation are as follows:

| <u>Name</u> | <u>Jurisdiction of Incorporation</u> |
|-------------------------|--------------------------------------|
| Tom Brown, Inc. | Delaware corporation |
| TBI Pipeline Company | Delaware corporation |
| TBI West Virginia, Inc. | Delaware corporation |

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations.

THIRD: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., a Delaware corporation.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

FIFTH: The merger is to become effective on January 1, 2005.

SIXTH: The Agreement and Plan of Merger is on file at 950 17th Street, Suite 2600, Denver, Colorado 80202, the place of business of the surviving corporation.

SEVENTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer, the 17th day of December, A.D., 2004.

ENCANA OIL & GAS (USA) INC.

By: Mary A. Viviano
Mary A. Viviano, Secretary

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 2/24/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/24/2005
- 3. Bond information entered in RBDMS on: 2/24/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/24/2005
- 5. Injection Projects to new operator in RBDMS on: 2/24/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1005

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0007875

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Merger and rider of bond from Tom Brown, Inc.

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

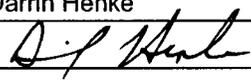
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

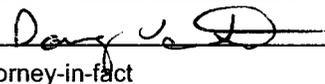
| | | |
|--|-------------------|------------------------------|
| Well Name and Number See Attached List of Wells | | API Number |
| Location of Well | | Field or Unit Name LISBON |
| Footage : _____ | County : SAN JUAN | Lease Designation and Number |
| QQ, Section, Township, Range: _____ | State : UTAH | |

EFFECTIVE DATE OF TRANSFER: 1/1/2005

CURRENT OPERATOR

| | |
|---|--|
| Company: <u>Tom Brown, Inc.</u> | Name: <u>Darrin Henke</u> |
| Address: <u>555 17th Street, Suite 1850</u> | Signature:  |
| <u>city Denver state CO zip 80202</u> | Title: <u>Attorney-in-fact</u> |
| Phone: <u>(720) 876-5157</u> | Date: <u>3/7/2005</u> |
| Comments: | |

NEW OPERATOR

| | |
|---|--|
| Company: <u>EnCana Oil & Gas (USA) Inc.</u> | Name: <u>Doug VanSteelandt</u> |
| Address: <u>370 17th Street, Suite 1700</u> | Signature:  |
| <u>city Denver state CO zip 80202</u> | Title: <u>Attorney-in-fact</u> |
| Phone: <u>(720) 876-5068</u> | Date: <u>3/7/2005</u> |
| Comments: | |

(This space for State use only)

Transfer approved by: 
 Title: Field Services Manager

Approval Date: 3-14-05
RECEIVED
MAR 10 2005

Comments: Change UIC-307, UIC-297

DIV. OF OIL, GAS & MINING

That A-911, C-910 + B-810 never received UIC permits according to our records.

Attachment to UIC Form 5

Date: 03/07/2005

| API Well Number | Well Name | Lease Number | Field Name | County Name | Qtr/Qtr | Section | Location (Twn-Rng) |
|--------------------|--------------------|--------------|------------|-------------|---------|---------|---------------------|
| 43-037-16237-00-00 | LISBON A-715 | U 20691A | LISBON | SAN JUAN | SWNW | 15 | 30S-24E |
| 43-037-16516-00-00 | NW USA D-1 (B-624) | UTSL 070034 | LISBON | SAN JUAN | NENW | 24 | 30S-24E |
| 43-037-31014-00-00 | LISBON UNIT A-911 | UTSL 070008A | LISBON | SAN JUAN | SWSW | 11 | 30S-24E - <i>NO</i> |
| 43-037-31323-00-00 | LISBON C-910 | UTU 014903 | LISBON | SAN JUAN | SWSE | 10 | 30S-24E - <i>NO</i> |
| 43-037-31433-00-00 | LISBON B-810 | UTU 014903 | LISBON | SAN JUAN | NESW | 10 | 30S-24E - <i>NO</i> |

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/14/2010

| | |
|---|---|
| FROM: (Old Operator): N2175-EnCana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202 Phone: 1 (303) 623-2300 | TO: (New Operator): N3670-Patara Oil & Gas, LLC 333 Clay Street, Suite 3960 Houston, TX 77002 Phone: 1 (713) 357-7171 |
|---|---|

CA No.

Unit:

LISBON

| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|--------------|-----|-----|-----|--------|-----------|------------|-----------|-------------|
| SEE ATTACHED | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- Is the new operator registered in the State of Utah: Business Number: 7655540-0161
- (R649-9-2)Waste Management Plan has been received on: * * requested 9/27/10
- Inspections of LA PA state/fee well sites complete on: * * requested 9/27/10
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 6/28/2010 & 9/2/2010
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010
Lisbon B-816 only

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. LEASE DESIGNATION AND SERIAL NUMBER: |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____ | | 7. UNIT or CA AGREEMENT NAME: |
| 2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i> | | 8. WELL NAME and NUMBER: |
| 3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202 | | 9. API NUMBER: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List | | 10. FIELD AND POOL, OR WMLDCAT: |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | COUNTY: |
| | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. *RLB0013207 + B006008*

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development *N3670*

Signature *[Signature]* Date 5/4/2010

| | |
|--|-------------------------------|
| NAME (PLEASE PRINT) <u>Ricardo D. Gallegos</u> | TITLE <u>Attorney-in-Fact</u> |
| SIGNATURE <i>[Signature]</i> | DATE <u>5/4/2010</u> |

(This space for State use only)

APPROVED 9/14/2010

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

RECEIVED

May 11 2010 ER

DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)
effective May 4, 2010
LISBON UNIT

| well name | sec | twp | rng | api | entity | lease | well | stat | C |
|---------------------------|-----|------|------|------------|--------|---------|------|------|---|
| LISBON D-616 | 16 | 300S | 240E | 4303715049 | 8123 | State | OW | S | |
| LISBON B-615 | 15 | 300S | 240E | 4303715123 | 8123 | Federal | OW | P | |
| LISBON B912 | 12 | 300S | 240E | 4303715769 | 8123 | Federal | OW | S | |
| LISBON A-715 | 15 | 300S | 240E | 4303716237 | 8123 | Federal | WD | I | |
| LISBON B-613 | 13 | 300S | 240E | 4303716240 | 8123 | Federal | OW | S | |
| LISBON B-616 | 16 | 300S | 240E | 4303716242 | 8123 | State | OW | S | |
| BELCO ST 4 (LISBON B-816) | 16 | 300S | 240E | 4303716244 | 8123 | State | WD | A | |
| LISBON C-69 | 09 | 300S | 240E | 4303716245 | 8123 | Federal | OW | S | |
| LISBON C-94 | 04 | 300S | 240E | 4303716247 | 8123 | Federal | OW | S | |
| LISBON UNIT D-84 | 04 | 300S | 240E | 4303716250 | 8123 | Federal | OW | P | |
| LISBON D-89 | 09 | 300S | 240E | 4303716251 | 8123 | Federal | OW | S | |
| NW LISBON USA A-2 (D-810) | 10 | 300S | 240E | 4303716471 | 8123 | Federal | GW | P | |
| LISBON B-84 | 04 | 300S | 240E | 4303730054 | 8123 | Federal | OW | S | |
| LISBON B-814 | 14 | 300S | 240E | 4303730082 | 8123 | Federal | WD | A | |
| LISBON C-99 | 09 | 300S | 240E | 4303730693 | 8123 | Federal | OW | S | |
| LISBON B-94 | 04 | 300S | 240E | 4303730695 | 8123 | Federal | OW | S | |
| LISBON UNIT A-911 | 11 | 300S | 240E | 4303731014 | 8123 | Federal | GW | P | |
| LISBON UNIT D-716 | 16 | 300S | 240E | 4303731034 | 8123 | State | OW | S | |
| LISBON C-910 | 10 | 300S | 240E | 4303731323 | 8123 | Federal | OW | S | |
| LISBON B-614A | 14 | 300S | 240E | 4303731351 | 8123 | Federal | OW | S | |
| LISBON B-810 | 10 | 300S | 240E | 4303731433 | 8123 | Federal | OW | P | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO
3180
UT-922

June 28, 2010

David M. Laramie
Patara Oil & Gas, LLC
621 17th Street, Suite 1345
Denver, CO 80293

Re: Successor Operator
Lisbon Unit, UTU630370
San Juan County, Utah

Dear Mr. Laramie:

On June 25, 2010, we received an indenture dated May 4, 2010, whereby EnCana Oil & Gas (USA), Inc. resigned as Unit Operator and Patara Oil & Gas, LLC was designated as Successor Unit Operator for the Lisbon Unit, San Juan County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective June 28, 2010. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Lisbon Unit Agreement.

Your statewide oil and gas BLM Bond No. UTB000428 will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Federal offices, with one copy returned herewith.

If you have any questions, contact Leslie Wilcken of this office at (801) 539-4112.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

RECEIVED

JUL 06 2010

DIV. OF OIL, GAS & MINING

Enclosure

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/1/2012

| | |
|---|--|
| FROM: (Old Operator): N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685 | TO: (New Operator): N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685 |
|---|--|

| CA No. | | Unit: | | Lisbon | | | | |
|-------------------|-----|-------|-----|--------|-----------|------------|-----------|-------------|
| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| See Attached List | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- Is the new operator registered in the State of Utah: Business Number: 8523441-0161
- (R649-9-2)Waste Management Plan has been received on: Not Yet
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 2/12/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/6/2013

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)

Effective 11/1/2012

Lisbon Unit

| Well Name | Section | TWN | RNG | API Number | Entity | Lease Type | Well Type | Well Status |
|---------------------------|---------|------|------|------------|-----------|------------|-----------|-------------|
| BELCO ST 4 (LISBON B-816) | 16 | 300S | 240E | 4303716244 | 8123 | State | WD | A |
| LISBON B-814 | 14 | 300S | 240E | 4303730082 | 8123 | Federal | WD | A |
| LISBON A-715 | 15 | 300S | 240E | 4303716237 | 8123 | Federal | WD | I |
| LISBON B-613 | 13 | 300S | 240E | 4303716240 | 8123 | Federal | OW | P |
| NW LISBON USA A-2 (D-810) | 10 | 300S | 240E | 4303716471 | 8123/9740 | Federal | GW | P |
| LISBON UNIT A-911 | 11 | 300S | 240E | 4303731014 | 8123 | Federal | GW | P |
| LISBON B-614A | 14 | 300S | 240E | 4303731351 | 9740 | Federal | OW | P |
| LISBON B-810 | 10 | 300S | 240E | 4303731433 | 9740 | Federal | OW | P |
| LISBON B-615 | 15 | 300S | 240E | 4303715123 | 8123 | Federal | OW | S |
| LISBON B912 | 12 | 300S | 240E | 4303715769 | 8123 | Federal | OW | S |
| LISBON C-69 | 09 | 300S | 240E | 4303716245 | 8123 | Federal | OW | S |
| LISBON C-94 | 04 | 300S | 240E | 4303716247 | 8123 | Federal | OW | S |
| LISBON UNIT D-84 | 04 | 300S | 240E | 4303716250 | 8123 | Federal | OW | S |
| LISBON D-89 | 09 | 300S | 240E | 4303716251 | 8123 | Federal | OW | S |
| LISBON B-84 | 04 | 300S | 240E | 4303730054 | 8123 | Federal | OW | S |
| LISBON C-99 | 09 | 300S | 240E | 4303730693 | 8123 | Federal | OW | S |
| LISBON B-94 | 04 | 300S | 240E | 4303730695 | 8123 | Federal | OW | S |
| LISBON C-910 | 10 | 300S | 240E | 4303731323 | 8123 | Federal | OW | S |

RECEIVED

JAN 23 2013

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL, GAS WELL, OTHER Multiple Well Transfer
2. NAME OF OPERATOR: Patara Oil & Gas LLC
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S Denver CO 80202
4. LOCATION OF WELL: FOOTAGES AT SURFACE: n/a
COUNTY: San Juan, UT
STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Multiple
9. API NUMBER: n/a
10. FIELD AND POOL, OR WILDCAT: n/a

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, ALTER CASING, OPERATOR CHANGE, etc.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan
TITLE Regulations & Production Reporting Supervisor
SIGNATURE [Signature]
DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|--|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: n/a |
| 2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a |
| 3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u> | | 7. UNIT or CA AGREEMENT NAME: n/a |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u> | | 8. WELL NAME and NUMBER: <u>Multiple</u> |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | 9. API NUMBER: n/a |
| | | 10. FIELD AND POOL, OR WILDCAT: n/a |
| | | COUNTY: <u>San Juan, UT</u> |
| | | STATE: <u>UTAH</u> |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

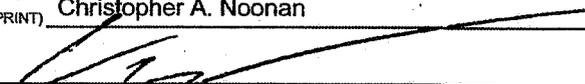
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u> | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
BLM: 105865919
State: 105865922

| | |
|---|--|
| NAME (PLEASE PRINT) <u>Christopher A. Noonan</u> | TITLE <u>Regulations & Production Reporting Supervisor</u> |
| SIGNATURE  | DATE <u>2/6/2012</u> |

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

RECEIVED

FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

| API Well Number | Operator | Well Name | Well Status | Well Type | Field Name | County | Qtr/Qtr | Section | Township-Range) |
|----------------------|----------------------|---------------------------|-------------|---------------------|----------------------|----------|---------|---------|-----------------|
| ✓ 43-037-15049-00-00 | PATARA OIL & GAS LLC | LISBON D-616 | Shut-In | Oil Well | LISBON | SAN JUAN | NENE | 16 | 30S-24E 1 |
| ✓ 43-037-15123-00-00 | PATARA OIL & GAS LLC | LISBON B-615 | Producing | Oil Well | LISBON | SAN JUAN | NENW | 15 | 30S-24E 2 |
| ✓ 43-037-15769-00-00 | PATARA OIL & GAS LLC | LISBON B912 | Shut-In | Oil Well | LISBON | SAN JUAN | SESW | 12 | 30S-24E 3 |
| ✓ 43-037-16219-00-00 | PATARA OIL & GAS LLC | BIG INDIAN UNIT 1 | Shut-In | Oil Well | BIG INDIAN (MADISON) | SAN JUAN | SENE | 33 | 29S-24E 4 |
| ✓ 43-037-16221-00-00 | PATARA OIL & GAS LLC | BIG INDIAN 4 | Shut-In | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SWSW | 14 | 30S-25E 5 |
| ✓ 43-037-16237-00-00 | PATARA OIL & GAS LLC | LISBON A-715 | Inactive | Water Disposal Well | LISBON | SAN JUAN | SWNW | 15 | 30S-24E 6 |
| ✓ 43-037-16240-00-00 | PATARA OIL & GAS LLC | LISBON B-613 | Shut-In | Oil Well | LISBON | SAN JUAN | NENW | 13 | 30S-24E 7 |
| ✓ 43-037-16242-00-00 | PATARA OIL & GAS LLC | LISBON B-616 | Shut-In | Oil Well | LISBON | SAN JUAN | NESW | 16 | 30S-24E 8 |
| ✓ 43-037-16244-00-00 | PATARA OIL & GAS LLC | BELCO ST 4 (LISBON B-816) | Active | Water Disposal Well | LISBON | SAN JUAN | NESW | 16 | 30S-24E 9 |
| ✓ 43-037-16245-00-00 | PATARA OIL & GAS LLC | LISBON C-69 | Shut-In | Oil Well | LISBON | SAN JUAN | NWNE | 9 | 30S-24E 10 |

| | | | | | | | | | |
|----------------------|----------------------|---------------------------|-----------|---------------------|---------------|----------|------|----|------------|
| ✓ 43-037-16247-00-00 | PATARA OIL & GAS LLC | LISBON C-94 | Shut-In | Oil Well | LISBON | SAN JUAN | SWSE | 4 | 30S-24E 11 |
| ✓ 43-037-16250-00-00 | PATARA OIL & GAS LLC | LISBON UNIT D-84 | Shut-In | Oil Well | LISBON | SAN JUAN | NESE | 4 | 30S-24E 12 |
| ✓ 43-037-16251-00-00 | PATARA OIL & GAS LLC | LISBON D-89 | Shut-In | Oil Well | LISBON | SAN JUAN | NESE | 9 | 30S-24E 13 |
| 43-037-16469-00-00 | PATARA OIL & GAS LLC | LISBON U B-610 | Producing | Oil Well | LISBON | SAN JUAN | NENW | 10 | 30S-24E 14 |
| 43-037-16471-00-00 | PATARA OIL & GAS LLC | NW LISBON USA A-2 (D-810) | Producing | Gas Well | LISBON | SAN JUAN | NESE | 10 | 30S-24E 15 |
| 43-037-30054-00-00 | PATARA OIL & GAS LLC | LISBON B-84 | Shut-In | Oil Well | LISBON | SAN JUAN | NESW | 4 | 30S-24E 16 |
| 43-037-30082-00-00 | PATARA OIL & GAS LLC | LISBON B-814 | Active | Water Disposal Well | LISBON | SAN JUAN | NESW | 14 | 30S-24E 17 |
| 43-037-30317-00-00 | PATARA OIL & GAS LLC | FEDERAL 15-25 | Shut-In | Gas Well | WILSON CANYON | SAN JUAN | SWSE | 25 | 29S-23E 18 |
| 43-037-30693-00-00 | PATARA OIL & GAS LLC | LISBON C-99 | Shut-In | Oil Well | LISBON | SAN JUAN | SWSE | 9 | 30S-24E 19 |
| 43-037-30694-00-00 | PATARA OIL & GAS LLC | LISBON U D-610 | Shut-In | Gas Well | LISBON | SAN JUAN | NENE | 10 | 30S-24E 20 |
| 43-037-30695-00-00 | PATARA OIL & GAS LLC | LISBON B-94 | Shut-In | Oil Well | LISBON | SAN JUAN | SESW | 4 | 30S-24E 21 |
| 43-037-31014-00-00 | PATARA OIL & GAS LLC | LISBON UNIT A-911 | Producing | Gas Well | LISBON | SAN JUAN | SWSW | 11 | 30S-24E 22 |
| 43-037-31034-00-00 | PATARA OIL & GAS LLC | LISBON UNIT D-716 | Shut-In | Oil Well | LISBON | SAN JUAN | SENE | 16 | 30S-24E 23 |
| 43-037-31323-00-00 | PATARA OIL & GAS LLC | LISBON C-910 | Shut-In | Oil Well | LISBON | SAN JUAN | SWSE | 10 | 30S-24E 24 |
| 43-037-31351-00-00 | PATARA OIL & GAS LLC | LISBON B-614A | Shut-In | Oil Well | LISBON | SAN JUAN | NENW | 14 | 30S-24E 25 |
| 43-037-31433-00-00 | PATARA OIL & GAS LLC | LISBON B-810 | Producing | Oil Well | LISBON | SAN JUAN | NESW | 10 | 30S-24E 26 |

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| 43-037-31829-00-00 | PATARA OIL & GAS LLC | BIG INDIAN 35-24 | Shut-In | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SENE | 35 | 29S-24E 7 |
| 43-037-31831-00-00 | PATARA OIL & GAS LLC | BULL HORN U 10-43 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SWSE | 10 | 30S-25E 8 |
| 43-037-31838-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA ST 36-14-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NENE | 36 | 29S-24E 9 |
| 43-037-31843-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 9-14-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NENE | 9 | 30S-25E 30 |
| 43-037-31848-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 15-14-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NENE | 15 | 30S-25E 1 |
| 43-037-31849-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 10-21-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NWSW | 10 | 30S-25E 2 |
| 43-037-31850-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 14-21-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SWNW | 14 | 30S-25E 3 |
| 43-037-31853-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 5-6-30-25 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | LOT6 | 5 | 30S-25E 4 |
| 43-037-31854-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 31-31-29-25 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NWSW | 31 | 29S-25E 5 |
| 43-037-31855-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA ST 36-12-29-24 | Shut-In | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NENW | 36 | 29S-24E 6 |
| 43-037-31856-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA ST 36-24-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SENE | 36 | 29S-24E 7 |
| 43-037-31859-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 15-24-30-25 | Shut-In | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SWNW | 14 | 30S-25E 8 |
| 43-037-31860-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 14-42-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SESW | 14 | 30S-25E 9 |
| 43-037-31861-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 10-42-30-25 | Shut-In | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SESW | 10 | 30S-25E 40 |
| 43-037-31864-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 10-31-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NWSW | 10 | 30S-25E 1 |
| 43-037-31877-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA ST 36-12B-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NENW | 36 | 29S-24E 2 |

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| 43-037-31878-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA ST 36-24B-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SENE | 36 | 29S-24E 3 |
| 43-037-31883-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 15-24B-30-25 | Shut-In | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | SWNW | 14 | 30S-25E 4 |
| 43-037-31884-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 23-13B-30-25 | Approved permit (APD); not yet spudded | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NWNE | 23 | 30S-25E 5 |
| 43-037-31885-00-00 | PATARA OIL & GAS LLC | BIG INDIAN FED 23-13-30-25 | Approved permit (APD); not yet spudded | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NWNE | 23 | 30S-25E 6 |
| 43-037-31891-00-00 | PATARA OIL & GAS LLC | BULL HORN FED 15-13-30-25 | Producing | Gas Well | BIG INDIAN (HERMOSA) | SAN JUAN | NENE | 15 | 30S-25E 7 |
| 43-037-31893-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 30-41-29-25 | Approved permit (APD); not yet spudded | Gas Well | UNDESIGNATED | SAN JUAN | SWSW | 30 | 29S-25E 8 |
| 43-037-31897-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 5-10-30-25 | Spudded (Drilling commenced: Not yet completed) | Gas Well | SOUTH PINE RIDGE | SAN JUAN | LT10 | 5 | 30S-25E 9 |
| 43-037-31901-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 25-43-29-24 | Approved permit (APD); not yet spudded | Gas Well | UNDESIGNATED | SAN JUAN | SWSE | 25 | 29S-24E 10 |
| 43-037-31902-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 25-41-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SWSW | 25 | 29S-24E 1 |
| 43-037-31903-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 25-31-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NWSW | 25 | 29S-24E 2 |
| 43-037-31904-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 26-34-29-24 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NESW | 26 | 29S-24E 3 |

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| 43-037-31905-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 26-23-29-24 | Approved permit (APD); not yet spudded | Gas Well | UNDESIGNATED | SAN JUAN | SWNE | 26 | 29S-24E 4 |
| 43-037-31906-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 31-44-29-25 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SESE | 31 | 29S-25E 5 |
| 43-037-31907-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 31-33-29-25 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NWSE | 31 | 29S-25E 4 |
| 43-037-31909-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 31-22-29-25 | Approved permit (APD); not yet spudded | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SENW | 31 | 29S-25E 7 |
| 43-037-31910-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 31-11-29-25 | Approved permit (APD); not yet spudded | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NWNW | 31 | 29S-25E 8 |
| 43-037-50008-00-00 | PATARA OIL & GAS LLC | CISCO STATE 36-13 | Temporarily-Abandoned | Gas Well | WILDCAT | SAN JUAN | NWNE | 36 | 31S-24E 9 |
| 43-037-50010-00-00 | PATARA OIL & GAS LLC | MIDDLE MESA FED 4-20-30-25 | Producing | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SWNW | 4 | 30S-25E 60 |
| 43-037-50012-00-00 | PATARA OIL & GAS LLC | Lisbon 11-32MC | Returned APD (Unapproved) | Oil Well | UNDESIGNATED | SAN JUAN | SWNE | 11 | 30S-24E 1 |
| 43-037-50013-00-00 | PATARA OIL & GAS LLC | Lisbon 14-11MC | Approved permit (APD); not yet spudded | Oil Well | LISBON | SAN JUAN | NWNW | 14 | 30S-24E 2 |
| 43-037-50014-00-00 | PATARA OIL & GAS LLC | Lisbon 10-44MC | Approved permit (APD); not yet spudded | Oil Well | LISBON | SAN JUAN | NWNW | 14 | 30S-24E 3 |

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| 43-037-50015-00-00 | PATARA OIL & GAS LLC | Lisbon 3-32MC | Approved permit (APD); not yet spudded | Oil Well | LISBON | SAN JUAN | NESE | 4 | 30S-24E | 4 |
| 43-037-50016-00-00 | PATARA OIL & GAS LLC | Lisbon 11-33MC | Approved permit (APD); not yet spudded | Oil Well | LISBON | SAN JUAN | NENW | 14 | 30S-24E | 5 |
| 43-037-50017-00-00 | PATARA OIL & GAS LLC | Lisbon 11-21MC | Approved permit (APD); not yet spudded | Gas Well | LISBON | SAN JUAN | NWSE | 10 | 30S-24E | 6 |
| 43-037-50018-00-00 | PATARA OIL & GAS LLC | Lisbon 3-43MC | Approved permit (APD); not yet spudded | Oil Well | LISBON | SAN JUAN | SESE | 3 | 30S-24E | 7 |
| 43-037-50019-00-00 | PATARA OIL & GAS LLC | Lisbon 10-33MC | Spudded (Drilling commenced: Not yet completed) | Oil Well | LISBON | SAN JUAN | NWSE | 10 | 30S-24E | 8 |
| 43-037-50021-00-00 | PATARA OIL & GAS LLC | Middle Mesa Fed 31-42-29-25 | Approved permit (APD); not yet spudded | Gas Well | SOUTH PINE RIDGE | SAN JUAN | SESW | 31 | 29S-25E | 9 |
| 43-037-50026-00-00 | PATARA OIL & GAS LLC | Middle Mesa Federal 5-8-30-25 | Approved permit (APD); not yet spudded | Gas Well | SOUTH PINE RIDGE | SAN JUAN | NENE | 5 | 30S-25E | 10 |