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JUN 11 1987

DIVISION OF
OIL, GAS & MINING

June 1, 1987

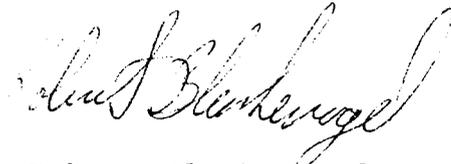
RECEIVED

JUN 4 1987

WATER RIGHTS
PRICE

Rattle Snake Ranch hereby authorizes Dalgarno Transport to
haul water for ^{Union Oil Co.} ~~La Sal Oil~~ company's project in Lisbon Valley
C-910, from our ditch crossing under the Rio Algom road.
permit #838-05-570

signed



Robert Blankenagel

305 24E S-10 SWSE / API - 43-037-31323-Pow

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

9. WELL NO.
B-614A

10. FIELD AND POOL, OR WILDCAT
✓ Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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 requirements.)
At surface
300' FNL & 2434' FWL (NE NW)
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 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)
300'

16. NO. OF ACRES IN LEASE
1240

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
700'

19. PROPOSED DEPTH
9,600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6830' GR (Ungraded)

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

23. PROPOSED CASING AND CEMENTING PROGRAM					Expected
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Cmt. Top
17-1/2"	13-3/8"	48#	50'	10 sx	Surface
12-1/4"	9-5/8"	36#	1000'	±435 sx	Surface
8-3/4"	5-1/2"	17#	9600'	±865 sx	3950'

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 8-3/4" hole to approximate total depth of 9,600'. 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.

Note: Bond No. B-73310

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

24. SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 9-18-87

(This space for Federal or State office use)

PERMIT NO. 43-037-31351 APPROVAL DATE 9-18-87

APPROVED BY John R. Bay TITLE District Drilling Supt.

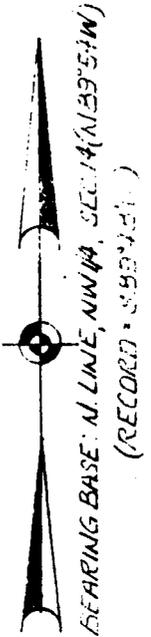
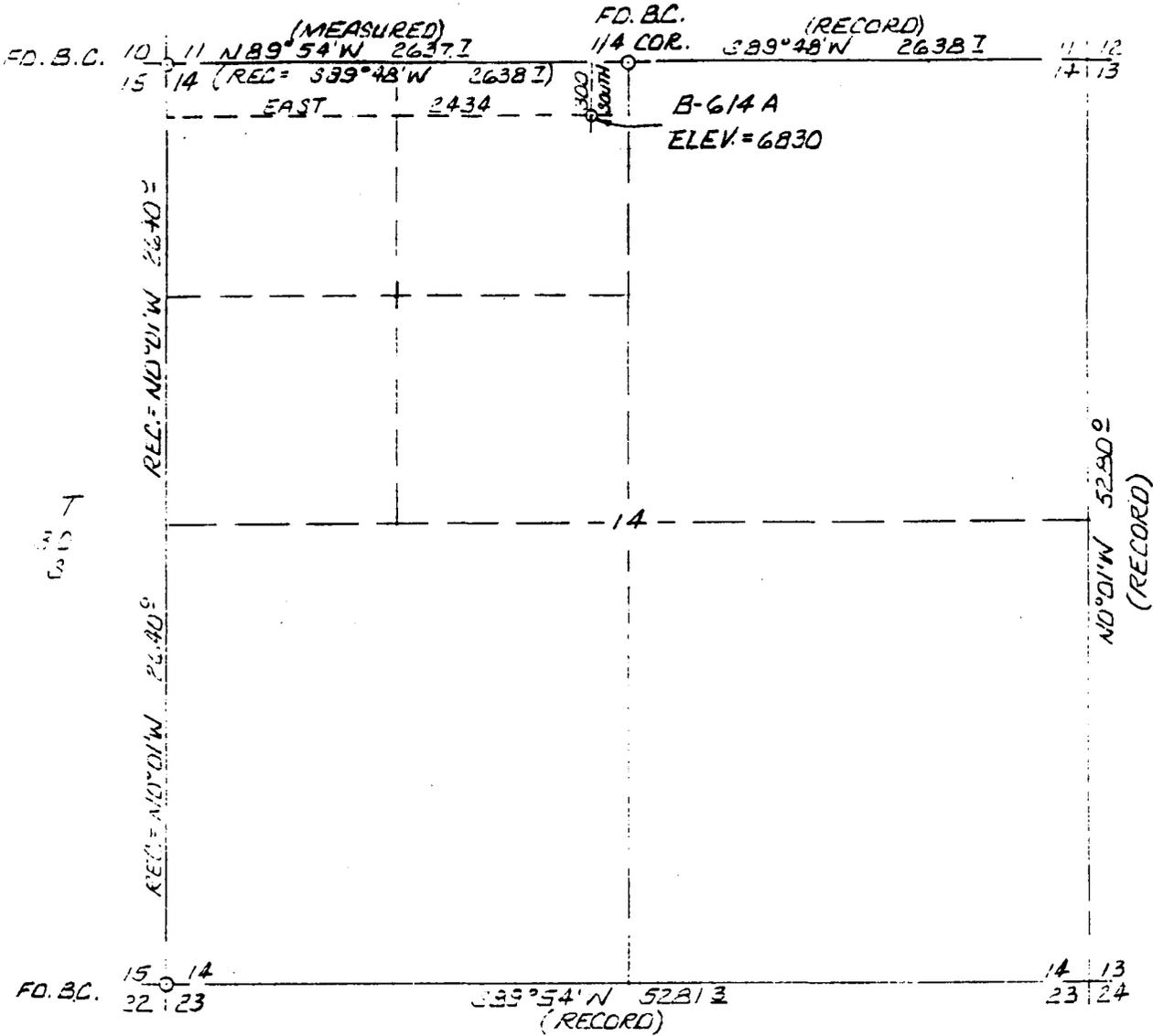
CONDITIONS OF APPROVAL, IF ANY:

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

DATE 9-18-87
WELL SPACING: R/L-3-3

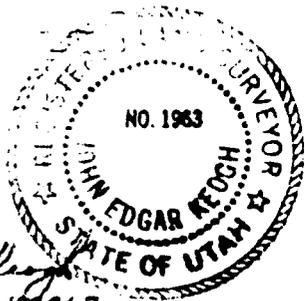
*See Instructions On Reverse Side

R. 24 E.



WELL LOCATION PLAT OF
 FEDERAL B-614A IN
 NE 1/4 NW 1/4, SEC. 14, T. 30 S, R. 24 E, S. L. B. & M,
 SAN JUAN COUNTY, UTAH
 TRANSIT & EDM. SURVEY
 FOR: UNION OIL COMPANY OF CALIF.
 SCALE: 1" = 1000' SEPTEMBER, 1985

ELEV. BY VERTICAL ANGLE FROM U.S.G.S.
 T.O.F.O. QUAD. "HATCH ROCK, UTAH" 1954
 (N.W. CORNER SEC. 14 = 6450)



John E. Kedch
 UTAH R.L.S. NO. 1963

Unocal Oil & Gas Division
Unocal Corporation
900 Werner Court, P.O. Box 2620
Casper, Wyoming 82602-2620
Telephone (307) 234-1563

UNOCAL 76

September 18, 1987

RECEIVED
SEP. 28 1987
DIVISION OF OIL
GAS & LEASING

Oil & Gas Conservation Commission
State of Utah
355 W. North Temple
3 Triad Center - Ste. 350
Salt Lake City, UT 84180-1203

Attn: Ron Firth, Director

Re: Spacing Exception
Proposed Lisbon Well No. B-614A
Lisbon Field
San Juan County, Utah
(Lease No. SL-070008-A)

Gentlemen:

It is requested that, for topographic reasons, a spacing exception be granted for the proposed Lisbon Well No. B-614A in the Lisbon Field, San Juan County, Utah. The proposed location is 300' FNL & 2434' FWL of Section 14, T.30S., R.24E. In order to have a legal location, it would be necessary to move the location 200 feet to the south. This is not possible due to very steep surface dips and a cliff south of the proposed location. Acreage north and south of the section line is on the same federal lease, SL-070008-A; and therefore, both royalty and working interests are the same. Union Oil Company of California is the only working interest owner in this lease, which covers Section 11 and Section 14 along with other lands. The U.S. Government is the sole royalty owner.

We are enclosing three copies of our Application for Permit to Drill for Lisbon Well No. B-614A.

Very truly yours,

Union Oil Company of California



R. G. Ladd, Jr.
District Drilling Superintendent

RGL:pd
Enclosure
cc: BLM-Moab

UNION OIL COMPANY OF CALIFORNIA

Lisbon Well No. B-614A
Sec. 14, T.30S., R.24E
San Juan County, Utah

A. DRILLING PROGRAM

1. Surface Formation: Wingate

Estimated Tops of Geological Markers:

Ground Elevation - 6,830' (Ungraded)

<u>Formation</u>	<u>Depth Below G.L.</u>
Hermosa Group	2,235'
La Sal	3,390'
Paradox	4,060'
Paradox Salt	4,435'
Base of Salt	7,960'
Redwall	8,260'
Ouray	8,610'
Elbert	8,735'
McCracken	8,850'
Aneth	8,940'
Lynch	9,020'
Ophir	9,370'
Total Depth	9,600'

2. Estimated Depth at Which Oil, Gas, Water or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Top</u>	<u>Bottom</u>
<u>Expected Oil Zones:</u>	Hermosa Group	2,235'	4,060'
	Elbert	8,735'	8,850'
	McCracken	8,850'	8,940'
	Lynch	9,020'	9,370'
<u>Expected Gas Zones:</u>	Redwall	8,260'	8,610'
	Lynch	9,020'	9,370'

Expected Water Zones:

May encounter water flows from surface to 4,060'.

Expected Mineral Zone: Paradox (Potash) 4,060'

3. Pressure Control BOP's: (See Attachment Nos. 1, 2, and 3)

Wellhead:

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

3. Pressure Control BOP's - Continued:

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" @ 9600'

(Mud Wt. 10.3 ppg)

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>New/Used</u>
0-9600'	5-1/2"	17#	L-80/SS-95 & K-55	LT&C	New

Note: Cement top for production casing will cover the Potash zone in the Paradox formation (estimated cement top is 3950').

Minimum Safety Factors

Collapse: 1.125

Tension: 1.8

Burst: 1.0

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.
1000-4250'	Fresh Mud	9.6	40	10
4250'-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: None

Logging: A Dual Laterolog-MSFL will be run from bottom of surface casing to T.D.

LDT-CNL-NGT and Caliper will be run from bottom of surface casing to 4,450' and from 7,900' to T.D.

A Cyberlook will be run in selected zones.

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.

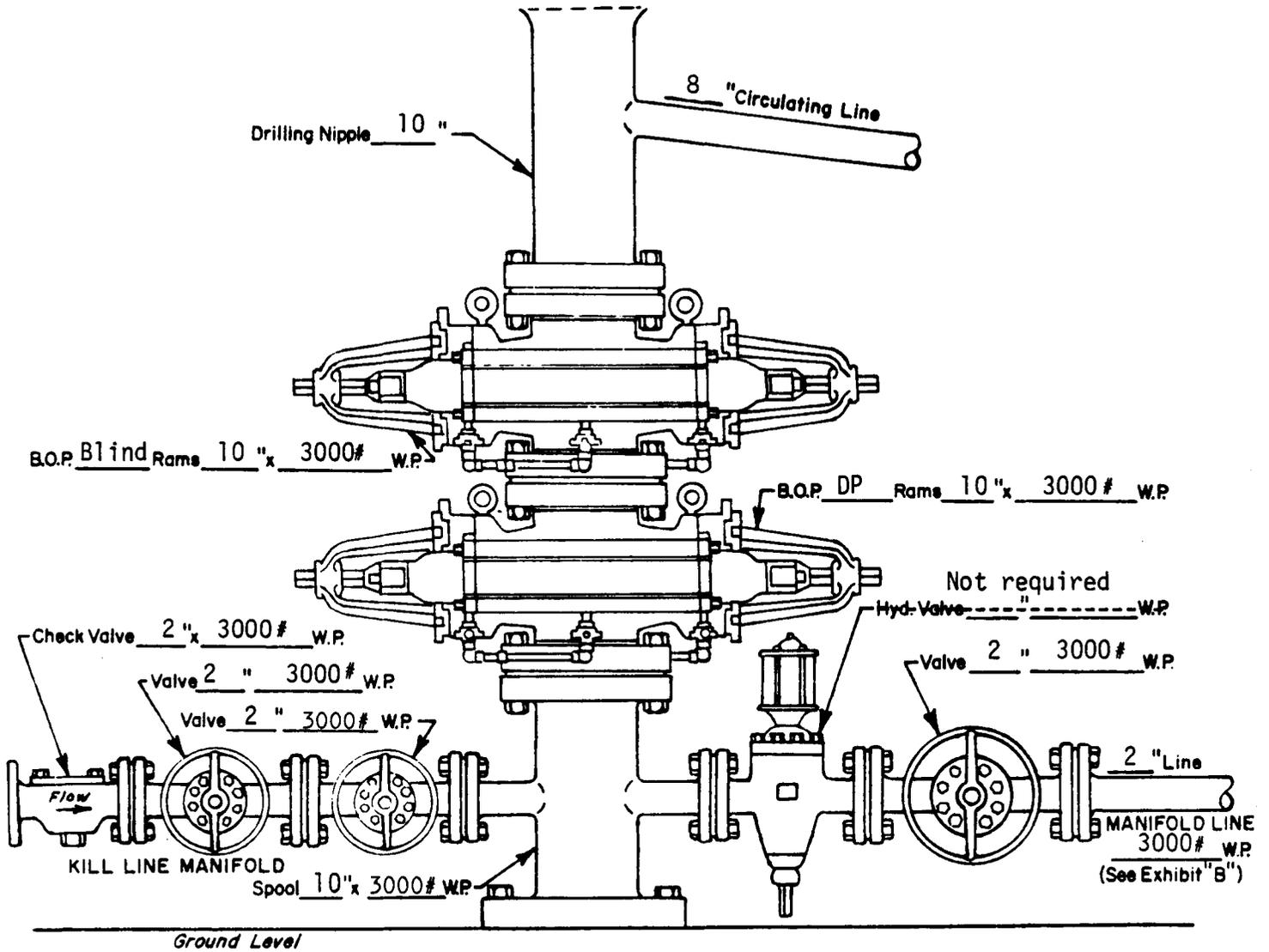
7. Abnormal Pressures, Temperatures, Potential Hazards:

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.

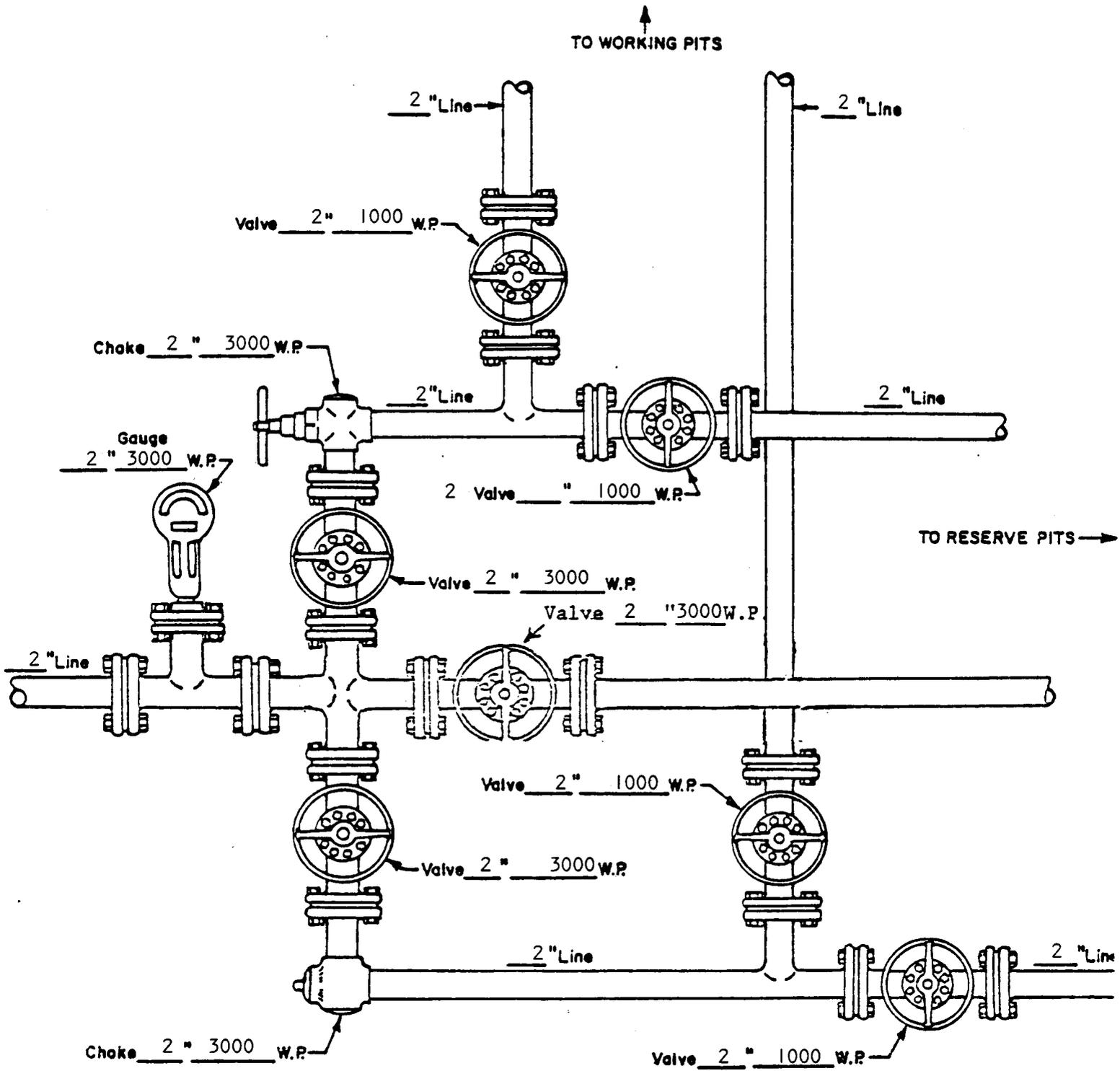
LISBON WELL NO. B-614A
 San Juan County, Utah



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

- Manual
- Hydraulic

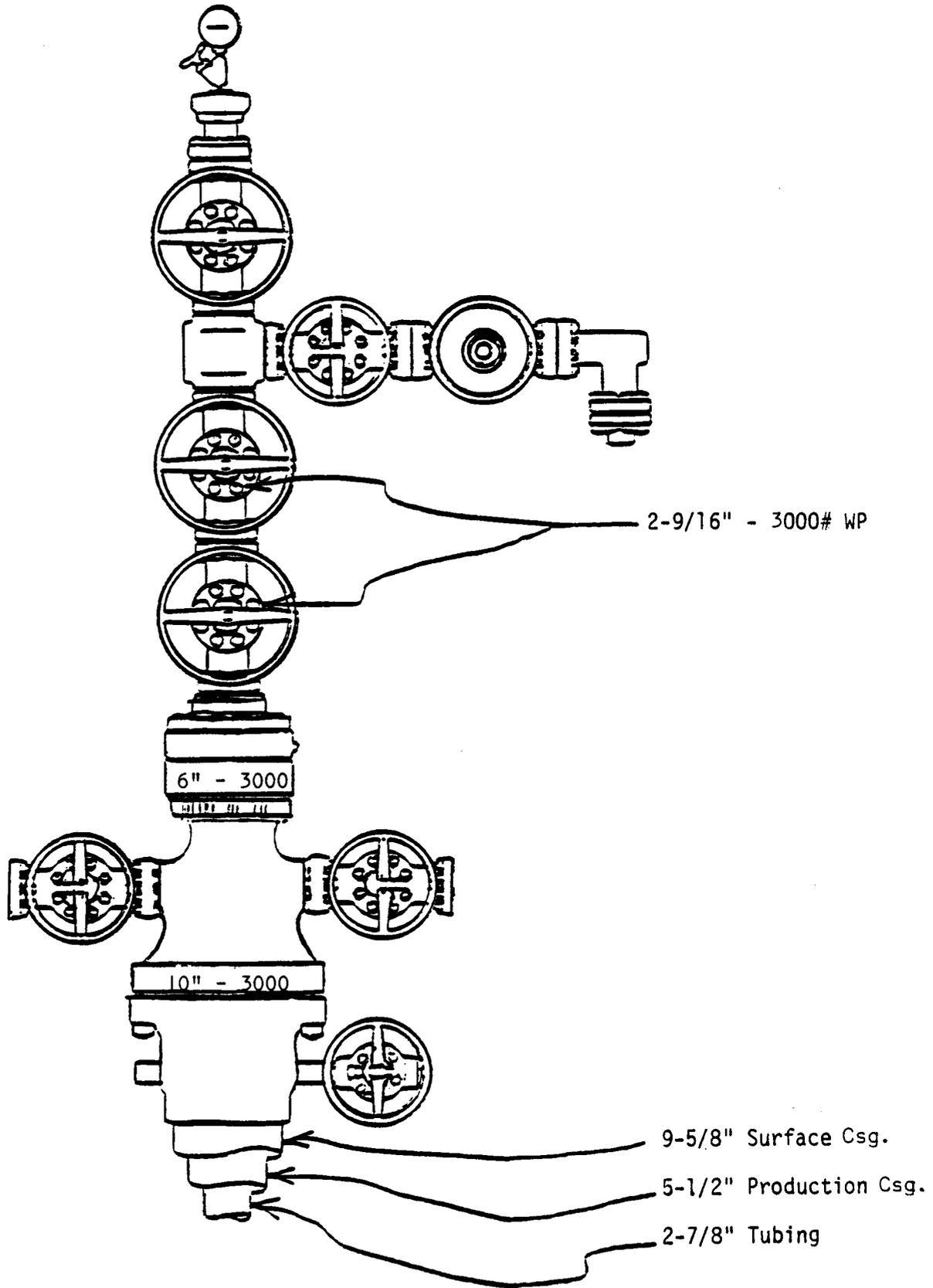
Lisbon Well No. B-614A
San Juan County, Utah



MANIFOLD
3000 *W.P.

- Manuel
- Hydraulic

LISBON WELL NO. B-614A
San Juan County, Utah



UNION OIL COMPANY OF CALIFORNIA

Lisbon Well No. B-614A
Sec. 14, T.30S., R.24E.
San Juan County, Utah

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a. The proposed well is approximately 37 miles south and east of Moab, Utah. The well site as staked is shown on the surveyor's plat. Four directional reference points have been staked.
- b. From Moab, Utah, proceed 30 miles south on Highway No. 163 and turn left on the Lisbon Industrial Park Road. Proceed five miles east on blacktop to junction at the Union 76 sign and continue east and south for 0.9 mile to the bottom of the canyon that leads to the Big Buck Mine. Continue straight across a dry wash, then turn left and go 1.2 miles on a lease road going up the south side of the canyon wall to an existing production pad. On a new access road to the location site, proceed 1000' north and east, then turn left and go 300' south and west to the location.
- c. A 1300' long new access road will be required from the existing lease road to the well site. (See Attachment No. 4)
- d. Existing roads are shown on Attachment No. 4.
- e. The existing county road will be maintained at a standard equal to or better than the condition of the road prior to the start of operations, weather conditions permitting. At the conclusion of drilling and completion operations, the road will be repaired and restored to a standard equal to or better than the condition at the start of operations.
- f. An encroachment permit will be applied for with the San Juan County Road Department.
- g. Signs will be posted at the mouth and head of the canyon, warning of possible heavy truck traffic.

2. Planned Access Roads:

- a. Width: 30' (total disturbed)
- b. Maximum Grade: 13%
- c. No turnouts will be required.
- d. Location: Approximate length will be 1300', running from the northeast corner of the location to the northeast for 300', then turning southwest and running 1000' to the existing lease road.
- e. Drainage: The new access road will cross one dry stream bed. One 60" culvert will be required. (See Attachment No. 4)

2. Planned Access Roads - Continued:

- f. Topsoil will be removed and stockpiled before work begins on building the access road. If the well is productive, the access road will be upgraded to a permanent road; otherwise the access road will be rehabilitated within sixty (60) days of dismantling the drilling rig. The access road will be designed for 15 mph speed. Additionally, the road will have a crown with a 2 per cent slope to the sides, and embankments will have a 3:1 slope.

3. Location of Existing Wells:

Attachment No. 5 shows producing wells, water wells and abandoned wells within one mile of Lisbon Well No. B-614A.

- | | |
|-------------------------------------|--------------------------|
| (1) Water Wells - 0 | (6) Producing Wells - 7 |
| (2) Abandoned Wells - 3 | (7) Shut-In Wells - 0 |
| (3) Temporarily Abandoned Wells - 0 | (8) Injection Wells - 2 |
| (4) Disposal Wells - 0 | (9) Monitoring Wells - 0 |
| (5) Drilling Wells - 0 | |

4. Location of Existing and/or Proposed Facilities: (See Attachment No. 5)

- a. (1) Tank Batteries: 1
(2) Production Facilities: 0
(3) Oil Gathering Lines: 6 steel flow lines
(4) Gas Gathering Lines: 1 steel flow line
(5) Injection Lines: 2 steel gas lines
(6) Disposal Lines: 0
(7) Nitrogen Plants: 0
- b. (1) All permanent production facilities will be painted one of the following colors: Largo Red, Brush Brown, or Desert Brown
- (2) The production pad will be 320' x 200'. (See Attachment No. 6)
- (3) No outside construction materials should be necessary.
- (4) All equipment will either be fenced or have metal guards in place. One emergency pit will be required. It will be fenced.
- (5) A 3500', 6" gas gathering line to the main gathering line is proposed. This is shown on Attachment Nos. 5 and 6. The tank battery will be surrounded by a dike sufficient to hold 1-1/2 times the capacity of the storage tanks.
- (6) All site security regulations will be adhered to.

4. Location of Existing and/or Proposed Facilities - Continued:

(See Attachment No. 6)

c. Plan for rehabilitation of disturbed areas no longer needed for operations after construction is complete:

(1) The reserve pit will be fenced. When the reserve pit is dry, the pit will be backfilled and the fence will be removed.

(2) The area of the drill site not needed for production operations, including the reserve pit, will be recontoured to the natural level. The topsoil will be redistributed and will be reseeded with a recommended BLM seed mixture as follows:

<u>Species</u>		<u>lbs/acre</u>
<u>Grasses</u>		
Agropyron Spicatum	Bluebunch Wheatgrass	1
Hilaria Jamesii	Galleta (Gurlygrass)	1
Oryzopsis Hymenoides	Indian Ricegrass	1
<u>Forbs</u>		
Melilotus Officinalis	Yellow Sweetclover	1/2
Medicago Sativa	Alfalfa (Spreador II, Nomad, Ladak)	1/2
<u>Shrubs</u>		
Eurotia Lanata	Winterfat (Whitesage)	<u>2</u>
		6 lbs/acre

(Broadcast seed will be applied at double the above rate.)

Note

The BLM, Grand Resource Area, will be notified at (801) 259-6111 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

5. Location and Type of Water Supply:

- a. The well will be drilled with fresh water from a commercial pond 6-1/2 miles from the location and salt brine water from the Moab Brine Company.
- b. The water will be hauled by truck to the location along the existing road.
- c. No water well is proposed.

6. Source of Construction Materials:

- a. The proposed location will utilize soil material which is on the location. No construction materials will be needed.
- b. Topsoil from the location and the access road will be stockpiled at the wellsite for restoration purposes. The soil material will be obtained from the immediate area of the drilling operations and will be used to fill in the low areas. (See Attachment No. 8)

7. Methods for Handling Waste Disposal:

- a. The reserve pit will not be lined. Cuttings will be buried in the reserve pit. Prior to drilling, the reserve pit will be fenced on three sides with four strands of barbed wire.
- b. Drilling fluids will be disposed of in the reserve pit. The water will be allowed to evaporate and the remaining solids will be buried.
- c. In the event of a producing well, produced fluids will be handled in a tank battery on the location. Produced water will be disposed of in accordance with NTL-2B.
- d. Chemical toilets will be utilized.
- e. Garbage and other waste material will be disposed of in a portable trash cage which will be completely enclosed with small mesh wire. The trash will be hauled to an approved landfill or incinerated off-site.
- f. If burning is required, a burning permit will be obtained from the State Fire Warden, John Baker - Telephone No. 801-587-2705.
- g. When the rig moves out, all extraneous material will be disposed of as garbage or hauled to town. When the pits have dried, they will be backfilled and recontoured.

8. Ancillary Facilities:

No camps or airstrips will be needed.

9. Well Site Layout: (See Attachment Nos. 7, 8, and 9)

- a. Maximum cut will be 16-1/2'. Maximum fill will be 15-1/2'. Depending on the size of the drilling rig, the well site dimensions will be reduced and therefore the maximum cut will be reduced.
- b. No living facilities will be installed; however, two trailer houses will be on location for company personnel.
- c. The pits will not be lined.

10. Plans for Restoration of Surface: (See Attachment No. 6)

a. Backfilling, leveling, contouring, and waste disposal:

After the reserve pit is dry, the pits and unused portion of the location will be backfilled, leveled, and contoured to the natural level. The topsoil will be redistributed over the area.

b. Revegetation and rehabilitation:

The location will be reseeded with a recommended BLM seed mixture as per BLM specifications.

c. Care of pits prior to rig release:

Prior to rig release, pits will be fenced and so maintained until cleanup.

d. If oil is on the pit, it will be removed.

e. Immediately following the completion of operations, cleanup will commence. As soon as the pit is completely dry, the pit will be filled and cleanup finalized. Seed will be broadcast in the fall of the year.

11. Surface ownership:

The land is federally owned and is administered by the BLM.

12. Other Information:

a. Topography, soil characteristics, geologic features, etc:

The terrain surrounding the location is a semi-arid, desert-type country. The location lies on a high ridge. Cedar, sage,

12. Other Information - Continued:

a. Topography, soil characteristics, etc. - Continued

and desert grasses grow on the rocky, sparse topsoil. The location consists of a solid rock outcrop of sandstone. Rabbits, mule deer, and lizards are typical fauna.

b. Other surface-use activities and surface ownership of all involved lands:

The surface is used for livestock grazing and is administered by the Bureau of Land Management. The land is federally owned.

c. Proximity of water, occupied dwellings, archeological, historical or cultural sites:

There are no reservoirs or flowing streams in the immediate area of this lease. There is a dry stream bed to the south and east of the location. There are no occupied dwellings in the immediate area.

An archeological survey has been made and a copy is attached.

d. The MiVida Mine will be notified if blasting is required while building the location. Contact Mr. Charles Person, Safety Director-Telephone No. 801-259-5904.

13. a. Operator's Field Representative:

Mr. R. G. Ladd, Jr.
Union Oil Company of California
P. O. Box 2620
Casper, WY 82602-2620

Phone - (307) 234-1563

b. Certification:

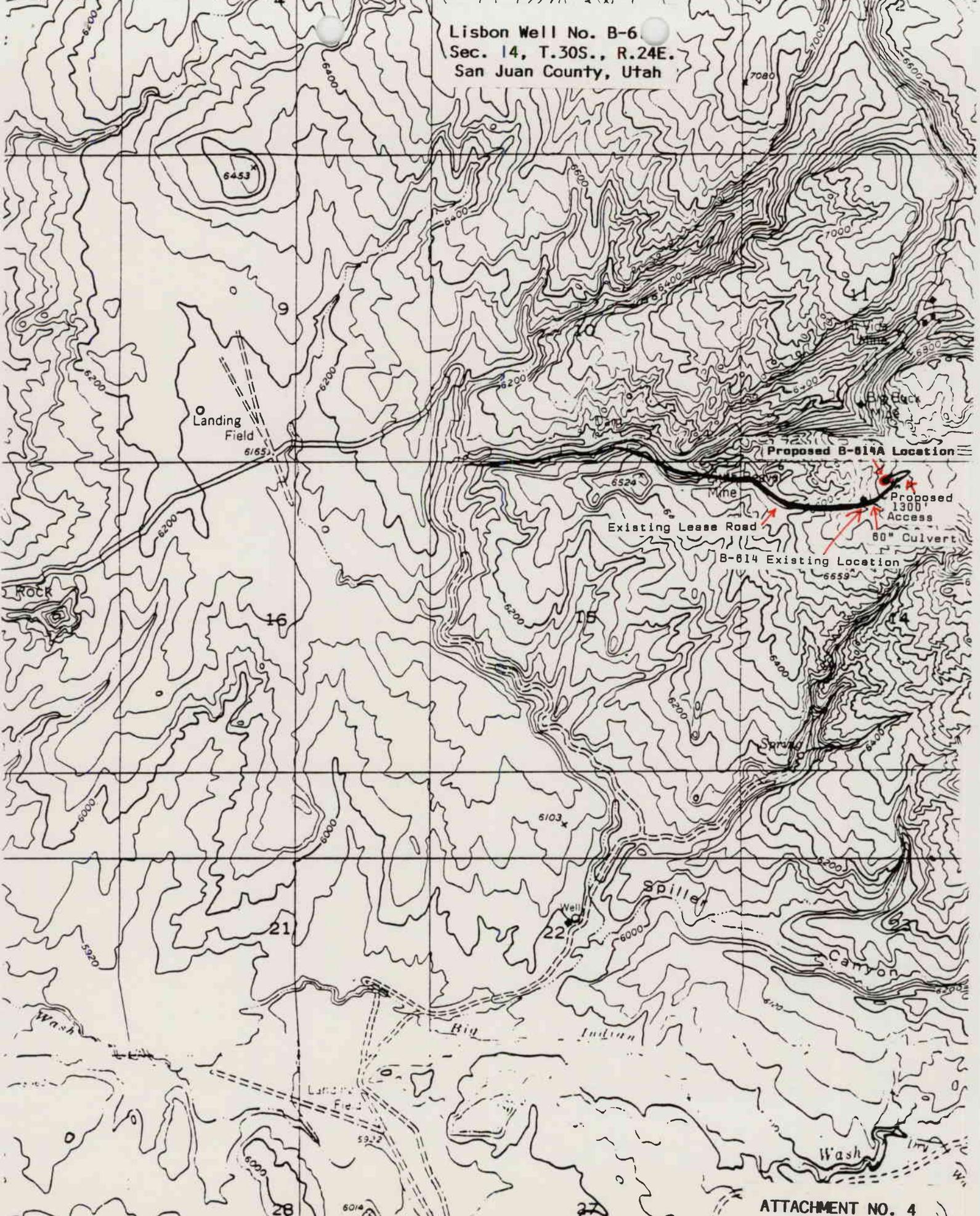
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Union Oil Company of California and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

9-18-87

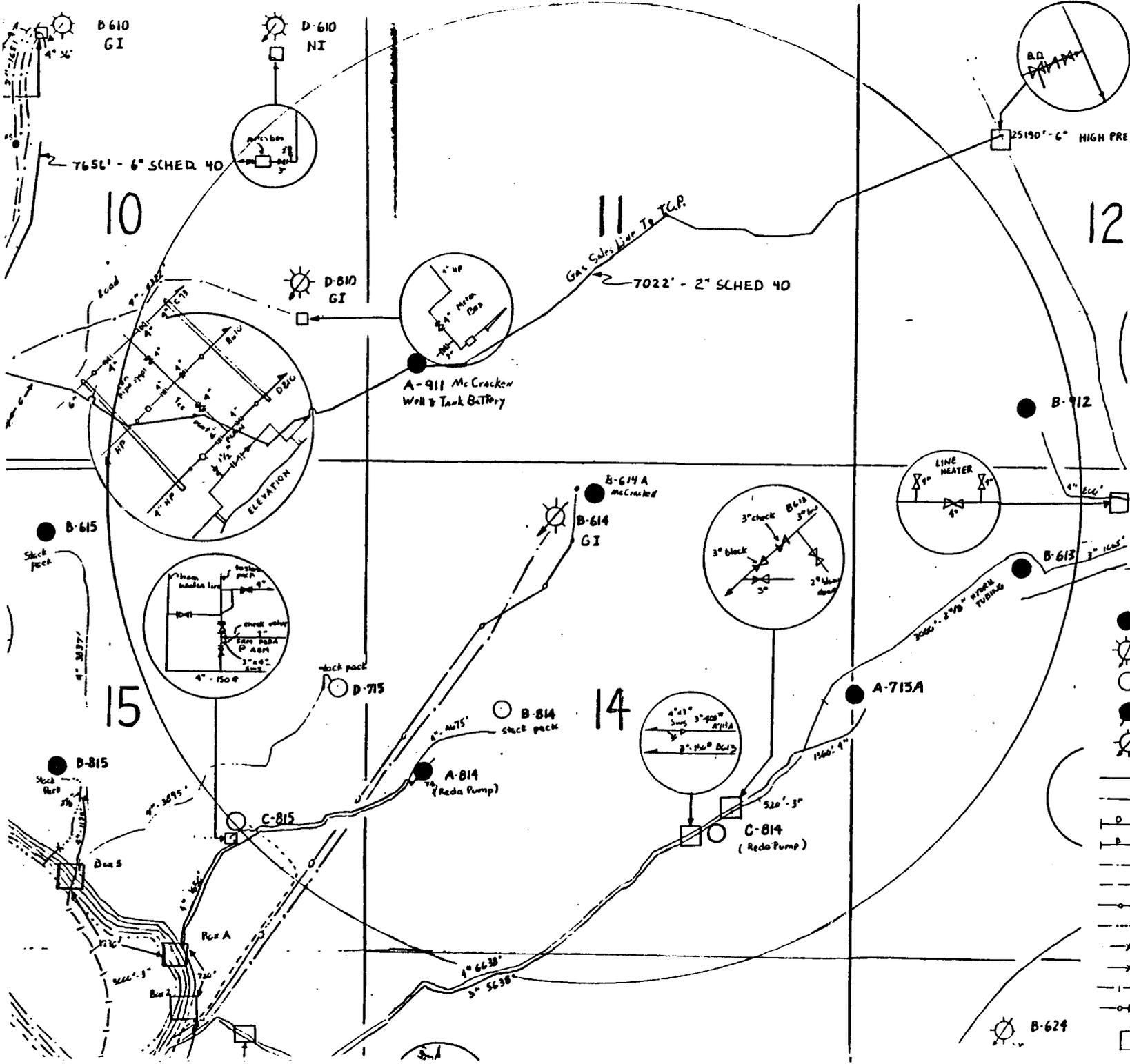
Date


District Drilling Superintendent

0721772 2 6935
Lisbon Well No. B-6
Sec. 14, T.30S., R.24E.
San Juan County, Utah



LISBON WELL
B-614A
San Juan Co.
Utah

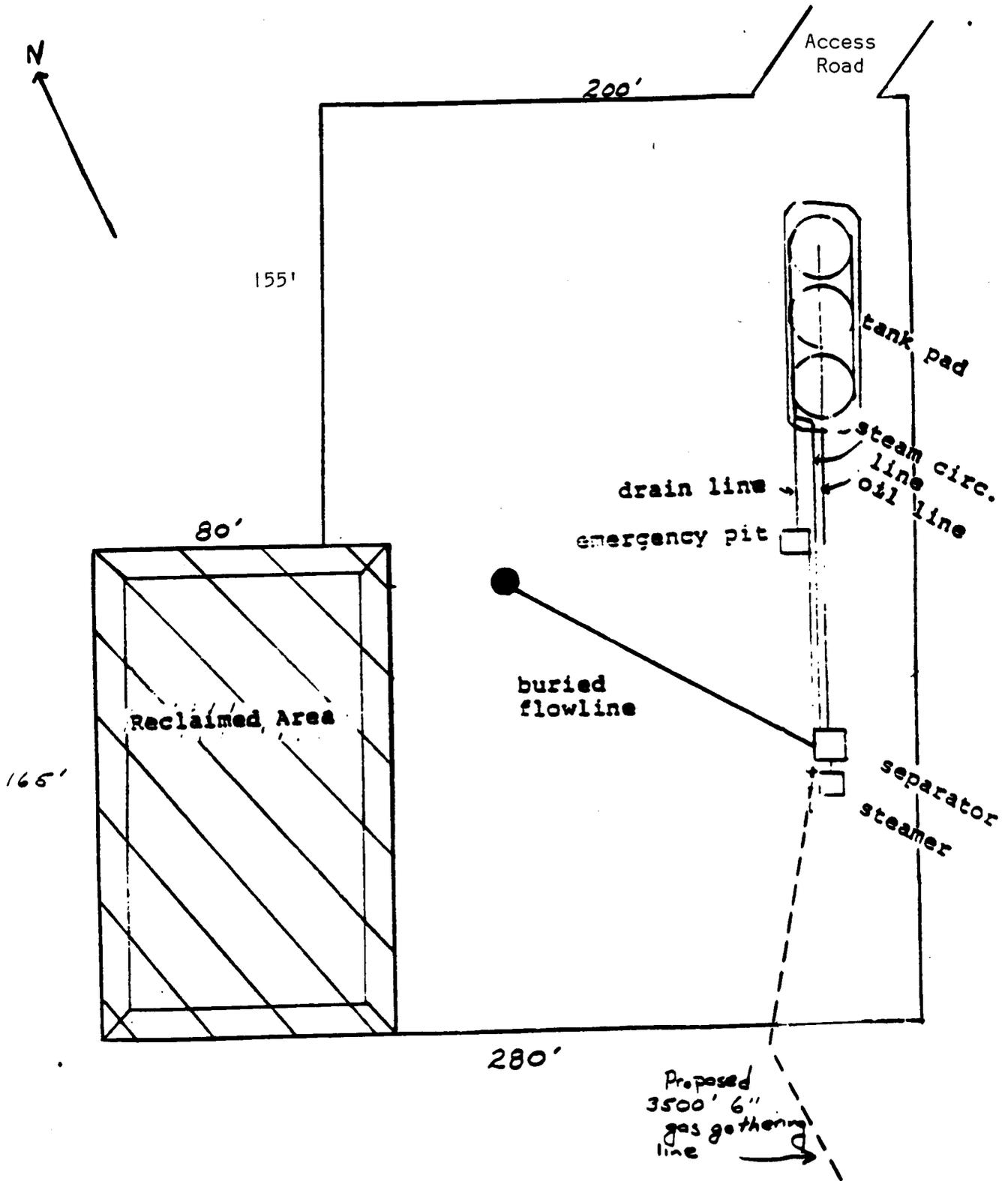


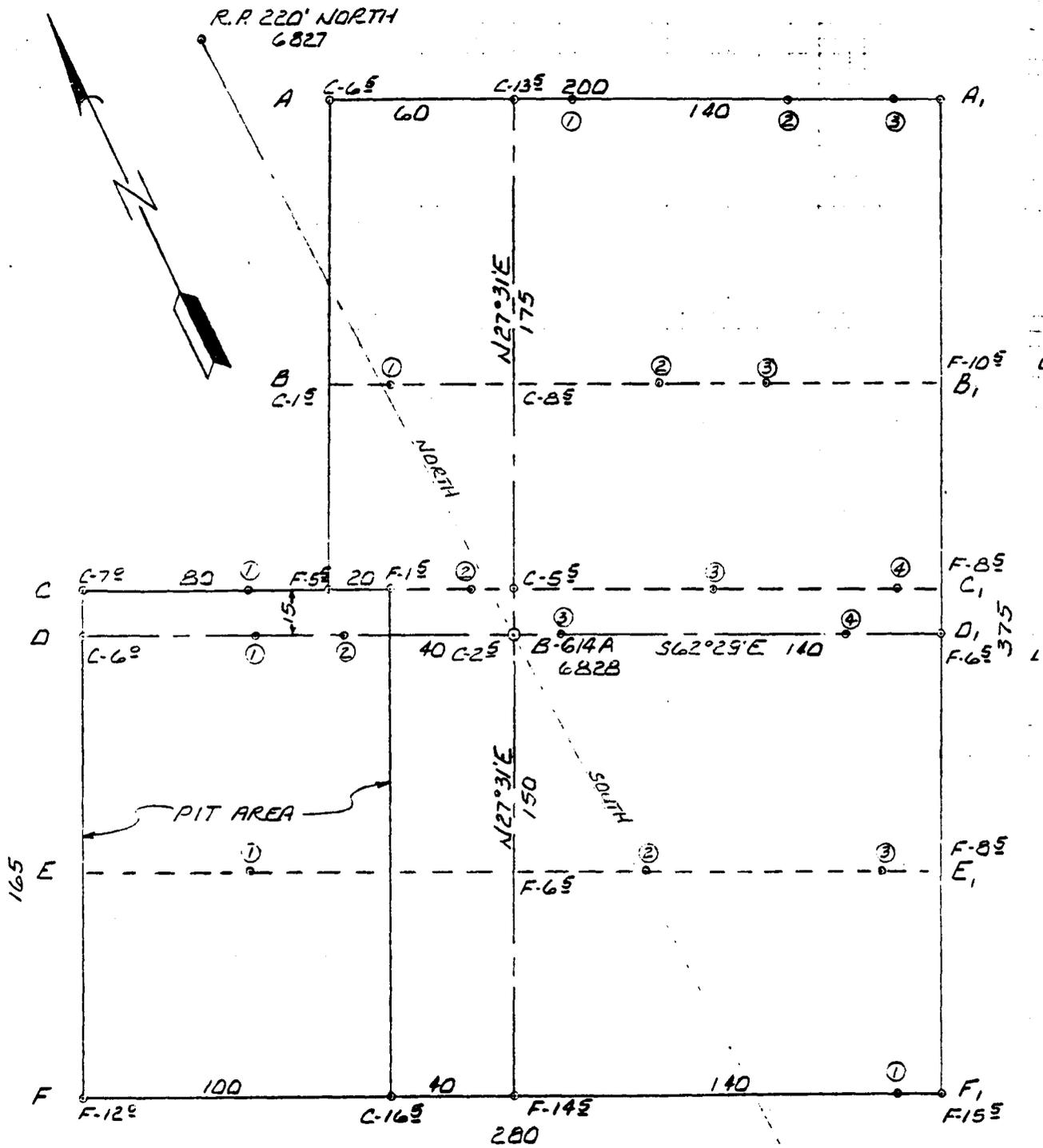
LEGEND

- oil well
- ☀ gas injection well
- shut in oil well
- temporary abandoned oil well
- ⊙ salt water disposal well
- oil and gas gathering lines
- - - gas injection line
- lines above surface
- lines below surface
- - - McCracken flow line
- - - gas lift line
- power line
- - - fuel gas line (above ground)
- x - 2" lateral valves on 2 1/2" lines
- x - 3" lateral valves on 2 1/2" lines
- | - LPG injection lines
- o - nitrogen injection lines
- valve boxes

Lisbon Well No. B-614A
Sec. 14, T.30S., R.24E.
San Juan County, Utah

Production Pad



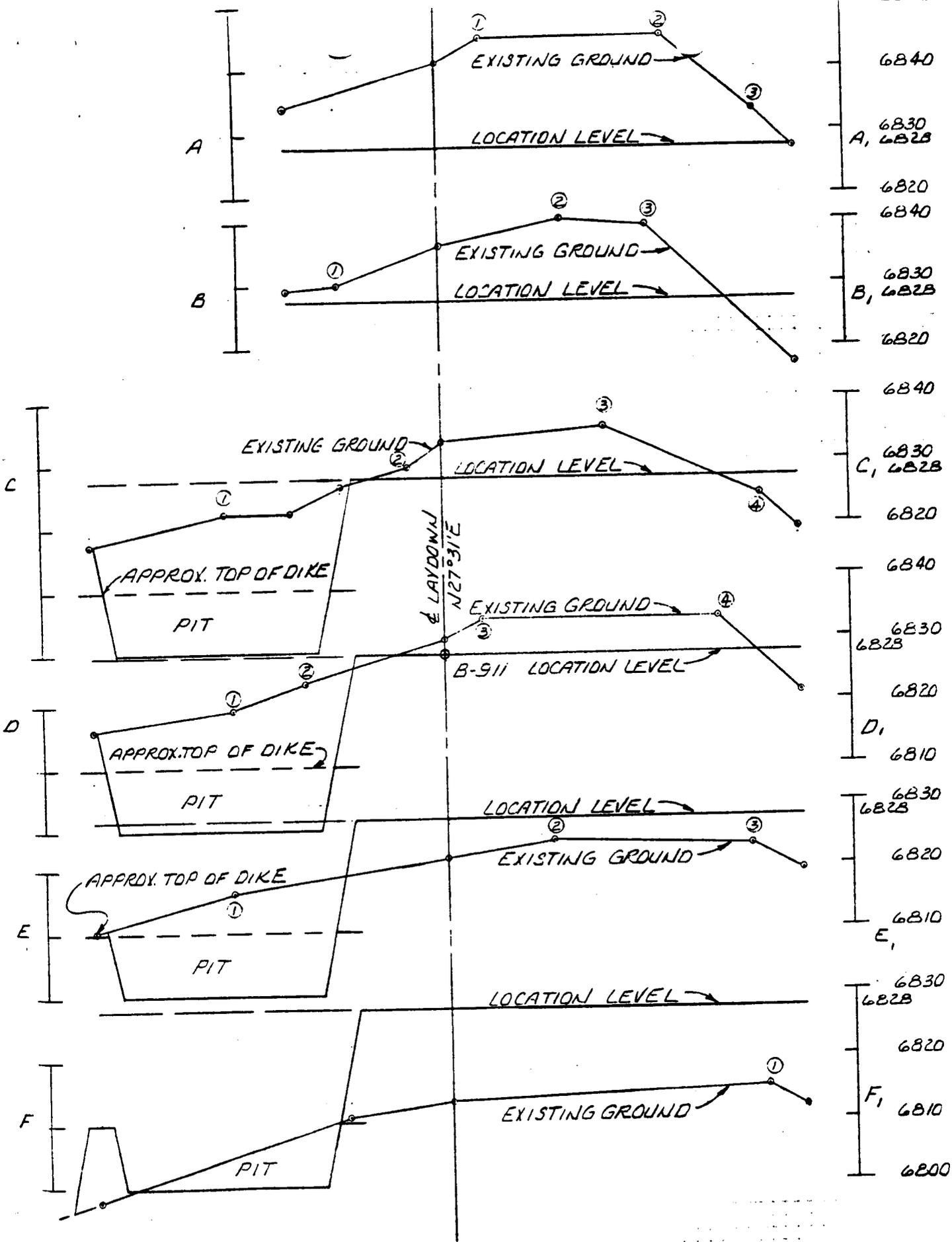


FED. B-614 A WELL LOCATION
 SAN JUAN COUNTY, UTAH
 HOR. SCALE: 1" = 50'
 VERT. SCALE: 1" = 20'
 STADIA SURVEY
 SEPT. 27, 1985

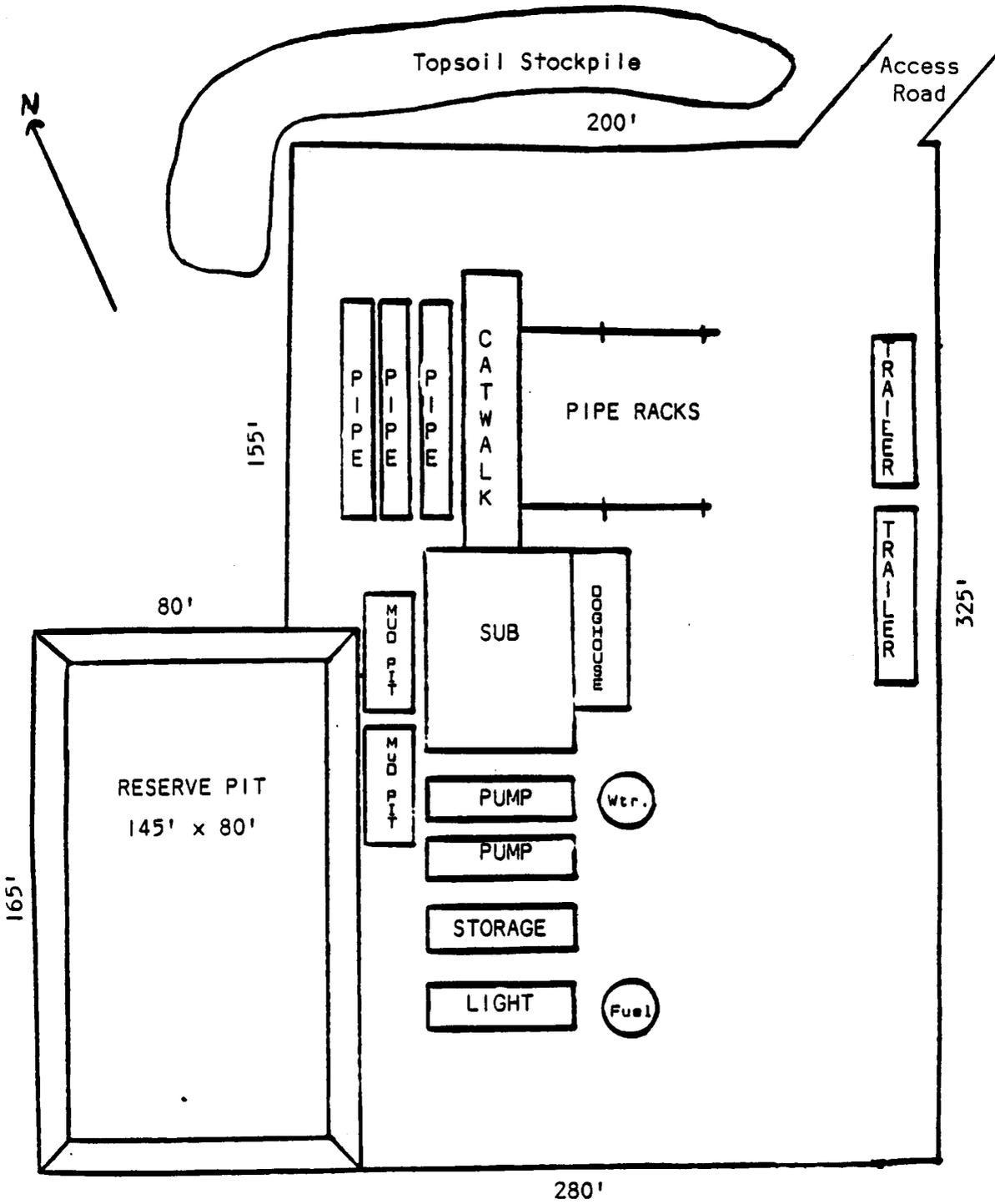
J.E. KEOGH, UTAH R.L.S. 1963

R.P. 220' SOUTH
 6810

ATTACHMENT NO. 7



Wellsite Layout



Scale: 1" = 50'



STANDBY SAFETY SERVICES, INC.

P.O. Box 1407 • Cortez, CO 81321 • (303) 565-6391

H2S CONTINGENCY PLAN

DATE: 9-17-87

WELL NAME: Lisbon Well No. B-614A T.D. 9600'

LOCATION: 300' FNL & 2434' FWL (NE NW), Section 14, T.30S., R.24E.,
San Juan County, Utah

FIELD NAME: Lisbon

H2S FORMATION: Redwall DEPTH: 8260'

CONTRACTOR:

(Unknown) RIG NAME: _____ RIG PHONE: _____

DRILLING SUPERINTENDENTS:

Ralph G. Ladd, Jr. MOBILE PHONE: 307-265-4591 HOME PHONE 307-265-6317

Jim Benson MOBILE PHONE: 307-265-4761 HOME PHONE 307-234-1563

OPERATIONS SUPERINTENDENT:

Lon H. Pardue OFFICE PHONE: 307-234-1563 HOME PHONE: 307-266-5400

DRILLING ENGINEER:

Joe Farley OFFICE PHONE: 307-234-1563 HOME PHONE: 307-234-2512

GEOLOGIST:

Bill Victor OFFICE PHONE: 307-234-1563 HOME PHONE: 307-265-8547

- I. Introduction. H₂S is a toxic, poisonous gas that could cause death or injury. The objective of this contingency plan is to provide an organized plan of action for alerting and protecting the public from H₂S exposure in the event a potentially hazardous volume is accidentally released to the atmosphere. This plan should be activated immediately if any such release occurs. The Drilling Superintendent is responsible for initiating and carrying out the plan.

- II. Individual Responsibilities. It is the responsibility of all personnel on the location to familiarize themselves with the procedures outlined in this contingency plan.
 - A. All personnel:
 1. Responsible for his assigned safety equipment.
 2. Responsible for familiarizing himself with the location of all safety equipment.
 3. Responsible for reporting any indications of H₂S to those in the area and to a supervisor.

 - B. Drilling Superintendent:
 1. Responsible for thoroughly understanding and seeing that all aspects of this contingency plan are enforced.
 2. Responsible for implementing all phases of this contingency plan.
 3. Responsible for keeping a minimum of personnel on the location during expected hazardous operations.
 4. Responsible for coordinating all wellsite operations and communications in the event that an emergency condition develops.
 5. Responsible for ensuring that all visitors receive an H₂S safety orientation. A visitor's log will be maintained as well as a list of all personnel on the location after drilling has progressed to the suspected H₂S formation.
 6. Responsible for notifying the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release.

- III. Location Layout
 - A. The location of at least two pre-determined safe areas to assemble at in the event of an emergency. These locations should be located 180° to one another, and in the direction of the prevailing winds.

The pre-determined safe areas for this well are:

- Area #1: Safety Trailer (Contents: 10-bottle cascade system, 5 work units, 2 rescue units, first-aid kit, fire blanket, eye wash kit, manifold, 1000' air line hose, and flare gun.)
- Area #2: Briefing Area #2 (2 rescue units)

- B. The location and type of all H₂S detectors. One located at the bell nipple, one located at the shale shaker, and a third one on the rig floor. Indicate here any other additional H₂S detector locations for this well:

TYPE: Hand-held detector & tubes LOCATION: Doghouse

Knowledge Box

- C. The location and type of all air masks. Self-contained breathing apparatus for use by rig personnel for this well will be kept in the following locations:

TYPE: Five Escape Units LOCATION: Located on the rig

floor for rig crew, and all permanent personnel will have a unit

assigned to them for their use.

If a cascade system is utilized, indicate the location(s):

TYPE: 10-Bottle Cascade System LOCATION: Safety trailer at

Briefing Area #1.

- D. The location of wind socks or streamers. The wind direction indicators for this well will be located at:

TYPE: Wind Socks LOCATION: One out the "V" door

and one on the mud pits.

- E. The location of any other safety equipment used, such as flare guns or bug blowers:

TYPE: Bug Blower LOCATION: Under the substructure.

B. Proposed mud program.

<u>DEPTH INTERVAL (Ft)</u>	<u>TYPE</u>	<u>WEIGHT (ppg)</u>	<u>FUNNEL VISC. (Sec/Qt)</u>
0-1000'	Fresh	9.2-9.6	45-65
1000-4250'	Fresh	9.6	40-45
4250-T.D.	Salt	10-10.3	40-45
_____	_____	_____	_____
_____	_____	_____	_____

Note: If necessary, approved H₂S scavengers may be used.

C. Special Operations

1. Drill Stem Tests. All drill stem tests must be closed chamber and conducted during daylight hours.
2. Coring. After a core has been cut, circulate bottoms up and monitor for H₂S. If hole conditions (and/or detectors) indicate potentially hazardous conditions, put breathing equipment on 10 stands before core barrel reaches the surface. Breathing equipment will be worn by all personnel while core barrel is pulled, broken out, and opened up, and until a safe atmosphere is indicated.

V. Operating conditions. Operating conditions are defined in three categories. A description of each of these conditions and the required action to take are given below.

A. CONDITION I - NORMAL OPERATING CONDITIONS, POTENTIAL DANGER, OPERATIONS UNDER CONTROL

Characterized by: Normal drilling operations and test operations in zones which contain or may contain H₂S.

Warning flag: Yellow

Alarm: None

Probable occurrence: No detectable gas present at surface.

- General action:
- (1) Know location of safety equipment.
 - (2) Check safety equipment for proper functioning. Keep it available.
 - (3) Be alert for a condition change.
 - (4) Follow instructions of supervisor.

B. CONDITION II - POTENTIAL TO MODERATE DANGER TO LIFE

Characterized by: H₂S gas present. Concentrations less than 20 ppm.

Warning flag: Orange

Alarm: Flashing light at 10 ppm H₂S. Intermittent blasts on horn at 20 ppm H₂S.

Probable occurrence:

- (1) As drill gas
- (2) As trip gas when circulating bottoms up.
- (3) When a core barrel is pulled.
- (4) When a well kick is circulated out
- (5) Surface pressure, well flow or lost returns problems.
- (6) Equipment failure during testing operations.

General action:

- (1) Follow instructions of supervisor
- (2) Put on breathing equipment if directed, or if conditions warrant it.
- (3) Stay in "SAFE BRIEFING AREA" if instructed and not working to correct the problem.
- (4) The Drilling Superintendent will initiate action to reduce the H₂S concentration to zero.

C. CONDITION III - MODERATE TO EXTREME DANGER TO LIFE

Characterized by: H₂S present in concentrations at or above 20 ppm. Critical well operations or well control problems. In the extreme, loss of well control.

Warning flag: Red

Alarm: Flashing light and continuous blast on horn at 20 ppm H₂S.

Probable occurrence:

- (1) As drill gas
- (2) As trip gas when circulating bottoms up.

- (3) When a core barrel is pulled
- (4) When a well kick is circulated out
- (5) Surface pressure, well flow or lost returns problems.
- (6) Equipment failure during testing operations

General action:

- (1) Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problems.
- (2) Follow instructions of Drilling Superintendent or other supervisor.
- (3) The Drilling Superintendent will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, well will be shut-in.
- (4) The Drilling Superintendent will conduct any necessary operations with an absolute minimum of personnel. All persons in the immediate area will wear a breathing apparatus. All other personnel will restrict their movements to those directed by the Superintendent.
- (5) If gas containing hydrogen sulfide is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is poisonous.

VI. Emergency Procedures. The procedures listed below apply to drilling and testing operations.

- A. If at any time during Condition I, the mud logger, mud engineer, or any other person detects H₂S, he will notify the Drilling Superintendent. All personnel should keep alert to the Drilling Superintendent's orders. He will:
 - 1. Immediately begin to ascertain the cause or the source of the H₂S and take steps to reduce the H₂S concentration to zero. This should include having the mud engineer run a sulfide and pH determination on the flowline mud if water-base mud is in use. If an oil-base mud is in use, the mud engineer should check the lime content of the mud.

2. Order non-essential personnel out of the potential danger area.
 3. Order all personnel to check their safety equipment to see that it is working properly and in the proper location. Persons without breathing equipment will not be allowed to work in a hazard area.
 4. Notify the Contract Supervisor of condition and action taken.
 5. Increase gas monitoring activities (portable H₂S detectors) and continue operations with caution.
 6. Display the orange warning flag.
- B. If the H₂S concentration exceeds 20 ppm, the following steps will be taken.:
1. Put on breathing equipment
 2. Display red flag
 3. Driller - prepare to shut the well in.
 - a. Pick up pipe to get kelly out BOP's
 - b. Close BOP's if necessary.
 4. If testing operations are in progress, the well will be shut-in.
 5. Help anyone who may be affected by gas.
 6. Evacuate quickly to the "SAFE BRIEFING AREA" if instructed or conditions warrant.
- C. In the event a potentially hazardous volume of H₂S is released to the atmosphere, the following steps must be taken to alert the public:
1. Remove all rig personnel from the danger area and assemble at a pre-determined safe area, preferably upwind from the well site.
 2. Alert the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release. See List of Emergency Telephone Numbers.
 3. Assign personnel to block any public road (and access road to location) at the boundary of the area of exposure. Any unauthorized people within the area should be informed

that an emergency exists and be ordered to leave immediately.

4. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.

VII. Training Program. All personnel associated with the drilling operations will receive training to insure efficient and correct action in all situations. This training will be in the general areas of: (1) personnel safety, (2) rig operations, and (3) well control procedures.

A. Personnel Safety Training. All personnel shall have received H₂S training in the following areas;

1. Hazards and characteristics of H₂S.
2. Effect on metal components of the system.
3. Safety precautions.
4. Operation of safety equipment and life support systems.
5. Corrective action and shutdown procedures.

B. Rig Operations. All rig personnel shall have received training in the following areas:

1. Well control procedures.
2. Layout and operations of the well control equipment.

NOTE: Proficiency will be developed through BOP drills which will be documented by the Drilling Superintendent.

C. Service Company Personnel. All service personnel shall have been trained by their employers in the hazards and characteristics of H₂S and the operation of safety equipment and life support systems.

D. Visitors. All first time visitors to the location will be required to attend a safety orientation. The Drilling Superintendent shall be responsible for this orientation, and he shall see that every visitor is logged in correctly.

E. Public. The public within the area of exposure shall be given an advance briefing by the Drilling Superintendent. This briefing must include the following elements:

1. Hazards and characteristics of hydrogen sulfide. It is an extremely dangerous gas. It is normally detectable by its "rotten-egg" odor, but odor is not a reliable

means of detection because the sense of smell may be dulled or lost due to intake of the gas. It is colorless, transparent, and flammable. It is heavier than air and may accumulate in low places.

2. The necessity of an emergency action plan. Due to the danger to persons exposed to hydrogen sulfide and the need for expeditious action should an emergency occur, this action plan will be put into effect if and when a leak occurs.
3. The location of hydrogen sulfide within the area of exposure. At the drilling location.
4. The manner in which the public will be notified of an emergency. By telephone or personal contact.
5. Steps to be taken in case of an emergency.
 - a. Abandon danger area.
 - b. Notify necessary agencies and request assistance for controlling traffic and evacuating people.

LISBON WELL NO. B-614A
H₂S CONTINGENCY PLAN

EMERGENCY TELEPHONE NUMBERS

Ambulance

Moab - 801-259-7403 or 801-259-7191

Blanding - Life Guard Air Ambulance - 801-678-3222
800-872-9889

Hospitals

Moab - Allen Memorial Hospital - 801-259-7191

Monticello - San Juan County Hospital - 801-587-2116

Doctors

Blanding - James Redd, M.D. - Office - 801-678-2254
Weekend Emergencies - 801-678-2251

Monticello - Jerrold Smith, G.S. & G.P. - Home - 801-587-2557

Moab - Paul Mayberry, M.D. - Office - 801-259-7121
After Hours - 801-259-7191

Veterinarian

Moab - Spanish Valley Veterinary Clinic - 801-259-5216

Utah State Highway Patrol

Moab - 801-259-5441

Monticello - Port of Entry - 801-587-2662

County Sheriff

Moab - 801-259-8115
Emergency - 911

Monticello - 801-587-2237

Utah National Guard

Blanding - 801-678-2620

Civil Defense Agency

Salt Lake City - 801-533-5271

Fire Department

Moab - 801-259-5551
Emergency - 911

Monticello - 801-587-2500

GOVERNMENT AGENCIES - TELEPHONE NUMBERS

Bureau of Land Management

Salt Lake City - 801-524-5311

Moab - 801-259-6111

To report fires - 801-259-6830

United States Forest Services

Manti-La Sal National Forest - Moab - 801-259-7155

Moab - District Ranger's Office - 801-259-7155

Monticello - District Ranger's Office - 801-587-2041

Environmental Protection Agency

Denver, CO - 303-293-1603

Utah State Environmental Health Services

Salt Lake City - Environmental Emergencies - 801-533-6145

Utah State Wildlife Resources Division

Salt Lake City - 801-533-9333

Utah State, Division of Oil, Gas and Mining

Salt Lake City - 801-538-5340

UNION OIL COMPANY OF CALIFORNIA PERSONNEL - TELEPHONE NUMBERS

Union Oil Company Office - Casper, Wyoming - 307-234-1563

District Operations Manager - Lon Pardue - 307-266-5400

District Drilling Superintendent - Ralph Ladd, Jr. - 307-265-6317

Mobile - 307-265-4591

Drilling Engineer - Jim Benson - 307-234-1563

Mobile - 307-265-4761

Drilling Foreman - Frank Gillespie - 307-577-0631

Mobile - 307-265-4374

CONTRACTOR'S TELEPHONE NUMBERS

W & C Contracting Company
Farmington, NM - 505-325-1991

(Earth-moving equipment, dozers, backhoes, trucks, floats, etc.)

Crowley Construction, Inc.
Monticello - 801-587-2377

(Earth-moving equipment, dozers, backhoes, trucks, floats, etc.)

Moab Brine Company
Moab - 801-259-5751

(Liquid transport, semi- and bob- tail rigs.)

Haliiburton Services
Farmington, NM - 505-325-3575

(High-pressure pumping equipment and cementing services.)

Dowell Schlumberger
Cortez, CO - 303-565-7461

Farmington, NM - 505-325-5096

(High-pressure pumping equipment and cementing services.)

Standby Safety Services, Inc.
Clinton Dean - Cortez, CO - Office - 303-565-6391

(H₂S safety specialists with all necessary safety equipment available on rental or lease basis, including monitors, breathing equipment, signs, flags, first-aid equipment, personnel training, on-site supervision, etc.)

Dalgarno Transportation, Inc.
Grand Junction, CO - 303-242-2669

(Heavy hauling of all types of material, both liquid and dry bulk material. Transportation of any type of equipment.)

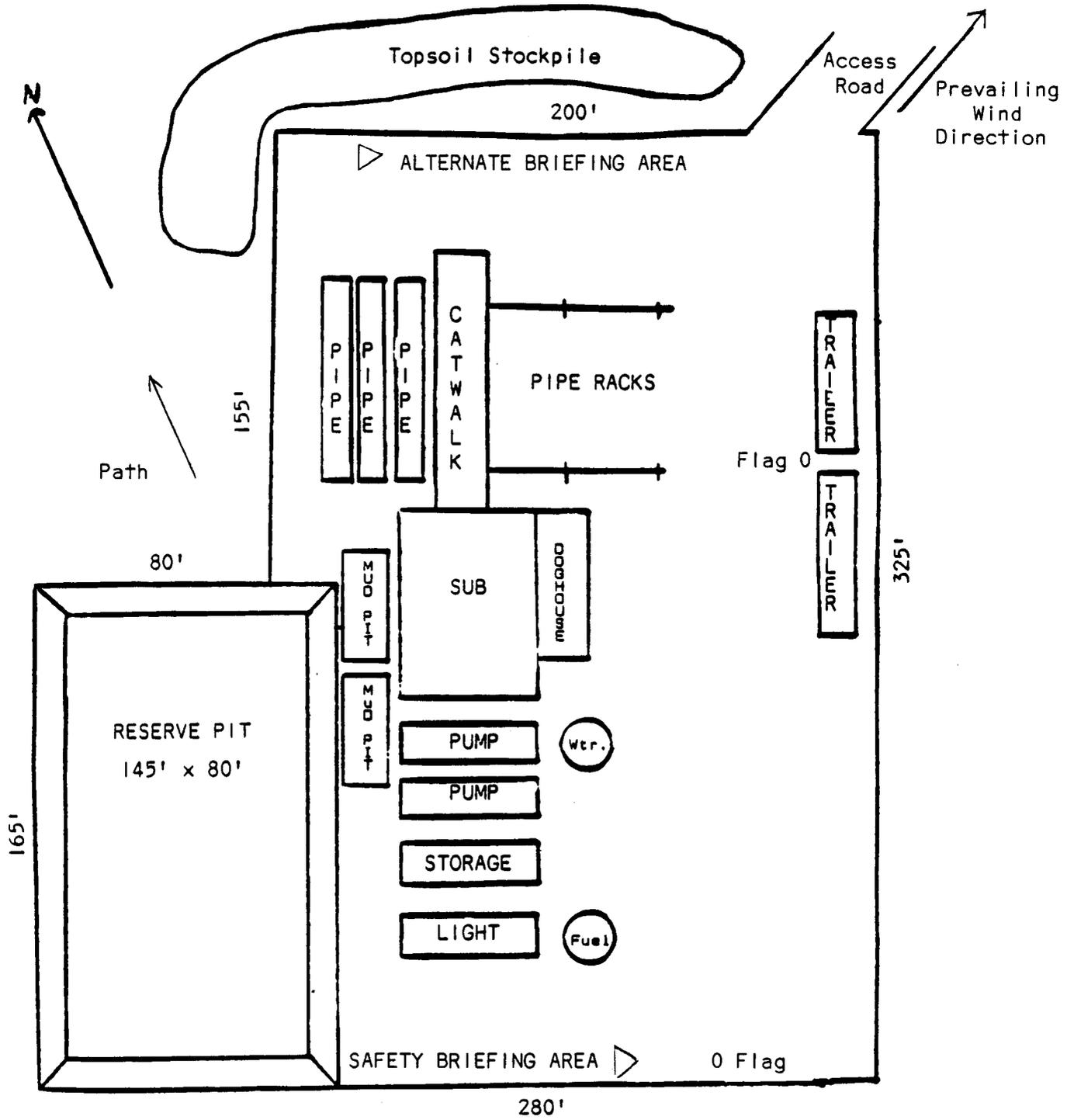
W. R. Hall Construction Co., Inc.
Grand Junction, CO - 303-241-4419

(Heavy hauling of all types of material. Transportation of any type of equipment.)

Rio Algom Mining Corporation
La Sal - Operator of MiVida Mine - 801-259-5904

Union Oil Company of California
Lisbon Well No. B-614A
Sec. 14, T.30S., R.24E.
San Juan County, Utah

H₂S Safety Layout

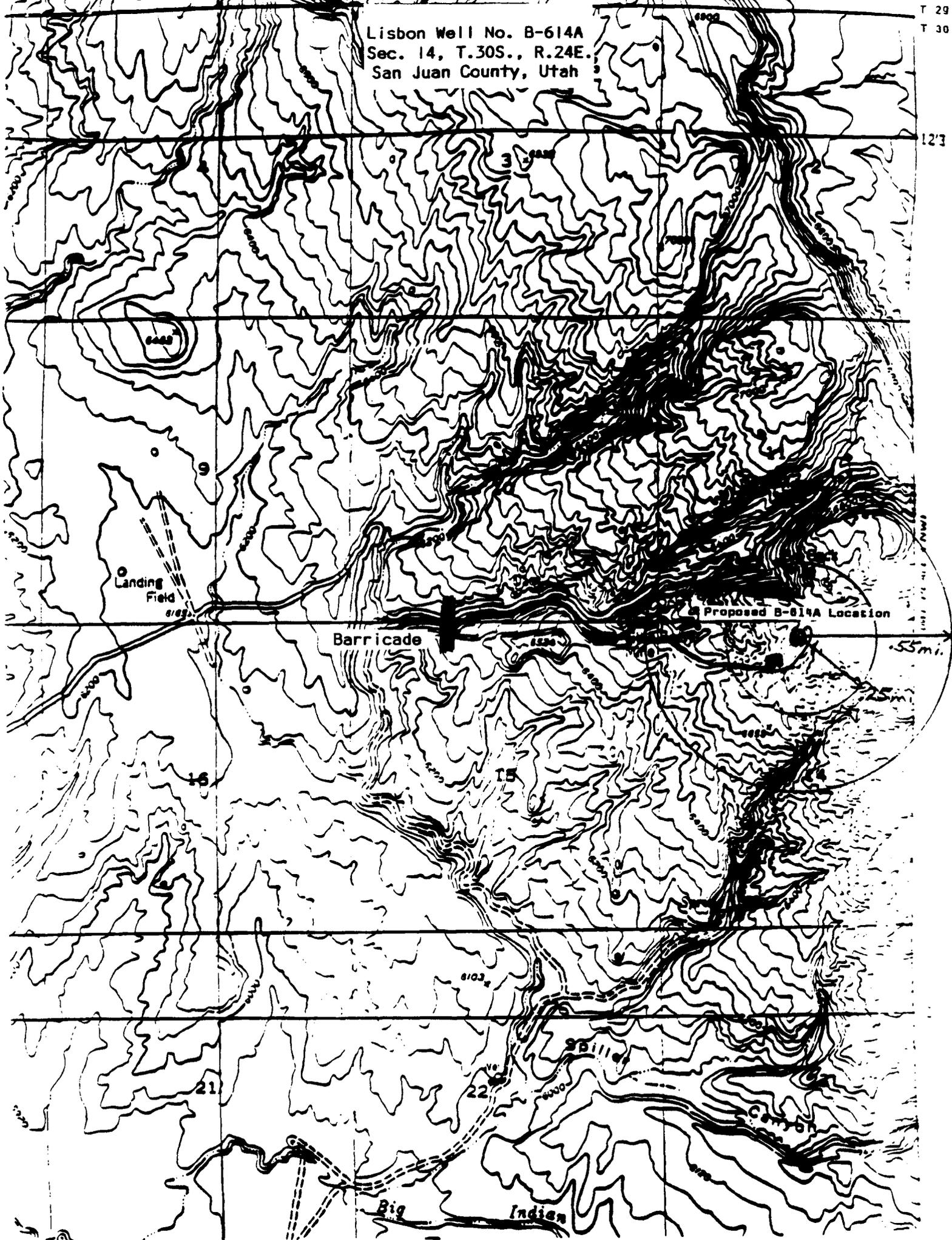


Scale: 1" = 50'

Lisbon Well No. B-614A
Sec. 14, T.30S., R.24E.,
San Juan County, Utah

T 29
T 30

12'3



CULTURAL RESOURCE INVENTORY OF THE
UNION OIL COMPANY OF CALIFORNIA PROPOSED
DRILL LOCATION B-614A, ACCESS ROUTE,
AND ASSOCIATED PIPELINE RIGHT-OF-WAY,
SAN JUAN COUNTY, UTAH

Prepared For:

Utah Bureau of Land Management
Moab District (Grand Resource Area)

Prepared Under Contract With:

Union Oil Company of California
Casper, Wyoming

Prepared By:

Jacki A. Montgomery
Archaeological Consultant

Submitted By:

William E. Davis, Director
Abajo Archaeology
Bluff, Utah

October 1985

U.S. Department of the Interior Federal Antiquities Permit
No. (FLPMA) 85-UT-56323

Utah State Antiquities Survey Project Permit No.
U-85-08-658b

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PROJECT LOCATION AND ENVIRONMENTAL SETTING.....3
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1. Location of Union Oil Company of California's
Proposed Drill Location B-614A, Access Route
and Associated Pipeline Right-of-Way.....2

INTRODUCTION

On October 9, 1985, a cultural resource inventory was conducted at the proposed location of Union Oil Company's Drill Site B-614A, access route, and associated pipeline right-of-way. The project is located near Big Indian Valley, San Juan County, Utah (Figure 1). The archaeological investigation was performed at the request of Mr. Jim Benson of Union Oil Company of California, Casper, Wyoming.

The project area is situated in Sections 11 and 14, Township 30 South, Range 24 East, on public lands administered by the Utah Bureau of Land Management, Moab District (Grand Resource Area). The archaeological survey was carried out in compliance with the requirements of federal environmental legislation for protecting cultural resources: the National Historic Preservation Act of 1966, the National Environmental and Historic Preservation Act of 1969, Executive Order 11593 of 1971, the Federal Land Policy and Management Act of 1976, and the Archaeological Resources Protection Act of 1979.

The fieldwork was performed by Keith and Jacki Montgomery, Consulting Archaeologists with Abajo Archaeology, Bluff, Utah, under authority of U.S. Department of the Interior Federal Antiquities Permit No. (FLPMA) 85-UT-56323 and Utah State Antiquities Survey Project Permit No. U-85-08-658b issued to Abajo Archaeology, Bluff, Utah.

The record searches for previous cultural resources and projects were conducted on October 9, 1985 at the BLM Grand Resource Area Office and by Liz Manion of the Utah Division of State History. The results of these file searches indicated that several inventories have occurred north of the project area for Union Oil Company of California; however, no archaeological sites were found in the course of these surveys (Bond 1984; Pierson 1984).

The cultural history for southeastern Utah has been presented in various publications which document the presence of prehistoric groups ranging from PaleoIndian to Protohistoric times within the general project area (Black and Copeland 1982; Nickens 1982). Historically, this area has been a prospecting field for valuable minerals since the 1920s (Tanner 1976). However, it was not until the uranium boom of the 1950s that the area became well known for the production of uranium ore from such mines as the Standard, Steen, and Mi Vida mines.

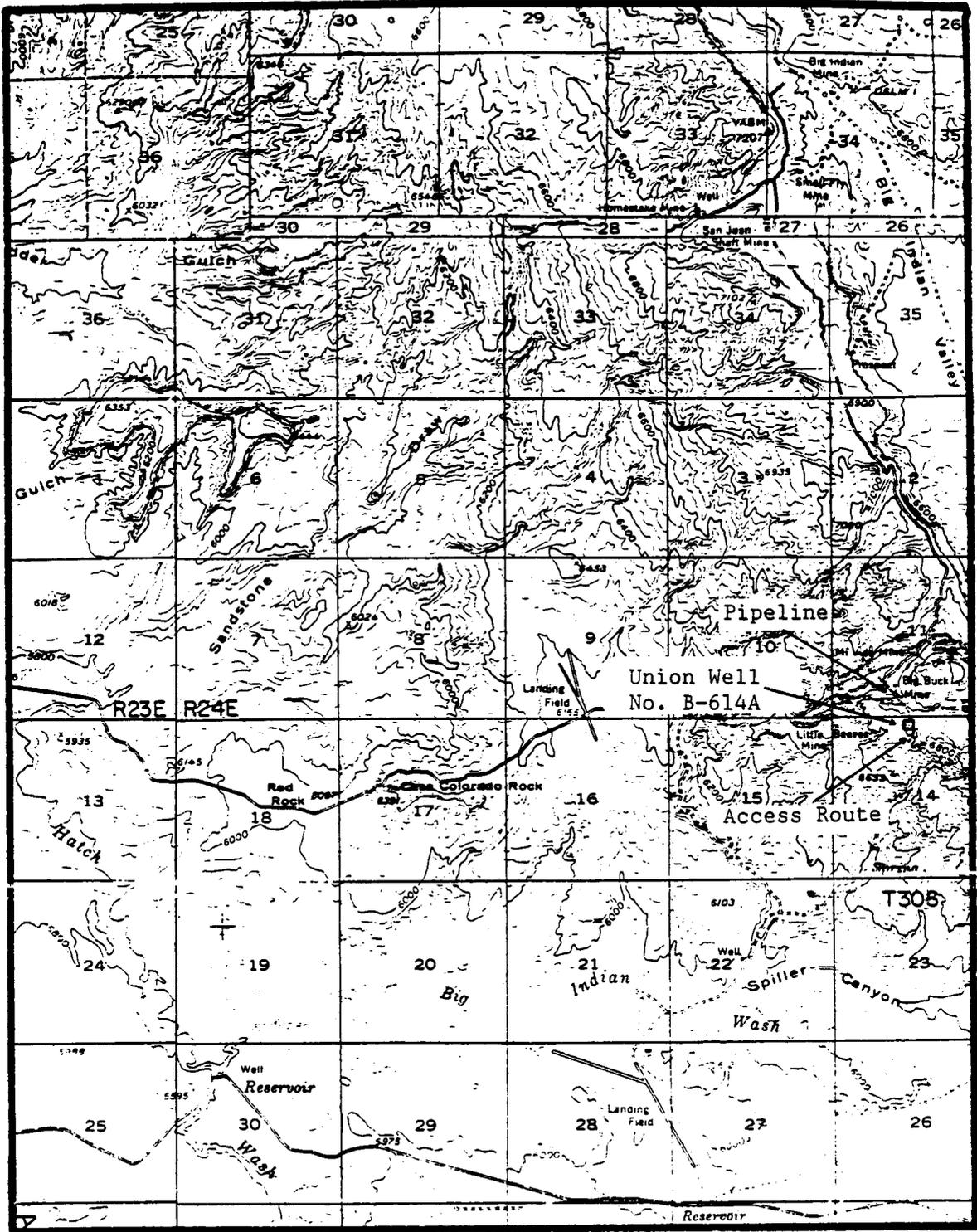


FIGURE 1. Location of Union Oil Company of California's Proposed Drill Location B-614A, Access Route and Associated Pipeline. USGS Hatch Rock, UT 15' 1954 Scale 1:62500

PROJECT LOCATION AND ENVIRONMENTAL SETTING

The cultural resource inventory entailed the inspection of proposed Drill Site B-614A and its associated access route, and pipeline right-of-way. The drill site is located on the edge of a ridge in the NE 1/4, NE 1/4, NW 1/4 of Section 15, Township 30 South, Range 24 East (U.S.G.S. Hatch Rock Quadrangle, 15' 1954). The proposed drill location constitutes a rectangular area encompassing a land surface 400 feet (122 meters) east-west and 350 feet (107 meters) north-south. The proposed access route is short, originating from a bulldozed trail and extending northeast for about 250 feet to the drill site. The proposed pipeline right-of-way is located in the SW 1/4 of Section 11 and the NW 1/4 of Section 14, Township 30 South, Range 24 East. The pipeline route extends northwest from the well pad for approximately 2000 feet to an existing gas pipeline which connects with Union Oil Company's Drill Site A-911.

The project area is located on the west slope of a large fault line between Big Indian Valley and Dry Valley. A narrow canyon borders the proposed drill site to the north and is the location of several uranium mines (e.g., Mi Vida Mine, Big Buck Mine, and Little Beaver Mine). The surface geology is characterized by the Triassic Chinle Formation and the Permian Cutler Group (Hintze and Stokes 1964). The proposed drill pad lies on exposed sandstone with a thin mantle of eolian deposition. An earlier exploratory uranium road and a powerline traverse the north edge of the project area, and Union Oil Company's Drill Site B-614, constructed in the 1960s, is based southwest of the proposed drill site.

The project area lies within the Upper Sonoran Lifezone and the elevation ranges from 6200 to 6800 feet. The pinyon-juniper woodland is the primary vegetation community with an understory of mountain mahogany, cliffrose, Mormon tea, yucca, snakeweed, and Indian rice grass.

SURVEY LOGISTICS AND INVENTORY RESULTS

The archaeologists were accompanied in the field by Mr. Jay Axtell of Union Oil, who designated the areas to be inventoried. The proposed drill site was surveyed by the archaeologists walking parallel transects spaced no more than 10 meters apart within the staked well pad boundaries. Approximately 3.0 acres of land surface were inspected for the drill location. The short access route was examined by the archaeologists walking a close

zig-zag pattern so that a 100 foot (30 meter) wide corridor was surveyed. The proposed pipeline right-of-way was surveyed in a similar zig-zag pattern so that a 50 foot (15 meter) corridor was inspected for cultural resources.

No new or previously recorded cultural resources were located during the inspection of proposed Drill Site B-614A, the associated access route, and the pipeline right-of-way.

MANAGEMENT RECOMMENDATIONS

As stated above, no cultural resources were discovered during the archaeological investigation of the project area. With the condition that project activities be confined to the established project area boundaries, it is recommended that archaeological clearance be granted for Union Oil Company of California proposed Drill Location B-614A, access route and associated pipeline right-of-way.

REFERENCES CITED

- Bond, Mark C.
 1984 The Archaeological Survey of the Union Oil Company of California's Proposed Natural Gas Pipeline: Drill Site A-911 to the Big Indian Valley, San Juan County, Utah. Abajo Archaeology, Bluff, Utah. Report No. 613 on file at the BLM Grand Resource Area Office, Moab.
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- Hintze, Lehi F. and William Lee Stokes
 1964 Geologic Map of Southeast Utah. Williams and Hintze Map Corp., Washington, D.C.
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 1982 A Summary of the Prehistory of Southeastern Utah. In Contributions to the Prehistory of Southeastern Utah. Assembled by Steven G. Baker. Utah Bureau of Land Management, Utah State Office, Cultural Resource Series 13. Salt Lake City.
- Pierson, Lloyd
 1984 Drill Site A-911 Investigations, Lisbon Field. K.K. Pelli Cultural Resource Specialists. Report No. 556 on file at the BLM Grand Resource Area Office, Moab.
- Tanner, Faun M.
 1976 The Far Country: A Regional History of Moab and La Sal, Utah. Olympus Publishing Company, Salt Lake City, Utah.

100501

OPERATOR Union Oil Co. of California DATE 9-29-87

WELL NAME Lisbon B-614A

SEC NENW/4 T 30S R 24E COUNTY San Juan

43-037-31351
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920' - Not in unit (Unit is Mississippian formation)
Need water permit.
Exception loc. requested

APPROVAL LETTER:

SPACING: R615-2-3 _____ UNIT _____ R615-3-2

_____ CAUSE NO. & DATE _____ R615-3-3

STIPULATIONS:

1-Water
2- Unless the well is to be included in the Lisbon Unit, the well may not be completed for production in the Mississippian formations.



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

October 2, 1987

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

Gentlemen:

Re: Lisbon B-614A - NE NW Sec. 14, T. 30S, R. 24E - San Juan County
300' FNL, 2434' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, 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 as required by Chapter 3, Title 73, Utah Code Annotated.
2. Unless the well is to be included in the Lisbon Unit, the well may not be completed for production in the Mississippian formations.

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 of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

Page 2
Union Oil Company of California
Lisbon B-614A
October 2, 1987

4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-037-31351.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
102702

7. UNIT-ACREMENT NAME

8. FARM OR LEASE NAME
Lisbon

9. WELL NO.
B-614A

10. FIELD AND POOL, OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

OCT 22 1987

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 300' FNL & 2434' FWL (NE NW)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 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)
 300'

18. NO. OF ACRES IN LEASE
 1240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 700'

19. PROPOSED DEPTH
 9,600'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6830' GR (Ungraded)

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

23. PROPOSED CASING AND CEMENTING PROGRAM					Expected
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Cmt. Top
17-1/2"	13-3/8"	48#	50'	10 sx	Surface
12-1/4"	9-5/8"	36#	1000'	±435 sx	Surface
8-3/4"	5-1/2"	17#	9600'	±865 sx	3950'

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 8-3/4" hole to approximate total depth of 9,600'. 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.

Note: Bond No. B-73310

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

24. SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 9-18-87

(This space for Federal or State office use)

PERMIT NO. 43-037-31351 APPROVAL DATE _____
/s/ Kenneth V. Rhea

APPROVED BY _____ TITLE District Manager DATE OCT 19 1987

CONDITIONS OF APPROVAL, IF ANY:

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

CONDITIONS OF APPROVAL ATTACHED

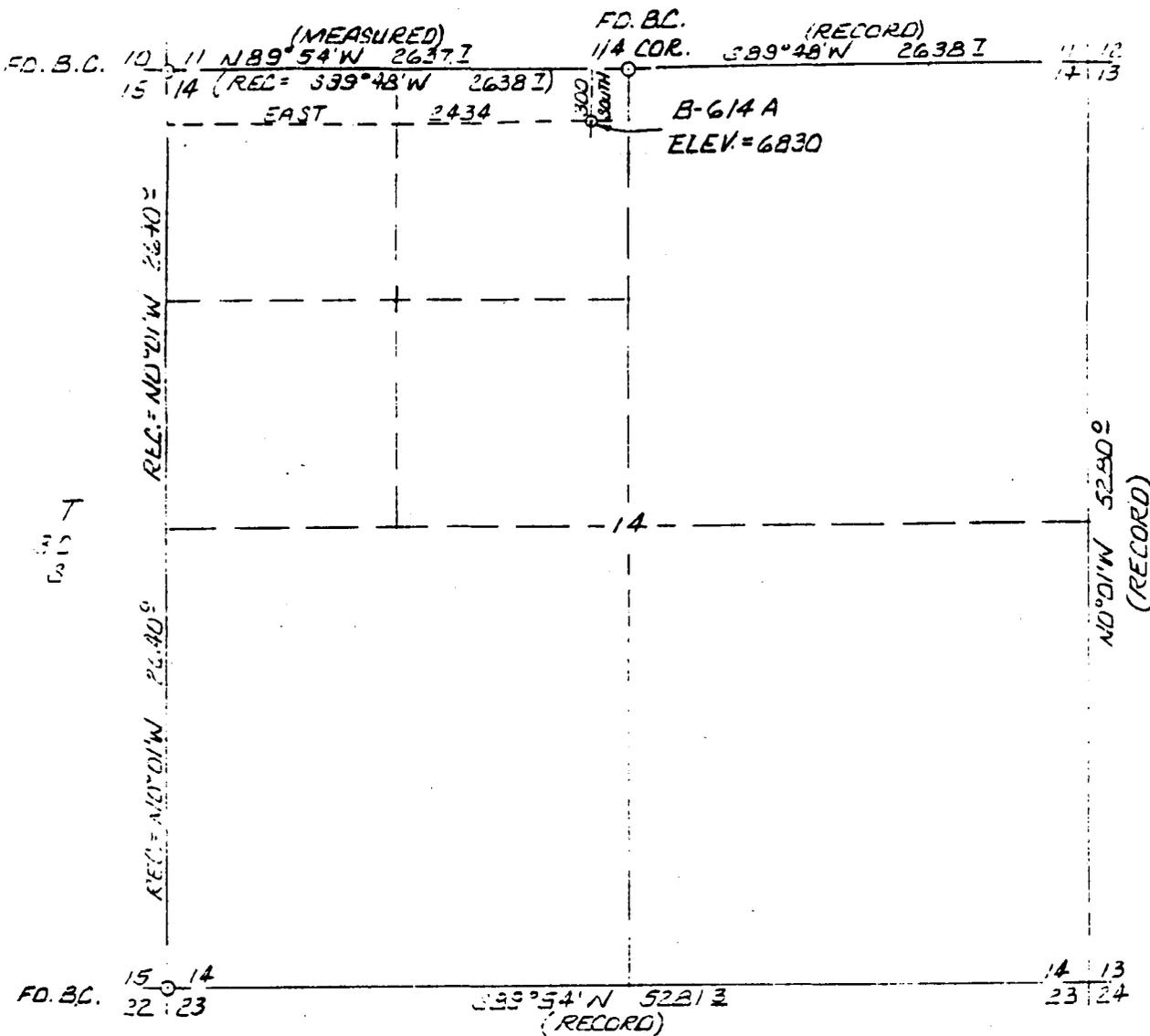
*See Instructions On Reverse Side

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.

SUBJECT TO RIGHT OF W. APPROVAL

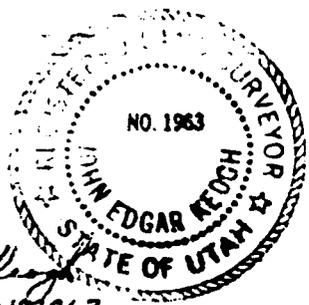
OCT 22 1987

R.24E.



WELL LOCATION PLAT OF
 FEDERAL B-614A IN
 NE 1/4 NW 1/4, SEC. 14, T.30S, R.24E, S.L.B. & M,
 SAN JUAN COUNTY, UTAH
 TRANSIT & EDM. SURVEY
 FOR: UNION OIL COMPANY OF CALIF.
 SCALE: 1" = 1000' SEPTEMBER, 1985

ELEV. BY VERTICAL ANGLE FROM U.S.G.S.
 T.C.F.O. & J.C.S. "HATCH BOOK, UTAH" 1954
 (N.W. CORNER SEC. 14 = 6750')



John E. Keogh
 UTAH R.L.S. NO. 1963

Union Oil Company of California
Well No. Lisbon B-614A
Sec. 14, T. 30 S., R. 24 E.
San Juan County, Utah
Lease SL-07008-A

CONDITIONS OF APPROVAL

Approval of this application 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.

OCT 22 1987

B. SURFACE USE PROGRAM

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.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

Immediately upon completion of drilling, the location, and surrounding areas will be cleared of all remaining debris, materials, trash, and junk not required for production.

Produced waste water will be confined to a (lined/unlined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

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.

Drainage structures will be installed as discussed and agreed to during the onsite (10/07/87).

If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligation determined by the authorized officer.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

The following seed mixture will be used:

<u>Species</u>	<u>lbs/acre</u>
<u>Grasses</u>	
Indian ricegrass	2
Crested wheatgrass	2
Western wheatgrass	2
<u>Shrubs</u>	
Prostrate Kochia (summer cypress)	2
Four-wing saltbush	<u>3</u>
	11 lbs/acre

Broadcast seed will be applied at double the above rate.

Final location release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

Notifications

Notify the Grand Resource Area at (801) 259-8193 for the following:

2 days prior to commencement of dirt work or construction;

1 day prior to spudding.

Your contact with the Grand Resource Area Office is:

Jeff Robbins

Office Phone: (801) 259-8193

Home Phone: (801) 259-7964

Grand Resource Area Office Address:

Grand Resource Area
Sand Flats Road, P.O. Box M
Moab, Utah 84532

Notify the Moab District Office, Branch of Fluid Minerals, at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed:

Steven Jones, Petroleum Engineer

Office Phone: (801) 259-6111

Home Phone: (801) 259-7404

Lynn Jackson, Chief,
Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

Paul Brown, I & E Coordinator

Office Phone: (801) 259-6111

Home Phone: (801) 259-7018

24 hours advance notice is required for all abandonments.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
102722

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lisbon

9. WELL NO.
B-614A

10. FIELD AND POOL, OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARDA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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 requirements.)
At surface 300' FNL & 2434' FWL (NE NW)
At proposed prod. zone

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

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
300'

16. NO. OF ACRES IN LEASE
1240

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
700'

19. PROPOSED DEPTH
9,600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6830' GR (Ungraded)

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Cmt. Top
17-1/2"	13-3/8"	48#	50'	10 sx	Surface
12-1/4"	9-5/8"	36#	1000'	±435 sx	Surface
8-3/4"	5-1/2"	17#	9600'	±865 sx	3950'

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 8-3/4" hole to approximate total depth of 9,600'. 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.

Note: Bond No. B-73310

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

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(This space for Federal or State office use)

PERMIT NO. 43-037-31351 APPROVAL DATE _____
7s/ Kenneth V. Rhea

APPROVED BY _____ TITLE District Manager DATE OCT 19 1987

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CONDITIONS OF APPROVAL ATTACHED

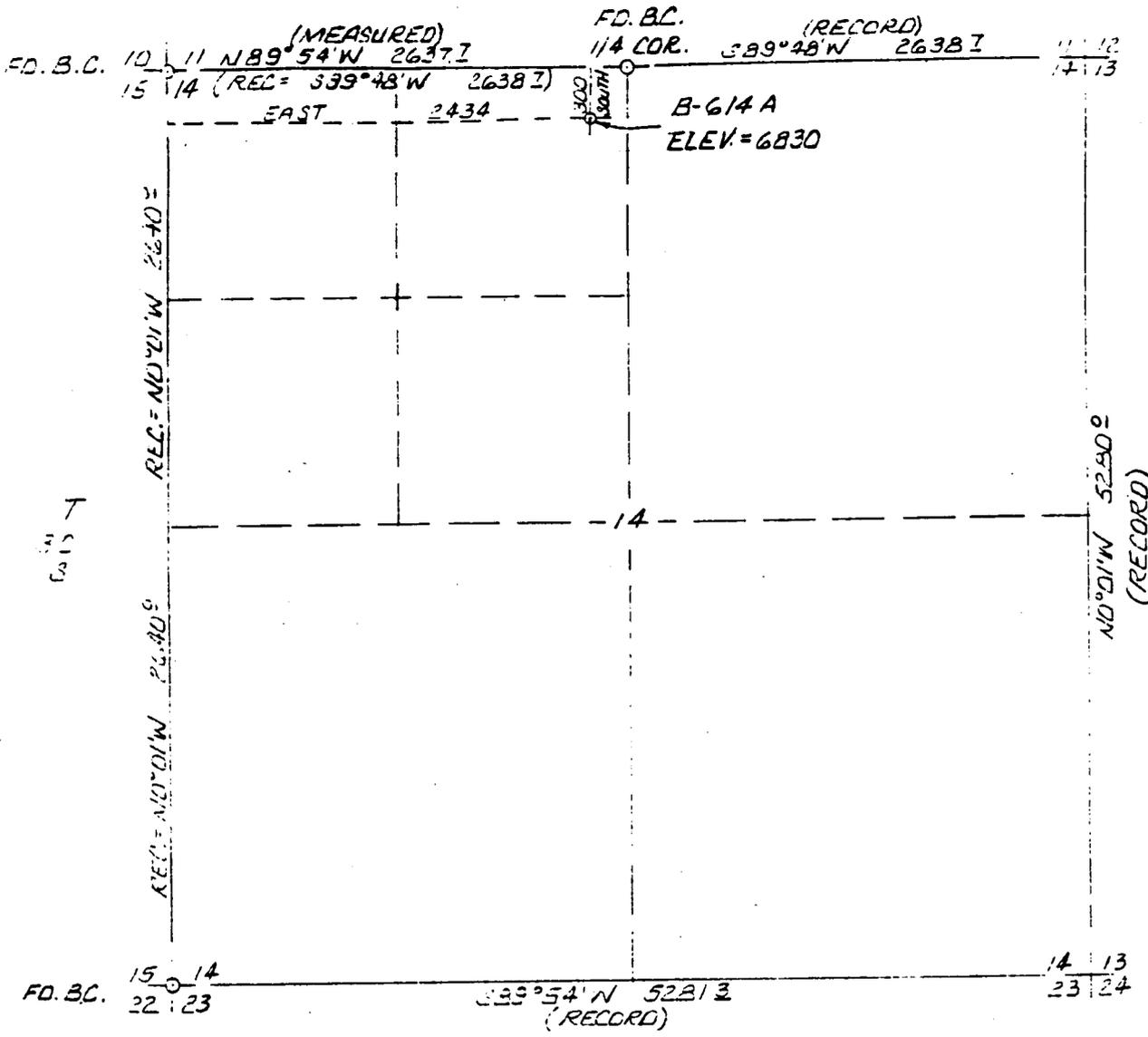
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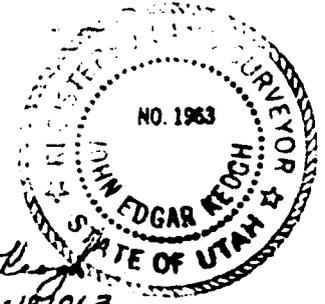
OCT 22 1987

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WELL LOCATION PLAT OF
 FEDERAL B-614A IN
 NE 1/4 NW 1/4, SEC. 14, T. 30 S, R. 24 E, S. L. B. & M.,
 SAN JUAN COUNTY, UTAH
 TRANSIT & EDM. SURVEY
 FOR: UNION OIL COMPANY OF CALIF.
 SCALE: 1" = 1000' SEPTEMBER, 1985

ELEV. BY VERTICAL ANGLE FROM U.S.G.S.
 T.L.F.O. & J.A.C. "MATCH ROCK, UTAH" 1954
 (N.W. CORNER SEC. 14 = 6450)



John E. Keogh
 UTAH R.L.S. NO. 1963

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Sec. 14, T. 30 S., R. 24 E.
San Juan County, Utah
Lease SL-07008-A

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OCT 22 1987

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Western wheatgrass	2
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1 day prior to spudding.

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Jeff Robbins

Office Phone: (801) 259-8193
Home Phone: (801) 259-7964

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Grand Resource Area
Sand Flats Road, P.O. Box M
Moab, Utah 84532

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Paul Brown, I & E Coordinator

Office Phone: (801) 259-6111
Home Phone: (801) 259-7018

24 hours advance notice is required for all abandonments.



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

030705

October 13, 1987

Unocal
P.O. Box 2620
Casper, Wyoming 82606

Re: Temporary Change Application 86-05-10
#614 Lisbon B Well

Dear Sirs:

43-037-31351 Ord.

Mr. Bill Haas, representing Philip W. Martin Water Service, Inc. has been in contact with our office concerning a water right for Unocal, to drill the #614 Lisbon B Well located S. 300 ft. & E. 2434 ft. from NW Cor. Sec. 14, T30S, R24E, SLB&M.

The approved water right is a Temporary Change Application on file with this office in the name of Cecil J. Fowler. The number of the right is 86-05-10, and is valid until November 14, 1987. A copy of the Temporary Change Application is enclosed.

If you have any questions, please contact our office.

Sincerely,

Rick L. Wilde

Rick Wilde
Water Rights Specialist

Enclosure
RW/mjk

RECEIVED
OCT 10 1987

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Water Rights

file

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

Unocal October 13, 1987

Division of Oil, Gas & Mining
Attn: Arlene Sollis
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Temporary Change Application 86-05-10
#614 Lisbon B Well

Dear Arlene:

Enclosed is a letter to Unocal regarding the above referenced well. Please keep this for your records and information. If you have any questions, feel free to contact me.

Sincerely,

Mark P. Page
Area Engineer

Enclosure
MPP/mjk

RECEIVED
OCT 13 1987

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

October 23, 1987

Division of Oil, Gas & Mining
Attn: Arlene Sollis
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Union Oil Company ✓
Lisbon Valley #B614A

Dear Arlene:

Enclosed is a copy of the letter received in our office regarding the above referenced well. The permit number referenced in the letter is a valid water right with this office.

If you have any questions, feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Mark".

Mark P. Page
Area Engineer

Enclosure
MPP/mjk

RECEIVED
OCT 26 1987

DIVISION OF
OIL, GAS & MINING

RECEIVED

October 13, 1987

OCT 22 1987

WATER RIGHTS
PRICE

43-037-31351-Dr1

Rattlesnake Ranch hereby authorizes RDB Trucking, Inc to haul water for Union Oil Co. project in Lisbon Valley # B614A, located in Sec 14 TW 30S, R24E, from our ditch crossing under the Rio Algom road. Permit # 838(05-570)


Robert Blankenagel

DIVISION OF OIL, GAS AND MINING

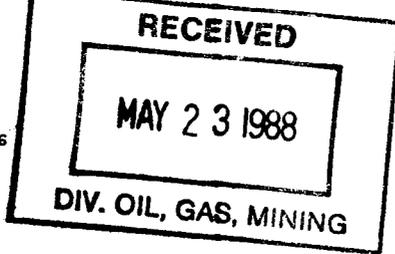
API #43-037-31351

SPODDING INFORMATIONNAME OF COMPANY: UNION OIL COMPANY OF CALIFORNIAWELL NAME: LISBON B-614A NENWSECTION 14 TOWNSHIP 30S RANGE 24E COUNTY SAN JUANDRILLING CONTRACTOR GRACE DRILLING CO.RIG # 194SPUDDED: DATE 5-18-88TIME 6:30 A.M.HOW ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY FRANK GILLESPIETELEPHONE # (801) 686-2237DATE 5-19-88 SIGNED LCR

ENTITY ACTION FORM - DOGM FORM 6



OPERATOR Union Oil Company of California

OPERATOR CODE N1030

ADDRESS P. O. Box 2620
Casper, WY 82602-2620

PHONE NO. 307,234-1563

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10872	43-037-31351	Lisbon Well No. B-614A	NE NW	14	30S	24E	San Juan	5-18-88	5-18-88
COMMENTS: <i>Federal lease Lisbon Unit</i> <i>New Well Field - Lisbon</i> <i>Proposed zone - Ophir (on APD)</i>											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL
 B - ADD NEW WELL TO EXISTING ENTITY
 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)

(SEE INSTRUCTIONS ON BACK OF FORM)

Jim Benson
 SIGNATURE
 District
 Drilling Engineer
 TITLE

5-19-88
 DATE

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-C-1
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

9. WELL NO.
B-614A

10. FIELD AND POOL, OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
MAY 31 1988

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 and in accordance with any State requirements.
See also space 17 below.)
At surface
300' FNL & 2434' FWL (NE NW)

14. PERMIT NO.
API No. 43-037-31351

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6830' 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>SPUD NOTICE</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.)*

Set 50' of 16" conductor with rat hole machine. MIRU Grace Drilling Rig No. 194. Spudded 12-1/4" hole at 6:30 a.m., 5-18-88. Drilled to 1037'.

Ran and cemented 27 jts. and 1 piece (1,017.39') of 9-5/8", 36#, K-55, 8RD, ST&C, new, seamless casing at 1,036.39' (top of differential fill insert at 991.67') with 435 sacks of cement. Preceded cement with 10 bbls. fresh water at 200 psi at 5 bpm. Displaced with 79 bbls. fresh water at 5 bpm to 2 bpm. Maximum PDP 400 psi. Bumped plug with 1000 psi; float held O.K. Had full returns throughout job. Circulated 75 sacks to surface. C.I.P. & J.C. at 10:59 a.m., 5-20-88. WOC. N.U. BOP. Pressure tested blind rams, choke manifold, and kelly cock to 1500 psi/1/2 hr., O.K. Tagged cement at 975'. Drilled plug and insert float valve at 992'. Drilled 43' firm to hard cement and 9-5/8" guide shoe. Drilling ahead at 2336'.

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

SIGNED

John R. Underhill
John R. Underhill

TITLE **District Drilling Supt.**

DATE **5-26-88**

(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 TRIPPLICATE*
(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 wells.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JUN 22 1988

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 and in accordance with any State requirements.* See also space 17 below.)
At surface: 300' FNL & 2434' FWL (NE NW)

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

9. WELL NO: B-614A

10. FIELD AND POOL, OR WILDCAT: Lisbon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO: API No. 43-037-31351

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6830' 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"/>
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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) <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.)*

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
I-TAS	
MICROFILM	
2-	FILE

Drilling ahead at 8,513'.

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

SIGNED: John R. Underhill TITLE: District Drilling Supt. DATE: 6-20-88

(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
 reverse side)

Form approved.
 Budget Bureau No. 1004-1
 Expires August 31, 1985
 5. LEASE DESIGNATION AND SERIAL
 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 wells. Use "APPLICATION FOR PERMIT" for such.)

RECEIVED
 JUL 11 1988

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 and in accordance with any State requirements.* See also space 17 below.)
 At surface
 300' ENL. & 2434' FWL (NE NW)

5. LEASE DESIGNATION AND SERIAL
 SL-070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Lisbon

9. WELL NO.
 B-614A

10. FIELD AND POOL OR WILDCAT
 Lisbon

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

14. PERMIT NO.
 API No. 43-037-31351

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6830' GR (Ungraded)

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) Supplementary Well History <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 9097' T.D. on 6-25-88. Ran DLL-MSFL, LDT, CNL, NGT, GR-BHC, HDT, Cyberlook, and Dipmeter. Washed and reamed from 6500-6560'. Washed 30' to bottom. Circulated 2 hrs. POOH.

Ran and cemented 215 jts. and 1 piece (9072.17') of 5-1/2", 17#, SS-95 & K-55, 8RD, LT&C, new casing at 9091.17' with top of diff. fill float collar at 9043.51' and D.V. tool at 8105', as follows: Preceded cement with 10 bbls. fresh water, 20 bbls. mud flush, and 10 bbls. fresh water. Cemented first stage with 50 sacks of cement, tailed in with 340 sacks cement. Displaced with 214 bbls. mud. Maximum PDP 600 psi. Bumped plug with 1000# over. Float held O.K. P.D. & C.I.P. at 5:50 a.m., 7-1-88. Dropped bomb and opened D.V. tool. Circulated 4 hrs. Cemented second stage as follows: Pumped 20 bbls. sat. salt spacer, followed by 1130 sacks sat. salt cement at 8 bpm. Maximum pressure 600 psi. Displaced with 190 bbls. water at 6 bpm. Maximum pressure 1400 psi. Bumped plug to 2800 psi. Float held O.K. C.I.P. & J.C. at 11:45 a.m., 7-1-88. Set 5-1/2" casing slips and cut off casing. N.D. BOP and cleaned pits. Released rig at 11:00 p.m., 7-1-88. Waiting on completion unit.

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 7-6-88

(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. 1004-0
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL
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.)



7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lisbon

9. WELL NO.
B-614A

10. FIELD AND POOL OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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 and in accordance with any State requirements.*
See also space 17 below.)
At surface

300' FNL & 2434' FWL (NE NW)

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
API No. 43-037-31351 6830' 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 PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other)

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.)*

9097' T.D.

MIRU completion unit on 7-9-88. N.U. BOP. Tagged cement at 8093'. Tested BOP and casing to 2000 psi, O.K. Drilled cement from 8093-8112' and DV tool from 8112-8115'. Tested DV tool and casing to 2000 psi, O.K. Drilled hard cement from 8907-9010', float collar at 9010', and hard cement from 9010-9040'. Circulated hole clean. POOH.

Ran CCL/GR, CBL w/VDL from 9033-4200'. Top of cement at 4434'. RIH with 2-7/8" tubing open ended to 8932'. Displaced annulus with packer fluid. Spotted 200 gals. 15% HCl w/NE & LST additives from 8932-8732'. Perforated McCracken formation from 8852-8858', 8868-8876', 8882-8888', 8904-8906', 8910-8918', and 8922-8932' with 4 spf using 4" casing gun.

Ran and landed 279 jts. of 2-7/8" tubing at 8772' with model "R" packer at 8765' and top of S.N. at 8764'. N.U. Xtree. Tested annulus to 2000 psi and tree to 3000 psi for 15 mins., O.K. Swabbed 34 bbls. water in 2-1/2 hrs. and well kicked off flowing. Flowed 98 BO + 28 BWL in 12-3/4 hrs. Flowed 40 bbls. fluid in 6 hrs., cut 99% oil, on 18/64" choke. Total recovery-138 bbls. oil & 62 bbls. water of 62 bbl. water load. Shut well in.

(Continued on Attached Sheet)

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 7-18-88

(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 Well No. B-614A
Lisbon Field
San Juan County, Utah
7-18-88
Page 2

Acidized McCracken perforations 8852-8932' with 4000 gals. 15% HCl with NE and LST additives, using 240 7/8" ball sealers, at steady rate of 3.2 bpm at 1000-800-1100-1500-1100 psi. Had good ball action. ISIP vac. Swabbed 78 bbls. water and well kicked off flowing. Flowed 54 bbls. total fluid/3 hrs. on 18/64" choke, cut 40-90% oil. Flowed 84 bbls. oil/6 hrs. on 10/64" choke. Have recovered 297 BO and 140 bbls. of ~~210 bbl.~~ water and acid load. SWI. Released rig on 7-14-88. Waiting on hook up of permanent production facilities.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

3

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

9. WELL NO.
B-614A

10. FIELD AND POOL, OR WILDCAT
Lisbon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T.30S., R.24E.

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO. **API 43-037-31351** DATE ISSUED **10-2-87**

15. DATE SPUNDED **5-18-88** 16. DATE T.D. REACHED **6-25-88** 17. DATE COMPL. (Ready to prod.) **Rel. Rig 7-14-88** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6830' GR (Ungraded)** 19. ELEV. CASINGHEAD **6831'**

20. TOTAL DEPTH, MD & TVD **9097' TD** 21. PLUG, BACK T.D., MD & TVD **9040' ETD** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY ROTARY TOOLS **0 - T.D.** CABLE TOOLS **---**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
McCracken - 8852-8932' MD; 8815-8895' TVD

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN **CCL/GR, CBL w/VDL, DLL-MSFL, LDT, CNL, NGT, GR-BHC, HDT, Cyberlook, Dipmeter** 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"	36#	1036.39'	12-1/4"	435 sx	---
5-1/2"	17#	9091.17'	8-3/4"	1520 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"	8772'	8765'

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

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8852-8858'			8852-8932'	4000 gals 15% HCl w/NE & LST additives, w/240 7/8" ball sealers
8882-8888'				
8910-8918'				

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7-21-88	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-25-88	24 hrs.	1/10"	→	225	1103	0	4902:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
875-845 psi		→	225	1103	0	48.6°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Flared (Waiting on pipeline hook up)** TEST WITNESSED BY **J. L. Axtell**

35. LIST OF ATTACHMENTS
Directional Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED **John R. Underhill** TITLE **District Drilling Supt.** DATE **8-5-88**

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

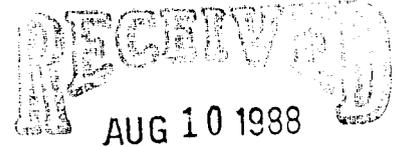
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cutler	1356'	2230'	Shale, shaley sandstone, and porous sandstone. (Porous sandstones are water wet. No tests.)	Cutler	1356'	1356'
Honaker Trail	2230'	3427'	Sandstones, shales, and limestones. (Porous sandstones and limestones are water wet. No tests.)	Honaker Trail	2230'	2228'
				La Sal	3427'	3421'
La Sal	3427'	3566'	Limestone (Water wet. No tests.)	Paradox	4068'	4059'
Paradox	4068'	4360'	Anhydrite, shale, and porous dolomite. (Porous dolomites contain minor oil. No tests.)	Top Salt	4456'	4444'
				Base Salt (Top Pinkerton Trail)	8112'	8076'
Redwall	8328'	8638'	Limestone and porous dolomite (Porous dolomite contains gas.)	Redwall	8328'	8292'
				Ouray	8638'	8601'
McCracken	8825'	8934'	Sandstone with minor dolomite and shale. (Porous sandstones contain oil.)	Elbert	8750'	8713'
				McCracken	8825'	8788'
Lynch	9010'	--	Dolomite with low porosity (Porosity contains oil.)	Aneth	8934'	8897'
				Lynch	9010'	8972'
			NO DST'S			
			BOP's tested daily in accordance with Union Oil Company policy and reported by drilling contractor personnel on tour sheets.			

OIL AND GAS	
IN	GLH
3	STS
1-TAS	3-AST
FILE	MICROFILM



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180-1203

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

43.037-31351

Well Name & Number Lisbon Well No. B-614A
Operator Union Oil Company of California Address P. O. Box 2620-Casper, WY 82602
Contractor Grace Drilling Company Address 2801 Youngfield St., Ste. 178
Golden, CO 80401
Location NE 1/4 NW 1/4 Sec. 14 T. 30S. R. 24E. County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>NO WATER FLOWS WERE ENCOUNTERED DURING DRILLING</u>			
2.	<u></u>			
3.	<u></u>			
4.	<u></u>			
5.	<u></u>			

(Continue on reverse side if necessary)

Formation Tops Cutler-1356', Honaker Trail-2230', La Sal-3427', Paradox-4068',
Top Salt-4456', Base Salt (Top Pinkerton Trail)-8112', Redwall-8328', Ouray-
8638', Elbert-8750', McCracken-8825', Aneth-8934', Lynch-9010'

Remarks

- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UT 84180-1203

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Lisbon Well No. B-614A
Operator Union Oil Company of California Address P. O. Box 2620-Casper, WY 82602
Contractor Grace Drilling Company Address 2801 Youngfield St., Ste. 178
Golden, CO 80401
Location NE 1/4 NW 1/4 Sec. 14 T. 30S. R. 24E. County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	NO WATER FLOWS WERE ENCOUNTERED DURING DRILLING			
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops Cutler-1356', Honaker Trail-2230', La Sal-3427', Paradox-4068',
Top Salt-4456', Base Salt (Top Pinkerton Trail)-8112', Redwall-8328', Ouray-
8638', Elbert-8750', McCracken-8825', Aneth-8934', Lynch-9010'

Remarks

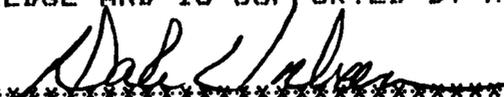
- NOTE: (a) Report on this form as provided for in Rule 806, Oil and Gas Conservation General Rules.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

MAGNETIC DIRECTIONAL SURVEY
FOR

UNION OIL OF CALIFORNIA

JOB NUMBER: 41ER0588027
WELL NAME: LISBON B-614A
LOCATION: SAN JUAN, UTAH
SURVEY DATE: 06/23/88
SURVEY ENGINEER: D.URBAN
TIE-IN INFORMATION: AT 500.00 FEET
FROM
METHOD OF CALCULATION: THE RADIUS OF CURVATURE
VERTICAL SECTION: CALCULATED USING PROPOSAL OF N 34-41 E
COMMENTS:

* THIS SURVEY IS CORRECT TO THE BEST OF MY *
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.
*
*
*  *
* ***** *
* COMPANY REPRESENTATIVE *

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
500.00	499.99	1.75	.00	0-30	N 34-46 E	1.44 N	1.00 E	.00
1139.00	1138.91	11.51	9.76	1-15	N 34- 0 E	9.49 N	6.51 E	.12
1320.00	1319.85	16.24	4.74	1-45	N 39- 0 E	13.30 N	9.33 E	.29
1600.00	1599.51	29.64	13.43	3-45	N 39- 0 E	23.74 N	17.78 E	.71
1954.00	1952.80	51.49	22.39	3-30	N 54- 0 E	39.11 N	33.98 E	.28
2044.00	2042.60	57.38	6.08	4-15	N 44- 0 E	43.10 N	38.56 E	1.12
2200.00	2198.17	68.62	11.56	4-15	N 52- 0 E	50.83 N	47.15 E	.38
2290.00	2287.93	74.95	6.47	4- 0	N 41- 0 E	55.27 N	51.84 E	.92
2377.00	2374.71	81.08	6.26	4-15	N 51- 0 E	59.62 N	56.33 E	.87
2550.00	2547.23	93.32	12.82	4-15	N 53- 0 E	67.51 N	66.43 E	.09
2700.00	2696.84	103.72	10.79	4- 0	N 47- 0 E	74.44 N	74.70 E	.33
2800.00	2796.55	111.09	7.63	4-45	N 52- 0 E	79.40 N	80.50 E	.84
2920.00	2916.16	120.33	9.68	4-30	N 52- 0 E	85.35 N	88.12 E	.21
3025.00	3020.78	128.85	8.92	5-15	N 52- 0 E	90.85 N	95.15 E	.71
3140.00	3135.28	139.38	10.77	5-30	N 41- 0 E	98.25 N	102.96 E	.92

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
3300.00	3294.57	154.25	14.98	5-15	N 42- 0 E	109.47 N	112.88 E	.17
3360.00	3354.32	159.71	5.49	5-15	N 41- 0 E	113.59 N	116.52 E	.15
3478.00	3471.78	170.57	11.31	5-45	N 59- 0 E	120.82 N	125.15 E	1.52
3582.00	3575.28	180.32	10.19	5-30	N 43- 0 E	127.22 N	133.05 E	1.52
3740.00	3732.52	195.41	15.49	5-45	N 52- 0 E	137.67 N	144.45 E	.58
4000.00	3991.09	221.97	27.18	6-15	N 41- 0 E	156.35 N	164.14 E	.48
4178.00	4167.99	241.01	19.76	6-30	N 58- 0 E	169.14 N	179.11 E	1.07
4495.00	4482.95	275.50	35.89	6-30	N 42- 0 E	192.13 N	206.51 E	.57
4675.00	4661.79	295.43	20.38	6-30	N 51- 0 E	206.14 N	221.28 E	.57
4878.00	4863.39	318.79	23.86	7- 0	N 41- 0 E	222.70 N	238.42 E	.63
5190.00	5173.06	356.68	38.02	7- 0	N 38- 0 E	252.03 N	262.60 E	.12
5471.00	5451.81	392.11	35.46	7-30	N 36- 0 E	280.36 N	283.94 E	.20
5755.00	5733.13	431.02	38.91	8-15	N 34- 0 E	312.23 N	306.26 E	.28
5901.00	5877.58	452.27	21.26	8-30	N 32- 0 E	330.06 N	317.84 E	.26
6236.00	6208.21	505.84	53.85	10- 0	N 46- 0 E	371.80 N	351.64 E	.80

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
6365.00	6335.10	528.94	23.23	10-45	N 33- 0 E	389.69 N	366.39 E	1.90
6482.00	6450.22	549.73	20.87	9-48	N 27- 0 E	407.75 N	376.82 E	1.22
6542.00	6509.46	559.13	9.54	8-30	N 23- 0 E	416.40 N	380.85 E	2.41
6608.00	6574.87	567.64	8.79	6-48	N 18- 0 E	424.63 N	383.93 E	2.76
6638.00	6604.70	570.66	3.16	5-18	N 16- 0 E	427.65 N	384.85 E	5.05
6750.00	6716.37	578.64	8.59	3-30	N 10- 0 E	436.02 N	386.78 E	1.66
6905.00	6871.10	586.59	9.12	3-15	N 1- 0 E	445.09 N	387.66 E	.38
7100.00	7065.81	594.04	10.63	3- 0	N 22- 0 W	455.47 N	385.73 E	.65
7250.00	7215.62	597.06	7.52	2-45	N 41- 0 W	461.86 N	381.82 E	.65
7510.00	7475.29	599.17	13.04	3- 0	N 51- 0 W	470.91 N	372.45 E	.22
7716.00	7681.01	599.14	10.78	3- 0	N 60- 0 W	477.01 N	363.57 E	.23
7910.00	7874.72	599.29	10.58	3-15	N 49- 0 W	483.14 N	354.97 E	.33
8076.00	8040.43	599.60	9.77	3-30	N 58- 0 W	488.95 N	347.13 E	.35
8331.00	8294.92	599.83	16.13	3-45	N 51- 0 W	498.31 N	334.01 E	.20
8505.00	8468.55	601.18	11.38	3-45	N 46- 0 W	505.85 N	325.49 E	.19

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
8732.00	8695.03	604.06	15.34	4- 0 N	43- 0 W	516.78 N	314.74 E	.14
9091.00	9053.15	609.40	25.04	4- 0 N	43- 0 W	535.10 N	297.66 E	.00

THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF

9091.00 FEET EQUALS 612.32 FEET AT N 29- 5 E.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

August 16, 1988

Mr. Roger A. Dombrowski
Unocal Oil and Gas Division
P.O. Box 760
Moab, Utah 84532

Dear Mr. Dombrowski:

Re: Request for Approval to Flare Gas

The Division of Oil, Gas and Mining has reviewed your request to flare produced gas from the Lisbon McCracken well No. B-614A located in Section 14, Township 30 South, Range 24 East, San Juan County, Utah. Based on the information provided in your request and discussions between yourself and Mr. John Baza of this office, your request for approval to flare a greater amount of gas than allowed by Rule R615-3-22 is denied.

The reasons for denying approval for gas flaring are as follows:

1. Your request to produce the well and flare gas was not based on the need for additional testing or well production information. Typically, gas venting or flaring approvals are given when operators show the need for well testing, reservoir characterization, production potential, or other evaluative information.
2. You indicated that a transportation system was under construction and should be completed by the end of the month. Although denying your request will delay production start up of the well until the pipeline connection is built, the delay is relatively short when compared to the volume of gas to be flared.
3. The volume of gas production is significant relative to other field and wells within Utah. Other factors considered, it is too much gas to be wasted for the potential benefit to be derived from producing well.

Page 2
Mr. Dombrowski
August 16, 1988

You should note that Rule R615-3-22 contains a provision that during the first month following completion of the stabilized production test, the well may vent/flare up to 100 MCF of gas per day averaged over the month. This means that the well can produce at a restricted rate or vent/flare up to 3000 MCF of gas during the month. Subsequently, the operator is allowed to vent/flare up to 25 MCF of gas per day or approximately 750 MCF of gas per month. Such venting/flaring may occur without Division approval.

We appreciate your prompt attention and notification concerning this matter. If you have additional information to justify a request to flare gas, please submit it for Division review and we would be glad to reconsider our decision.

Best regards,



Dianne R. Nielson
Director

JRB/tc
cc: R. J. Firth
Board of Oil, Gas & Mining
Dale Manchester, BLM-Moab

~~0333U/39~~
0333U/39

OPERATOR Union Oil Company of California
ADDRESS 3300 North Butler Avenue Suite 200
Farmington, New Mexico 87401

OPERATOR ACCT. NO. N1030

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	09750	09740	4303716469	LISBON UNIT #B-610	NENW	10	30S	24E	SAN JUAN	8/14/59	6/01/90
WELL 1 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> TO CREATE THE MCCRACKEN UNIT <i>Field - Lisbon # changed 7-23-90</i> <i>Unit - Lisbon "McCracken" eff. 2-1-90</i> <i>lee</i>											
C	10770	09740	4303731323	LISBON UNIT #C-910	SWSE	10	30S	24E	SAN JUAN	7/14/87	6/01/90
WELL 2 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> TO CREATE THE MCCRACKEN UNIT <i>Field - Lisbon</i> <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
C	10872	09740	4303731351	LISBON UNIT #B-614A	NENW	14	30S	24E	SAN JUAN	5/18/88	6/01/90
WELL 3 COMMENTS: <i>Fed.-Lease Prod. Zone - McCracken</i> TO CREATE THE MCCRACKEN UNIT <i>Field - Lisbon</i> <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
C	10904	09740	4303731433	LISBON UNIT #B-810	NESW	10	30S	24E	SAN JUAN	7/31/88	6/01/90
WELL 4 COMMENTS: <i>Fed.-Lease</i> TO CREATE THE MCCRACKEN UNIT <i>Field - Lisbon</i> <i>Unit - Lisbon "McCracken" eff. 2-1-90</i>											
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.

RECEIVED
JUL 19 1990

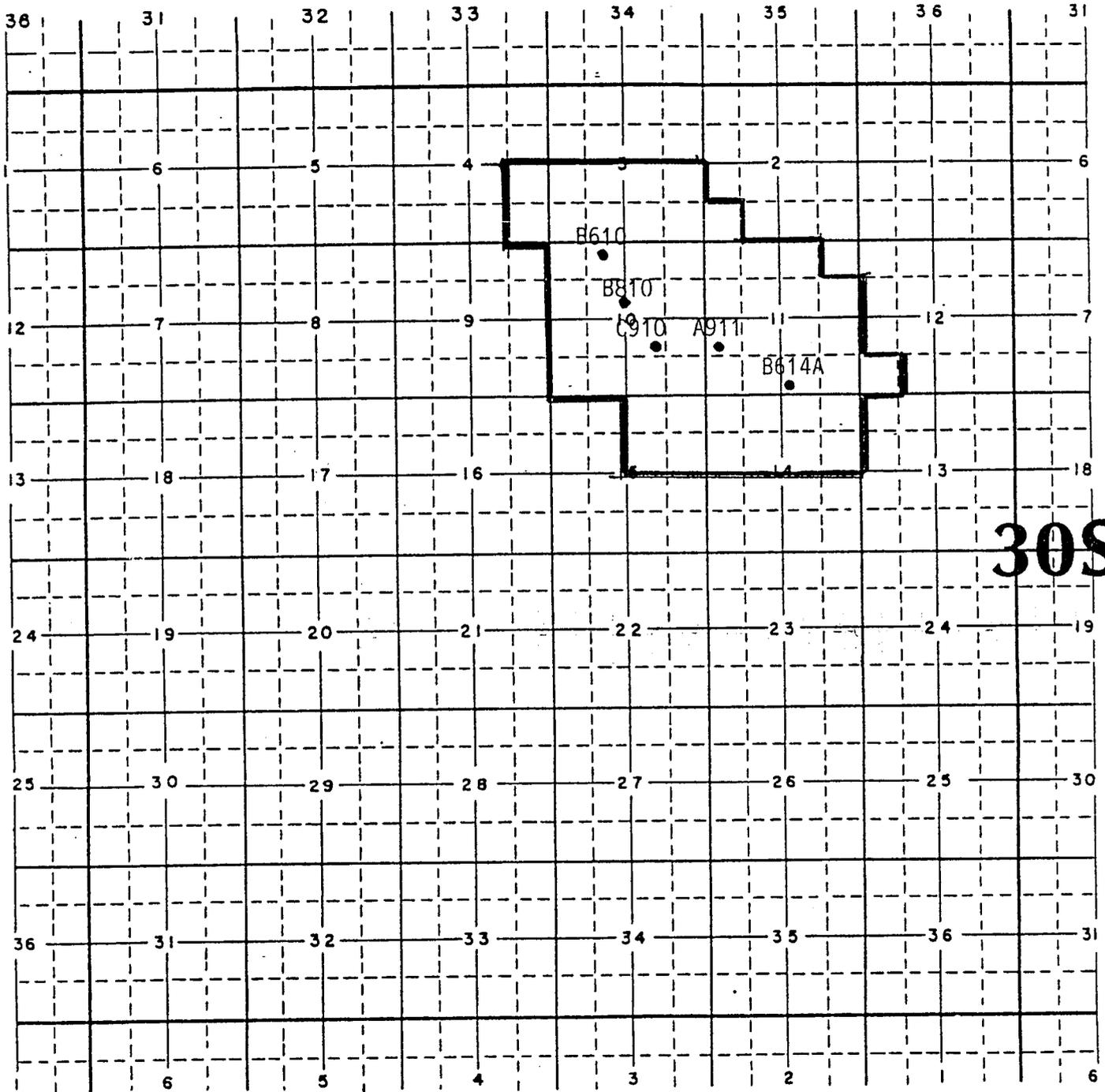
DIVISION OF
OIL, GAS & MINING

Paul West
Signature Paul West

District Production 7-13-90
Title Manager Date

Phone No. (505) 326-7600

LISBON (MC CRACEN) UNIT



30S

Allocation

Federal	99.9759%
State	0.0241%

24E

Jarmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FEB 22 1991

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 submission.

SUBMIT IN TRIPLICATE

RECEIVED
FEB 22 1991

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

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
M.S. Cracker Unit

8. Well Name and No.
" # B-614 A

9. API Well No. *Pool*
43-037-31351

10. Field and Pool, or Exploratory Area
Lisbon

11. County or Parish, State
San Juan, Utah

Type of Well
 Oil Well Gas Well Other water injection well

Name of Operator
Union Oil Company of California

Address and Telephone No.
P.O. Box 671 - Midland TX 79702 (915) 682-9731

Location of Well (Footage, Sec., T., R., M., or Survey Description)
300 FNW & 2434' FWL - Sec. 14, T-30S, R-24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>To clean out frac sd.</u>
	<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

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.)

13/17 MIRU COLORADO WELL SVC RIG #66. SDON.
KILLED WELL W/ 50 BBLs 2% KCL WTR. ND TREE, NU BOP, TESTED BOP TO 1000 PSI. ATTEMPT TO RELEASE PKR @ 8678'. POOH, HAD RELEASED FROM ON/OFF TOOL. TIH INC.

13/16 KILLED WELL W/ 50 BBLs 2% KCL WTR. REL PKR, POOH. TIH W/ 4-3/4" BIT, BAILER TO 8917'. BAILED FOR 2 HRS & COULD NOT WORK ANY DEEPER. POOH, INC. SDON.
POOH W/ BIT & BAILER. TIH W/ 4-3/4" MILL TO 8917'. CLEANED OUT TO 9032' FOR 12 HRS. PU TO 8000'. SDON.
RIH TO 9021', 8' FILL. POOH. RAN & LANDED 279 JTS (8752') OF 2-7/8" 6.5# N-80 EUE 8RD USED TBG @ 8769'. BAKER MOD R PKR @ 8762', SN @ 8761'. DISPL 2-7/8" X 5-1/2" ANNULUS W/ 150 BBLs 2% KCL WTR PKR FLUID. SET PKR IN 15,000# COMPRESSION. ND BOP, NU TREE. TSTD PKR & ANNULUS TO 500 PSI, OK.

2/14 HR SITP 275#. BLED PRES. FLUID TO SURF IN 30 MIN. TURN OVER TO PRODUCTION @ 2:00 PM 12-21-90. RD & MO DD PU.

14 I hereby certify that the foregoing is true and correct

Signed Charlotte Beeson Title Dir. of Fluid Minerals Date 1-2-91
(This space for Federal or State office use)

Approved by [Signature] Title Meab District Date JAN 22 1990
Conditions of approval, if any:

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.

Jarmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1992

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

Type of Well
 Oil Well Gas Well Other Gas injection well

1. Name of Operator
Union Oil Company of California

Address and Telephone No.
P.O. Box 671 - Midland TX 79702 (915) 682-9731

2. Location of Well (Footage, Sec., T., R., M., or Survey Description)
300 FNW 4 2434' FWL - Sec. 14, 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
M.C. Cracken Unit

8. Well Name and No.
" # B-614 A

9. API Well No.
43-037-31351

10. Field and Pool, or Exploratory Area
Lisbon

11. County or Parish, State
San Juan, Utah

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 To clean out frac sd.
- 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.)

3. 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.)

1/21 MIRU COLORADO WELL SVC RIG #66. SDON.
 KILLED WELL W/ 50 BBLs 2% KCL WTR. ND TREE, NU BOP, TESTED BOP TO 1000
 2/17 PSI. ATTEMPT TO RELEASE PKR @ 8678'. POOH, HAD RELEASED FROM ON/OFF TOOL.
 TIH INC.

2/15 KILLED WELL W/ 50 BBLs 2% KCL WTR. REL PKR, POOH. TIH W/ 4-3/4" BIT,
 2/15 BAILER TO 8917'. BAILED FOR 2 HRS & COULD NOT WORK ANY DEEPER. POOH,
 INC. SDON.

1/19 POOH W/ BIT & BAILER. TIH W/ 4-3/4" MILL TO 8917'. CLEANED OUT TO 9032' FOR
 1/19 2 HRS. PU TO 8000'. SDON.

2/1 RIH TO 9021', 8' FILL. POOH. RAN & LANDED 279 JTS (8752') OF 2-7/8" 6.5#
 2/1 N-80 EUE 8RD USED TBG @ 8769'. BAKER MOD R PKR @ 8762', SN @ 8761'. DISPL
 10 2-7/8" X 5-1/2" ANNULUS W/ 150 BBLs 2% KCL WTR PKR FLUID. SET PKR IN
 15,000# COMPRESSION. ND BOP, NU TREE. TSTD PKR & ANNULUS TO 500 PSI, OK.

2/1 14 HR SITP 275#. BLED PRES. FLUID TO SURF IN 30 MIN. TURN OVER TO
 2/1 PRODUCTION @ 2:00 PM 12-21-90. RD & MO DD PU.

14 I hereby certify that the foregoing is true and correct

Signed Charlotte Beeson Title Drlg. Clerk Date 1-2-91

(This space for Federal or State office use)

Approved by [Signature] Title Branch of Fluid Minerals Date JAN 22 1990
Moab District

Conditions of approval, if any:

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

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) 685-7607

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

300' FNL & 2434' FWL (NE NW)

Sec. 14, T30S, R24E

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 #B-614A

9. API Well No.

4202731351

10. Field and Pool, or Exploratory Area

Lisbon

11. County or Parish, State

San Juan, Utah

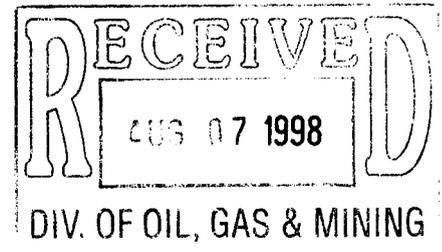
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Convert to gas lift</u>
	<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 DRLG REPORT FOR WORK DONE ON THIS WELL.



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

Signed Charlotte Beeson Title Regulatory Clerk Date 08/05/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

Well Name: MCCracken LISBON UNIT B-614-A

Page: 1

6/15/98

TO CONVERT TO GAS LIFT (AFE 131903)
SPIRIT ENERGY 76'S WI: 100%-----
(PEITCHINSKY) MIRU COLORADO WELL SERVICE DDPU #66. ANCHORS NEED PULL TESTED
& 1 NEEDS REPLACED. SET PUMP & PIT.
SWI-SDON.

6/16/98

(PEITCHINSKY) PULL TEST ANCHORS & REPLACED 1. FINISHED RU DDPU. CONDUCTED
RIG INSPECTION & HELD SAFETY MTG W/ CREW. BLED TBG PRESSURE DOWN & P-TESTED
CSG TO 1000 PSI FOR 15 MIN, OK. PUMPED 20 BBLs 2% KCL FW DOWN TBG. ND WH &
NU 6' X 3000 PSI HYD BOPE & F-TEST SAME. REL 5-1/2" BAKER MODEL "R" PKR &
SLM OUT OF HOLE. PU REDRESSED 5-1/2" BAKER MODEL "R" PKR & TIH W/ GAS LIFT
PRODUCTION STRING. SENT TREE IN TO BE CHECKED OUT. SWI-SDON.

2-7/8" GAS LIFT PRODUCTION STRING

			DEPTH
17.00		KB	17.00
5,612.15	179 JTS	2-7/8" 6.5# L-80 EUE 8RD TBG	5,629.15
4.05		2-7/8" GAS LIFT SUB	5,633.20
1,313.72	42 JTS	2-7/8" 6.5# L-80 EUE 8RD TBG	6,946.96
4.13		2-7/8" GAS LIFT SUB	6,951.05
1,005.37	32 JTS	2-7/8" 6.5# L-80 EUE 8RD TBG	7,956.42
4.09		2-7/8" GAS LIFT SUB	7,960.51
756.72	24 JTS	2-7/8" 6.5# L-80 EUE 8RD TBG	8,717.23
6.35		2-7/8" WEATHERFORD SIDE POCKET MANDREL	8,723.58
60.52	2 JTS	2-7/8" 6.5# L-80 EUE 8RD TBG	8,784.10
1.10		2-7/8" SEATING NIPPLE	8,785.20
.80		2-7/8" X 2-3/8" EUE 8RD BOX X PIN X-O	8,786.00
6.88		45A4 5-1/2" 17# BAKER MODEL R-3 DG CSG PKR	
8,792.88			

6/17/98

(PEITCHINSKY) PU 1 JT 2-7/8" TBG. SET 5-1/2" BAKER MODEL "R" PKR. ND BOPE
& NU WELLHEAD & TREE. RU DOWELL. HELD SAFETY MTG & TEST LINES TO 1000 PSI.
TREATED MCCracken FORMATION W/ 3000 GALS XYLENE & DISPLACED W/ 52 BBLs 2% KCL
FW. WELL ON VACUUM. ISIP ZERO. RD DOWELL. RD DDPU & MOVED TO LISBON UNIT
C-910. OFF REPORT. EST TTL COST:
\$29,036.

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 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
TOM BROWN, INC (303)260-5000

3. Address and Telephone No.
555 17th STREET, STE 1850, DENVER, CO 80202-3918

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
300' FNL & 2434' FWL, Sec. 14, T30S, R24E

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

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
McCracken Unit

8. Well Name and No.
Lisbon #B-614A

9. API Well No.
43-037-31351

10. Field and Pool, or Exploratory Area
Lisbon

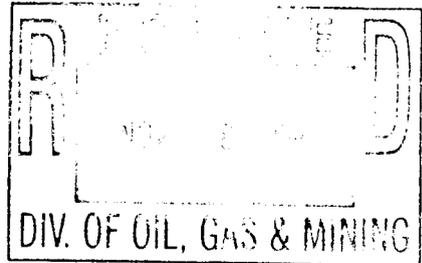
11. County or Parish, State
San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input 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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)*

**PLUG BACK McCracken AND RECOMPLETE TO MISSISSIPPIAN
(SEE ATTACHED PROCEDURE)**



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

Signed *Don B. Adley, P.E.* Title **Operations Engineer** Date 11/03/99

(This space for Federal or State Police use)

Approved by *Bradley G. Hill* Title **RECLAMATION SPECIALIST III** Date 11/22/99

Conditions of approval, if any:

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**

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

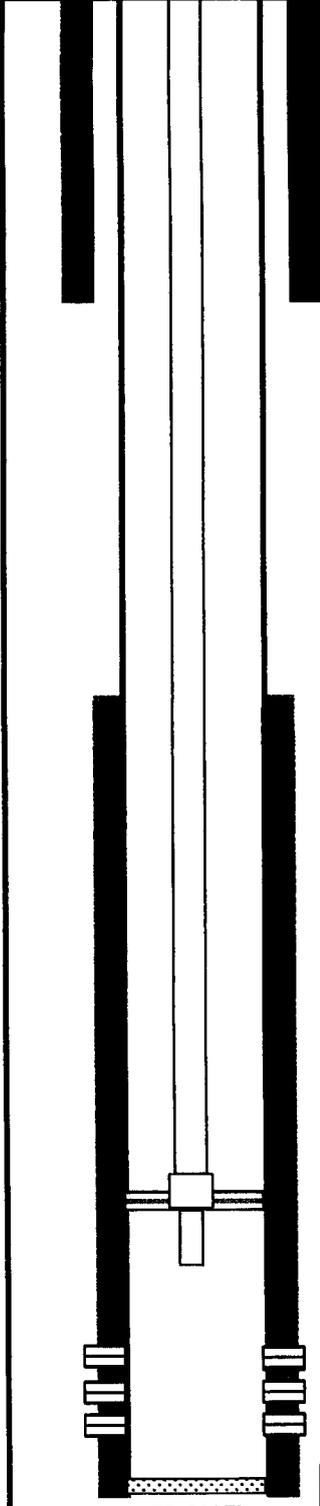


DATE: Apr. 30, 1998
 BY: M.C. Phillips
 WELL: B-614A
 STATE: Utah

SPUD DATE: 5/18/88
 COMP. DATE:
 STATUS: Producing

KB = 6,866'
 Elevation = 6,849'
 TD = 9,097'
 PBD = 9,040'

CURRENT



9-5/8" @ 1036'. 36# K-55, ST&C csg. Cmt'd w/435 sx. Cmt'd Circ.

Tubing	2-7/8" L-80, 8rd eue	279jts	8,748.40'
Packer	Mdl "R" DG Pkr	1	6.70'
Total			8,755.10'
			17.00'
			8,772.10'

DV Tool @ 8,105'

McCracken Perforations

- Perfs 8,852-8,876'. Open.
- Perfs 8,882-8,888'. Open.
- Perfs 8,904-8,932'. Open.

5-1/2" @ 9,091'. 17#, SS-95, K-55 LT&C csg. Cmt'd 2 stages 390sx, FB 1130sx thru DV @ 8,105'.

TD 9097'.

Lisbon B-614A Recompletion Procedure
300' FNL, 2434' FWL, Sec. 14, T30S, R24E
San Juan County, Utah

Recomplete from McCracken to Mississippian:

1. Notify BLM. Inspect anchors. Set frac tanks for flowback. RU H₂S safety equipment.
2. MIRU workover rig. Hold pre-job safety meeting.
3. Blow down well. Kill well with 2% KCl water.
(Note: Keep casing loaded throughout job to keep well dead and prevent casing collapse. Paradox Salt from 4,456' to 8,112'.)
4. ND tree. NU 7-1/16" 3,000# BOPE. Pressure test backside to 1000# for 30 min.
5. Hot oil tubing. Release Baker model R-3 DG packer @ 8,786'. TOO H w/ 2-7/8" 6.5# L-80 EUE 8rd tubing. LD gas lift equipment. Redress model R pkr to run back in.
6. RU WL. RIH w/ CIBP and set in 5-1/2", 17# S-95 casing at 8,770'.
7. RIH w/ Computalog PND-S tool and log from PBSD to 8,000'.
8. RIH and perforate Mississippian w/ 2 JSPF, 90 deg phasing using 4" debris-less casing guns with 23g charges as follows: (Correlate to Schlumberger Borehole Compensated Sonic Log run 6/29/88.)
8,434' – 8,464'
8,472' – 8,546'
8,576' – 8,596'
9. PU and TIH w/ Baker model R-3 DG packer on inspected 2-7/8" tubing. Set packer @ 8,365'.
10. RU acid equipment. Open packer bypass, spot 12,000 gal 15% SWIC HCl w/ additives. Close bypass and breakdown perms. Flush to top of perforations and flow back until load recovered.
11. Load backside w/ inhibited packer fluid from surface. Pressure test casing and packer to 1,000#.
12. ND BOPE. NU tree.
13. Swab well in. RTP. RDMO.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/08/1999

API NO. ASSIGNED: 43-037-31351

** Recomplete fr. McCrecken Pz to Mississippi Pz.*

WELL NAME: LISBON B-614A
 OPERATOR: TOM BROWN INC (N9885)
 CONTACT: Byron Gale (303) 260-5000

SESW

PROPOSED LOCATION:
 NENW 14 - T30S - R24E
 SURFACE: 0300-FNL-2434-FWL
 BOTTOM: 0198-FSL-2512-FEL *Sec. 11, 30S, 24E*
 SAN JUAN COUNTY *(Top of mssp Pz)*
 LISBON FIELD (385)

INSPECT LOCATN BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: SL-070008-A
 SURFACE OWNER: Federal

PROPOSED FORMATION: MSSP

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed Ind Sta Fee
 (No. ES0183)

Potash (Y/N)
 Oil Shale (Y/N) *190-5(B)
 Water Permit
 (No. city of Moab)

RDCC Review (Y/N)
 (Date: _____)

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit Lisbon (MSSP)

R649-3-2. General
 Siting: _____

R649-3-3. Exception

Drilling Unit
 Board Cause No: _____
 Eff Date: _____

Siting: _____
 R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: ① Federal Approval

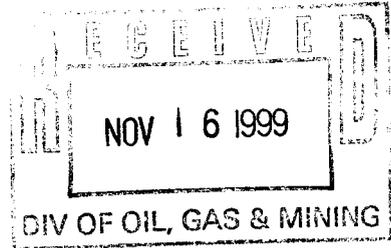


TOM BROWN, INC.

555 Seventeenth Street, Suite 1850
Denver, Colorado 80202-3918

Engineering Department

FAX



DATE: 11/16/99

TRANSMITTAL #: _____

Number of Pages (Including Cover): 8

TO: LISHA CORDOVA

FROM: BYRON CALE

MESSAGE: LISBON B-614A DIRECTIONAL SURVEY.

***If Problems occur please call Tom Brown, Inc. at 303/260-5000

Tom Brown's Engineering Department Fax #: 303/260-5007 & 303/260-5008

TOM BROWN, INC.

November 16, 1999

Lisha Cordova
Utah Division of Oil, Gas, and Mining
Fax (801) 359-3940

RE: Lisbon B-614A Recompletion
Lisbon Field
San Juan County, Utah

Dear Lisha:

As per your request, I have calculated the coordinates where the top of the Mississippian is located within the Lisbon B-614A wellbore in the Lisbon Field, San Juan County, Utah. This well was originally drilled and completed by Unocal in the McCracken interval, and now Tom Brown, Inc. plans to recomplete the well to the uphole Mississippian zone. The following information was provided on **the original well completion report:**

Surface location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
Top McCracken: 217' FSL & 2531' FEL, Sec. 11, T30S, R24E
(Top McCracken at measured depth 8825')
Total depth: 235' FSL & 2548' FEL, Sec. 11, T30S, R24E
(Total measured depth 9097')

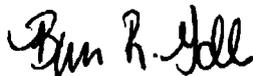
Based on the attached directional survey, the top of the Mississippian (measured depth 8,328') is located 498.20 feet north and 334.16 feet east of the surface location, which translates to the following coordinates:

Top Mississippian: **198' FSL & 2512' FEL**, Sec. 11, T30S, R24E

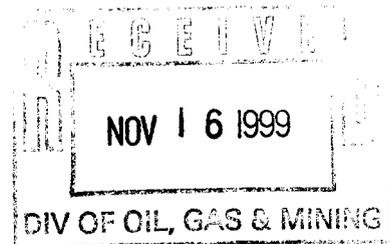
If you have any questions or need additional information, please contact me at (303) 260-5036.

Sincerely,

TOM BROWN, INC.



Byron R. Gale, P.E.
Operations Engineer



SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
500.00	499.99	1.75	.00	0-30	N 34-46 E	1.44 N	1.00 E	.00
1139.00	1138.91	11.51	9.76	1-15	N 34- 0 E	9.49 N	6.51 E	.12
1320.00	1319.85	16.24	4.74	1-45	N 39- 0 E	13.30 N	9.33 E	.29
1600.00	1599.51	29.64	13.43	3-45	N 39- 0 E	23.74 N	17.78 E	.71
1954.00	1952.80	51.49	22.39	3-30	N 54- 0 E	39.11 N	33.98 E	.28
2044.00	2042.60	57.38	6.08	4-15	N 44- 0 E	43.10 N	38.56 E	1.12
2200.00	2198.17	68.62	11.56	4-15	N 52- 0 E	50.83 N	47.15 E	.38
2290.00	2287.93	74.95	6.47	4- 0	N 41- 0 E	55.27 N	51.84 E	.92
2377.00	2374.71	81.08	6.26	4-15	N 51- 0 E	59.62 N	56.33 E	.87
2550.00	2547.23	93.32	12.82	4-15	N 53- 0 E	67.51 N	66.43 E	.09
2700.00	2696.84	103.72	10.79	4- 0	N 47- 0 E	74.44 N	74.70 E	.33
2800.00	2796.55	111.09	7.63	4-45	N 52- 0 E	79.40 N	80.50 E	.84
2920.00	2916.16	120.33	9.68	4-30	N 52- 0 E	85.35 N	88.12 E	.21
3025.00	3020.78	128.85	8.92	5-15	N 52- 0 E	90.85 N	95.15 E	.71
3140.00	3135.28	139.38	10.77	5-30	N 41- 0 E	98.25 N	102.96 E	.92

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
3300.00	3294.57	154.25	14.98	5-15	N 42- 0 E	109.47 N	112.88 E	.17
3360.00	3354.32	159.71	5.49	5-15	N 41- 0 E	113.59 N	116.52 E	.15
3478.00	3471.78	170.57	11.31	5-45	N 59- 0 E	120.82 N	125.15 E	1.52
3582.00	3575.28	180.32	10.19	5-30	N 43- 0 E	127.22 N	133.05 E	1.52
3740.00	3732.52	195.41	15.49	5-45	N 52- 0 E	137.67 N	144.45 E	.58
4000.00	3991.09	221.97	27.18	6-15	N 41- 0 E	156.35 N	164.14 E	.48
4178.00	4167.99	241.01	19.76	6-30	N 58- 0 E	169.14 N	179.11 E	1.07
4495.00	4482.95	275.50	35.89	6-30	N 42- 0 E	192.13 N	206.51 E	.57
4675.00	4661.79	295.43	20.38	6-30	N 51- 0 E	206.14 N	221.28 E	.57
4878.00	4863.39	318.79	23.86	7- 0	N 41- 0 E	222.70 N	238.42 E	.63
5190.00	5173.06	356.68	38.02	7- 0	N 38- 0 E	252.03 N	262.60 E	.12
5471.00	5451.81	392.11	35.46	7-30	N 36- 0 E	280.36 N	283.94 E	.20
5755.00	5733.13	431.02	38.91	8-15	N 34- 0 E	312.23 N	306.26 E	.28
5901.00	5877.58	452.27	21.26	8-30	N 32- 0 E	330.06 N	317.84 E	.26
6236.00	6208.21	505.84	53.85	10- 0	N 46- 0 E	371.80 N	351.64 E	.80

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
6365.00	6335.10	528.94	23.23	10-45	N 33- 0 E	389.69 N	366.39 E	1.90
6482.00	6450.22	549.73	20.87	9-48	N 27- 0 E	407.75 N	376.82 E	1.22
6542.00	6509.46	559.13	9.54	8-30	N 23- 0 E	416.40 N	380.85 E	2.41
6608.00	6574.87	567.64	8.79	6-48	N 18- 0 E	424.63 N	383.93 E	2.76
6638.00	6604.70	570.66	3.16	5-18	N 16- 0 E	427.65 N	384.85 E	5.05
6750.00	6716.37	578.64	8.59	3-30	N 10- 0 E	436.02 N	386.78 E	1.66
6905.00	6871.10	586.59	9.12	3-15	N 1- 0 E	445.09 N	387.66 E	.38
7100.00	7065.81	594.04	10.63	3- 0	N 22- 0 W	455.47 N	385.73 E	.65
7250.00	7215.62	597.06	7.52	2-45	N 41- 0 W	461.86 N	381.82 E	.65
7510.00	7475.29	599.17	13.04	3- 0	N 51- 0 W	470.91 N	372.45 E	.22
7716.00	7681.01	599.14	10.78	3- 0	N 60- 0 W	477.01 N	363.57 E	.23
7910.00	7874.72	599.29	10.58	3-15	N 49- 0 W	483.14 N	354.97 E	.33
8076.00	8040.43	599.60	9.77	3-30	N 58- 0 W	488.95 N	347.13 E	.35
8331.00	8294.92	599.83	16.13	3-45	N 51- 0 W	498.31 N	334.01 E	.20
8505.00	8468.55	601.18	11.38	3-45	N 46- 0 W	505.85 N	325.49 E	.19

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD. CASPER, WYOMING

JOB NUMBER: 41ER0588027

DATE: 06/23/88

INRUN SURVEY

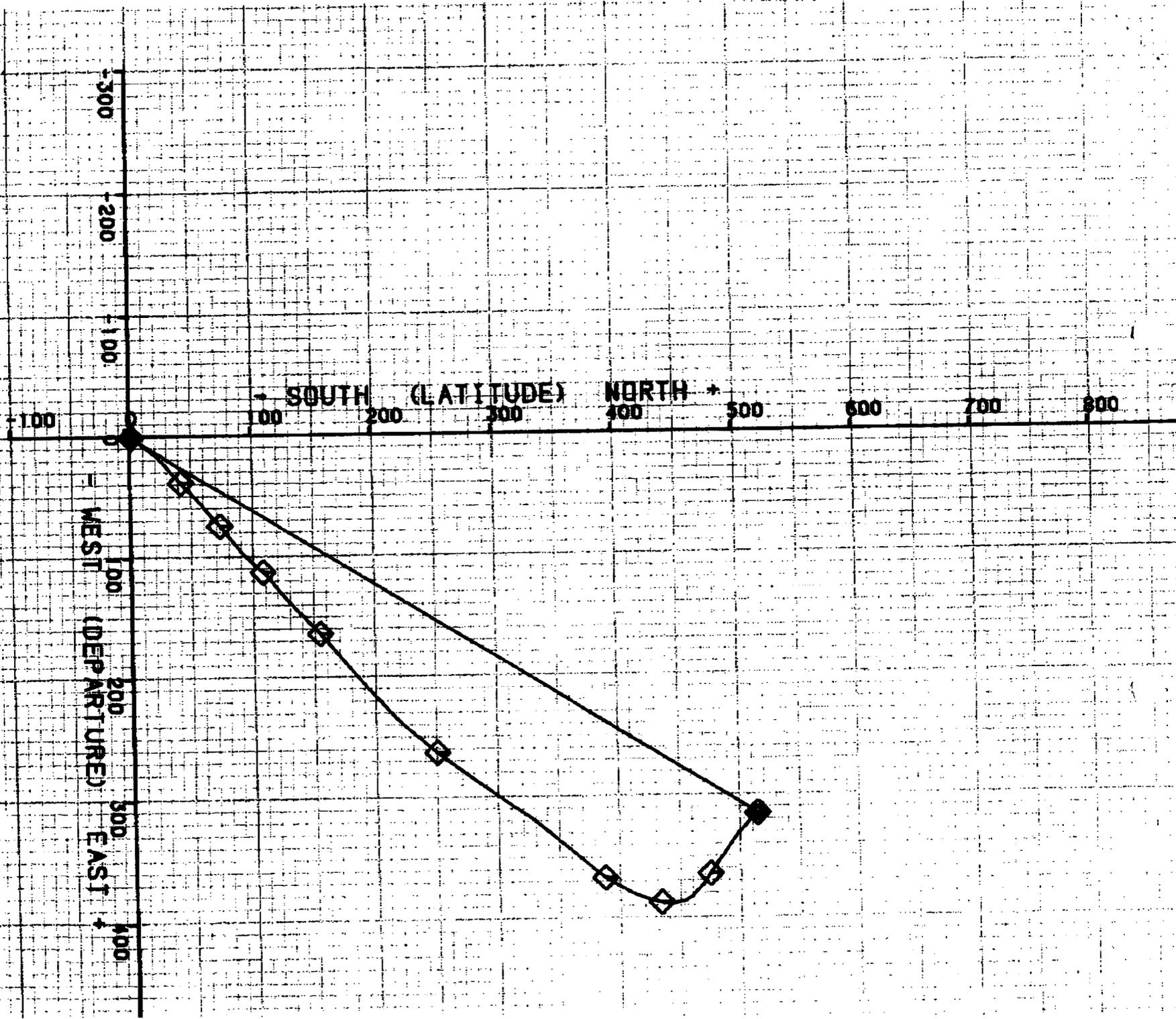
BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES		D-LEG PER 100
						LATITUDE	DEPARTURE	
8732.00	8695.03	604.06	15.34	4- 0	N 43- 0 W	516.78 N	314.74 E	.14
9091.00	9053.15	609.40	25.84	4- 0	N 43- 0 W	535.10 N	297.66 E	.00

THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF

9091.00 FEET EQUALS 612.32 FEET AT N 29- 5 E.



TOTAL P. 08

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)

November 17, 1999

Memorandum

To: Assistant District Manager Minerals, Moab District
From: Michael Coulthard, Petroleum Engineer
Subject: 1999 Plan of Development Lisbon Unit San Juan
County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for recompletion from the McCracken to the Mississippian, (this will transfer the well from the Lisbon McCracken Unit to the Lisbon Unit Mississippi PA).

API #	WELL NAME	LOCATION
43-037-31351 LISBON B-614A		0300-FNL 2434-FWL 14 30S 24E
Top of Mississippian		0198-FSL 2512-FEL 11 30S 24E

This office has no objection to approving the recompletion at this time.

/s/ Michael L. Coulthard

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

MCoulthard:mc:11-17-99



TOM BROWN, INC.

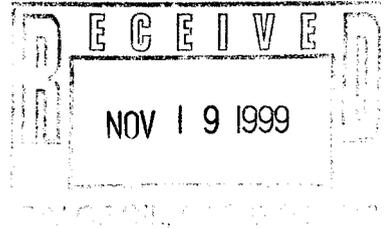
November 19, 1999

Via Fax (801) 359-3940

Utah Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

Attention: Ms. Lisha Cordova

Re: Lisbon Mississippian Unit
Township 30 South, Range 24 East
San Juan County, Utah



Ladies and Gentlemen:

As follow-up to your phone conversation with Mr. Byron Gayle of our office, please be advised that within the Lisbon Mississippian Unit, all leases, wells (including the Lisbon B-614A Well), and working interests are committed to said Unit. Therefore, working interest ownership is consistent throughout the entire Unit as to the Mississippian formation.

If you have any questions or require further information, please feel free to contact the undersigned or Mr. Byron Gayle at the letterhead telephone number. Thank you for your cooperation.

Very truly yours,

L. D. Lillo
Division Land Manager

cc: Byron Gayle

LDL/UT OGM.pm

***** FACSIMILE COVER SHEET *****

NOV-19-1999 14:11

Message To:

918013593940

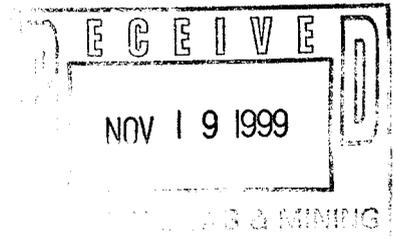
Message From:

TOM BROWN DENVER
303 260 5000

06

Page(s)

Following This Cover Page





TOM BROWN, INC.

555 Seventeenth Street, Suite 1850
Denver, Colorado 80202-3918

Engineering Department

FAX

DATE: 11/19/99 TRANSMITTAL #: _____

Number of Pages (Including Cover): 36

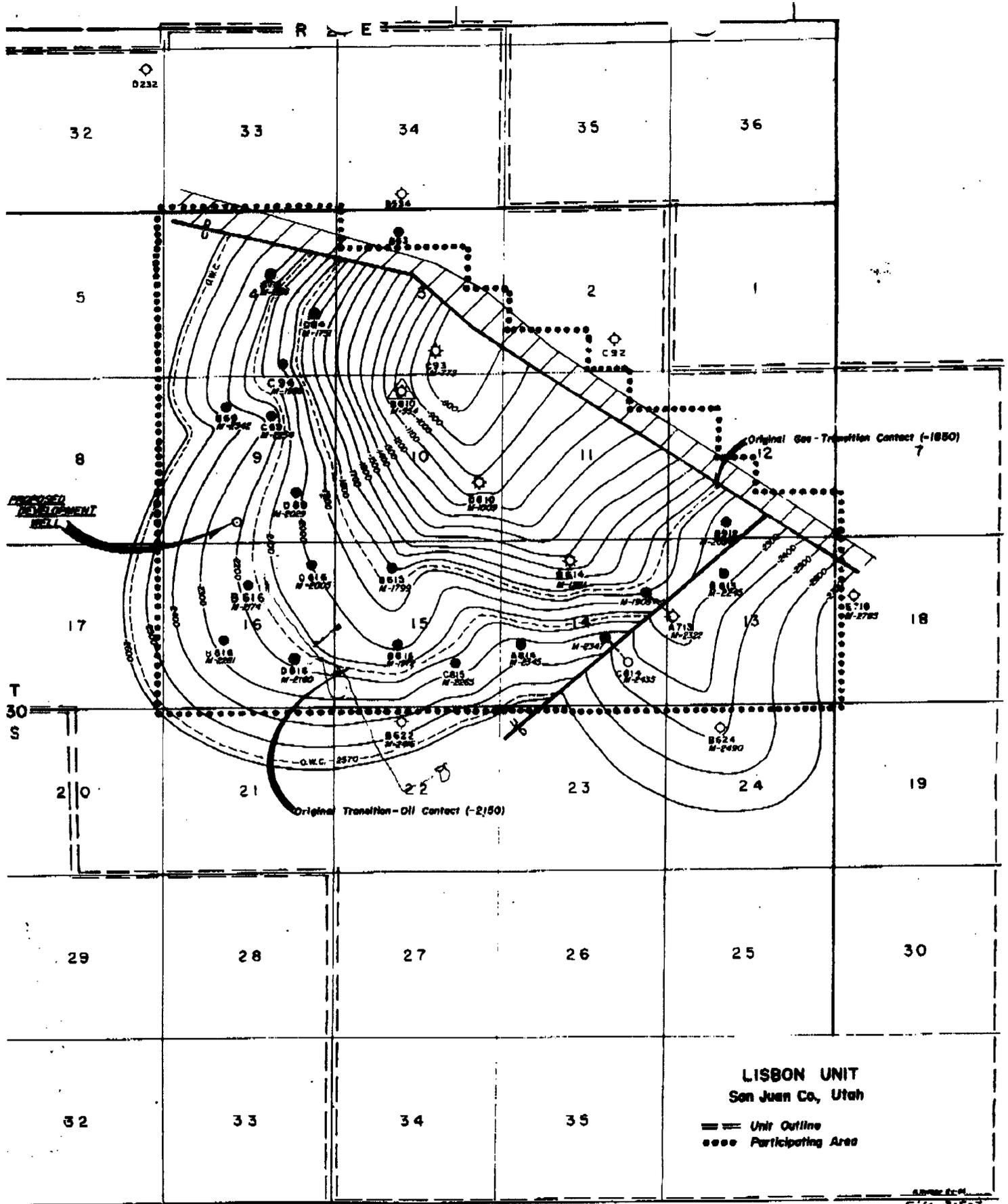
TO: LISHA CORDOVA 801-359-3940

FROM: BYRON GALE

MESSAGE: LISBON UNIT OUTLINE AND WORKING
INTEREST OWNERS WITHIN LISBON
MISSISSIPPIAN UNIT. I'VE ASKED
OUR LAND DEPT. TO PROVIDE
UNIT AGREEMENT AND UPDATED
MAP.

***If Problems occur please call Tom Brown, Inc. at 303/260-5000

Tom Brown's Engineering Department Fax #: 303/260-5007 & 303/260-5008



LISBON UNIT
San Juan Co, Utah

- == Unit Outline
- Participating Area

SCHEDULE "2.1(ii)" WELLS FOR SCHEDULE 2.1 (i)

Attached to and made a part of that certain PURCHASE AND SALE AGREEMENT dated June 8, 1999, by and between TOM BROWN, INC. and Union Oil Company of California

Unit Name HOOK & LADDER
 County SAN JUAN
 State UTAH

<u>Company Well Name</u>	<u>SEC and 1/4 OF 1/4</u>	<u>TWP</u>	<u>RNG</u>	<u>STATUS</u>	<u>GW</u>	<u>NRI</u>	<u>COMMENTS</u>
HOOK & LADDER 15-25	25 SENE	29S	23E	GSI	0.5	0.4190085	WI BEFORE PAYOUT

Unit Name LISBON (McCRACKEN) UNIT
 County SAN JUAN
 State UTAH

<u>Company Well Name</u>	<u>SEC and 1/4 OF 1/4</u>	<u>TWP</u>	<u>RNG</u>	<u>STATUS</u>	<u>GW</u>	<u>NRI</u>	<u>COMMENTS</u>
LISBON D 610	10 NENE	30S	24E	PGW	1	0.8311354	
LISBON FEDERAL B 614-A	14 NENW	30S	24E	POW	1	0.8311354	
LISBON B 810	10 NESW	30S	24E	POW	1	0.8311354	
LISBON B 610	10 NENW	30S	24E	POW	1	0.8311354	

Unit Name LISBON (MISSISSIPPIAN) UNIT
 County SAN JUAN
 State UTAH

<u>Company Well Name</u>	<u>SEC and 1/4 OF 1/4</u>	<u>TWP</u>	<u>RNG</u>	<u>STATUS</u>	<u>GW</u>	<u>NRI</u>	<u>COMMENTS</u>
LISBON B 94	4 SESW	30S	24E	OSI	0.9583452	0.8162352	
LISBON D 89	9 NESE	30S	24E	POW	0.9583452	0.8162352	

SCHEDULE "2.1(ii)" WELLS FOR SCHEDULE 2.1 (i)

Attached to and made a part of that certain PURCHASE AND SALE AGREEMENT dated June 8, 1999, by and between
TOM BROWN, INC. and Union Oil Company of California

LISBON B 614	14 NENW	30S	24E	POW	0.9583452	0.8162352
LISBON B 610	10 NENW	30S	24E	GIW	0.9583452	0.8162352
LISBON D 610	10 NESE	30S	24E	PGW	0.9583452	0.8162352
LISBON B 624	24 NENW	30S	24E	WDW	0.9583452	0.8162352
LISBON B 84	4 NESW	30S	24E	POW	0.9583452	0.8162352
LISBON D 84	4 NESE	30S	24E	POW	0.9583452	0.8162352
LISBON C 99 FEDERAL	9 SESW	30S	24E	TA	0.9583452	0.8162352
LISBON FEDERAL A 911	11 SWSW	30S	24E	PGW	0.9583452	0.8162352
LISBON D 716	16 SWNE	30S	24E	OSI	0.9583452	0.8162352
LISBON C 910	10 SWSE	30S	24E	POW	0.9583452	0.8162352
LISBON B 814	14 NESW	30S	24E	OSI	0.9583452	0.8162352
LISBON A 715	26 SESW	30S	24E	TA	0.9583452	0.8162352
LISBON C 94	4 SWSE	30S	24E	POW	0.9583452	0.8162352
LISBON C 715	15 NESW	30S	24E	TA	0.9583452	0.8162352
LISBON B 615	15 NENW	30S	24E	POW	0.9583452	0.8162352
LISBON A 713A	13 SWNW	30S	24E	GSI	0.9583452	0.8162352
LISBON D 616	16 NENE	30S	24E	POW	0.9583452	0.8162352
LISBON A 814	14 NWSW	30S	24E	TA	0.9583452	0.8162352
LISBON B 613	13 NENW	30S	24E	OSI	0.9583452	0.8162352
LISBON B 616	16 NENW	30S	24E	TA	0.9583452	0.8162352
LISBON B 815	15 NESW	30S	24E	TA	0.9583452	0.8162352
LISBON B 816	16 NESW	30S	24E	WDW	0.9583452	0.8162352

SCHEDULE "2.1(i)" WELLS FOR SCHEDULE 2.1 (i)

Attached to and made a part of that certain PURCHASE AND SALE AGREEMENT dated June 8, 1999, by and between TOM BROWN, INC. and Union Oil Company of California

LISBON C 69	9 NWNE	30S	24E	OSI	0.9583452	0.8162352
LISBON B 912	12 SESW	30S	24E	POW	0.9583452	0.8162352

Unit Name **DESERT SPRINGS**
 County **SWEETWATER**
 State **WYOMING**

<u>Company Well Name</u>	<u>SEC and 1/4 OF 1/4</u>	<u>TWP</u>	<u>RNG</u>	<u>STATUS</u>	<u>GW</u>	<u>NRI</u>
DESERT SPRINGS UNIT 16	13 SWNE	21N	98W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 12	23 SWNE	21N	98W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 14	24 SWNE	21N	98W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 15	25 SWNE	21N	98W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 17	14 SWNE	5E	21N	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 18	27 SESE	21N	98W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 20	30 NWSE	21N	97W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 22	19 SW	21N	97W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 4	35 CSE	21N	98W	GWSI	0.5135786	0.4450675
DESERT SPRINGS UNIT 24	31 SENW	21N	97W	PGW	0.5135786	0.4450675
DESERT SPRINGS UNIT 23	5 490' FNL & 1150' FEL	20N	98W	GWSI	0.5351787	0.463837
DESERT SPRINGS UNIT 23	5 NENE	20N	98W	PGW	0.5135786	0.4450675



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Entered into database
as a Sundry
- not APD
DTS
1/10/2000
Plugback/Recompl.
w/ CIBP

November 22, 1999

Tom Brown, Inc.
555 17th Street, Suite 1850
Denver, Colorado 80202-3918

Re: Lisbon B-614A Well, 300' FNL, 2434' FWL, NE NW, Sec. 14, T. 30 S., R. 24 E.,
San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31351.

Sincerely,


John R. Baza
Associate Director

lwp

Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Tom Brown, Inc.

Well Name & Number: Lisbon B-614A

API Number: 43-037-31351

Lease: Federal **Surface Owner:** Federal

Location: NE NW **Sec.** 14 **T.** 30 S. **R.** 24 E.

Permitted Bottom Hole Location: 198' FSL , 2512' FEL

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

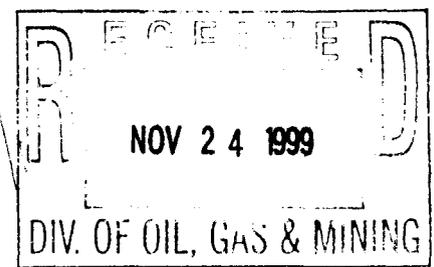
3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

5. In accordance with Utah Admin. R649-3-11, Directional Drilling, submittal of a complete angular deviation and directional survey report is required.

TOM BROWN, INC.



November 19, 1999

Via Fax (801) 359-3940

Utah Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

Attention: Ms. Lisha Cordova

Re: Lisbon Mississippian Unit
Township 30 South, Range 24 East
San Juan County, Utah

Ladies and Gentlemen:

As follow-up to your phone conversation with Mr. Byron Gayle of our office, please be advised that within the Lisbon Mississippian Unit, all leases, wells (including the Lisbon B-614A Well), and working interests are committed to said Unit. Therefore, working interest ownership is consistent throughout the entire Unit as to the Mississippian formation.

If you have any questions or require further information, please feel free to contact the undersigned or Mr. Byron Gayle at the letterhead telephone number. Thank you for your cooperation.

Very truly yours,

A handwritten signature in cursive script, appearing to read "L. D. Lillo".

L. D. Lillo
Division Land Manager

cc: Byron Gayle

LDL/UT OGM.pm

**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.
UTSL-070008A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation
Lisbon Unit

8. Well Name and No.
B-614A

9. API Well No.
43-037-31351

10. Field and Pool, or Exploratory Area
Mississippian

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

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well Well Other

2. Name of Operator
Tom Brown, Inc.

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)
**Sec. 14, T30S, R24E
300'FNL & 2434' FWL NENW**

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 type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Return to Production</u>
	<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.)*

Tom Brown Inc., Wishes to inform you that the recompletion work on Lisbon Unit well# B-614A conversion from a producing McCracken oil well to a producing Mississippian gas well is complete. The well was brought on production on 12-03-99.

RECEIVED

JAN 10 2000

DIVISION OF OIL, GAS & MINING

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

Signed *Phil J. Cortez* Title *Field Foreman* Date *1-6-2000*

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

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

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

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

<p>1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other</p>	<p>5. Lease Serial No. SL-070008-A</p>
<p>2. Name of Operator: Tom Brown, Inc.</p>	<p>6. If Indian, Allotte or Tribe Name</p>
<p>3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202</p>	<p>7. If Unit or CA/Agreement Designation Lisbon Unit</p>
<p>4. Location of Well (Footage, T, R, M, or Survey Description) 300' FNL & 2434' FWL, Sec. 14, T30S, R24E</p>	<p>8. Well Name and No. Lisbon Unit B-614A</p>
	<p>9. API Well No. 43-037-31351</p>
	<p>10. Field and Pool, or Exploratory Area Lisbon</p>
	<p>11. County or Parish, State San Juan, Utah</p>

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<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 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.)

SEE ATTACHED JOB SUMMARY AND WELLBORE DIAGRAM

RECEIVED

JAN 24 2000

DIVISION OF
OIL, GAS AND MINING

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

Name (Printed/Typed) Byron R. Gale	Title Operations Engineer	
Signature 	Date 01/21/2000	

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 my 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.

Well User ID: 273058 WellName: LISBON FED B 614-A(M) Target Formation :
 Operator : TOM BROWN, INC.
 Loc : STR : 14 -30S - 24E APICode : 43-037-31351
 County : SAN JUAN, UT AFE Type : ReCompletion
 Field : LISBON Total Depth : ft.
 Contractor :
 Spud Date : Rig Rel Date

Well Perforation History

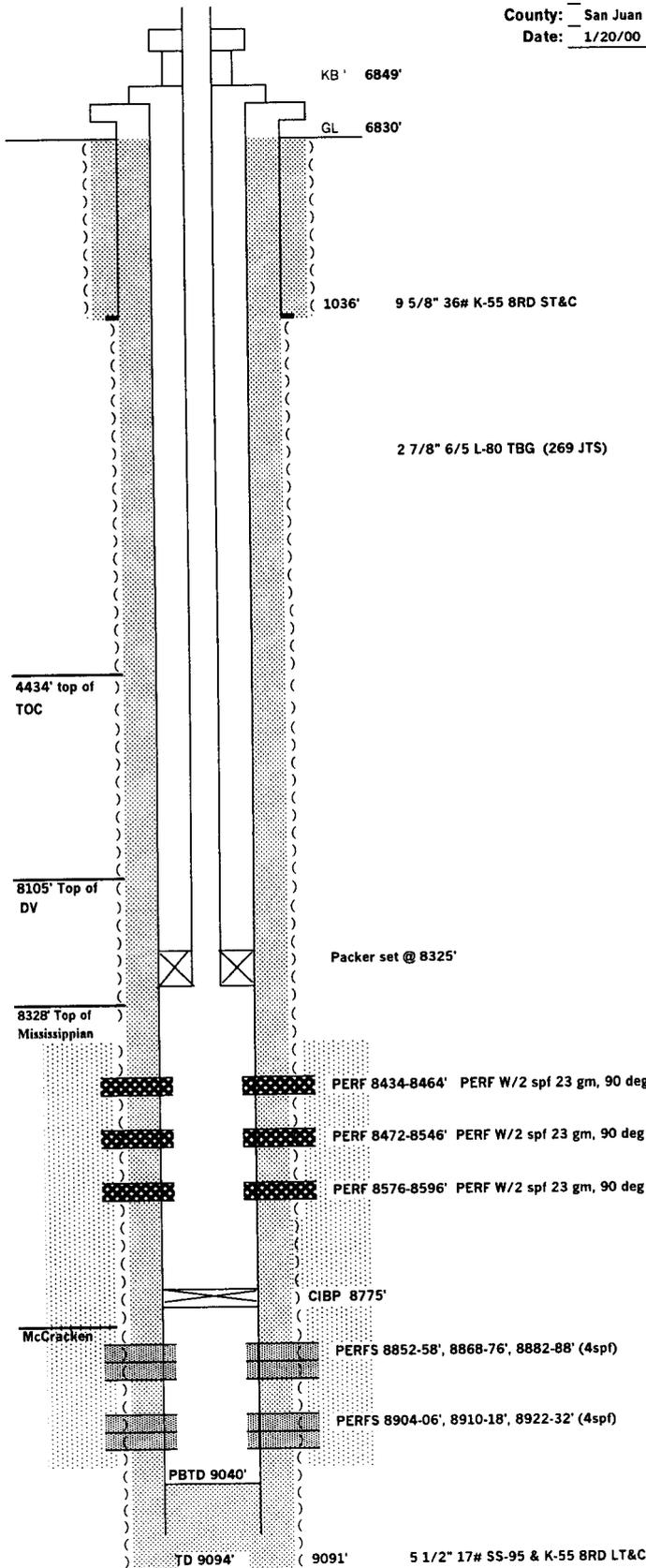
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
11/20/1999			8434	8464	2	23 gm 90 deg
11/20/1999			8472	8546	2	23 gm 90 deg
11/20/1999			8576	8596	2	23 gm 90 deg

Completions Detail Report

Date :	11/19/1999	Weather:		Days Since Spud :	
Activity:	MIRU			Days On Completion:	
Remarks :	MIRU completion unit, load csg w/50 bbls, load tbg w/30 bbls. ND wellhead, NU BOP. POOH w/tbg. SDFN.				
Date :	11/20/1999	Weather:		Days Since Spud :	
Activity:	WORK ON PUMP			Days On Completion:	
Remarks :	SICP slight blow, RIH and set CIBP @ 8775', RIH w/4" HSC 2 spf, 90 deg phasing, 23 gm charge guns and perf f/8576-96, 8472-8546, 8434-8464, well flowing 100# thru 2" line, load hole w/60 bbl fluid, RIH w/70 stds tbg, well unloaded, could not get pmp to wrk, SDFN.				
Date :	11/21/1999	Weather:		Days Since Spud :	
Activity:	HOT OIL CSG			Days On Completion:	
Remarks :	SICP 350#, fin repairing, pmp kill well, RIH w/pkr to 8350'+/-, RU and begin pmping acid, pmpd 10 bbl xylene, 10 bbl SWIC acid, tbg plugged off w/paraffin plug, could not get plug to move, RU and swb back well, could get to 4000' w/sinker bar, 3000' w/swab cups, swb well dn to 3000', SDFN.				
Date :	11/22/1999	Weather:		Days Since Spud :	
Activity:	RU HOT OILER			Days On Completion:	
Remarks :	RU hot oil, hot oil backside of tbg w/wtr to 250 deg, total fluid pmpd 150 bbl, press up on tbg pmpd plug dn tbg, SDFN.				
Date :	11/23/1999	Weather:		Days Since Spud :	
Activity:	GET WELL READY F/PROD			Days On Completion:	
Remarks :	SITP, slight vac, SICP 100, set pkr @ 8350'+/-, acid Leadville w/400 gal xylene ahead, 12000 gal 15% swic w/add, benzoic flake diverter in 2 stages, good action w/flakes, ISIP 600, well went on vac, RU and swb, IFL @ 4000', made 1 run f/5000', 2nd run stacked out on paraffin @ 3000', RIH w/sinker bar, knock out plug, RIH and make swb run f/5000', well kicked off flowed 80 bbl in 4 hrs thru 2" line, drained up, SDFD.				
Date :	11/24/1999	Weather:		Days Since Spud :	
Activity:	RIH W/PKR			Days On Completion:	
Remarks :	SITP 400, LD 8 jts of tbg in derrick, space out and set pkr, pmp pkr fluid, pmpd 150 bbl, could not get hole to load, POOH w/pkr, rubber torn off, RIH w/pkr and 60 stds of tbg, SDFN.				

WELLBORE DIAGRAM

Company: TOM BROWN INC.
 Lease Name: Lisbon
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 1/20/00



Tubing Detail

Baker Model R packer	6
Seating Nipple	1
269 jts 2 7/8" 6.5# L80 tbg	8309
KB	10
Packer set w/30,000# comp	8325

PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE

PERF 8434-8464' PERF W/2 spf 23 gm, 90 deg

PERF 8472-8546' PERF W/2 spf 23 gm, 90 deg

PERF 8576-8596' PERF W/2 spf 23 gm, 90 deg

PERFS 8852-58', 8868-76', 8882-88' (4spf)

PERFS 8904-06', 8910-18', 8922-32' (4spf)

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

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

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

<p>1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other</p>	<p>5. Lease Serial No. SL-070008-A</p>
<p>2. Name of Operator: Tom Brown, Inc.</p>	<p>6. If Indian, Allotte or Tribe Name</p>
<p>3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202</p>	<p>7. If Unit or CA/Agreement Designation Lisbon Unit</p>
<p>4. Location of Well (Footage, T, R, M, or Survey Description) 300' FNL & 2434' FWL, Sec. 14, T30S, R24E</p>	<p>8. Well Name and No. Lisbon Unit B-614A</p>
	<p>9. API Well No. 43-037-31351</p>
	<p>10. Field and Pool, or Exploratory Area Lisbon</p>
	<p>11. County or Parish, State San Juan, Utah</p>

12. CHECK APPROPRIATE BOX(ES) 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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<table style="width: 100%;"> <tr> <td><input checked="" 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 checked="" type="checkbox"/> Recomplete</td> <td><input 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>_____</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 checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	_____	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____
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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 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.)

THE LISBON B-614A WAS RECOMPLETED FROM THE McCRACKEN TO THE MISSISSIPPIAN DURING NOVEMBER OF 1999. DUE TO MINOR COMPLICATIONS DURING THE 11/99 RECOMPLETION WITH SETTING THE PACKER AND SWABBING LOAD BACK, PERFORATION PLUGGING IS A CONCERN. TOM BROWN, INC. INTENDS TO RE-PERFORATE THE EXISTING MISSISSIPPIAN INTERVAL, ACIDIZE, AND RETURN THE WELL TO PRODUCTION (SEE ATTACHED PROCEDURE AND WELLBORE SCHEMATIC).

RECEIVED

APR 07 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Byron R. Gale	Title Operations Engineer
Signature 	Date 04/04/2000

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 my 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.

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

FOR RECORD ONLY

COPY SENT TO OWNER
Date: 4-10-00
Initials: CRD

Lisbon B-614A Workover Procedure
300' FNL, 2434' FWL, Sec. 14, T30S, R24E
San Juan County, Utah

Leadville Zone Clean-up:

[Consider hot-oiling tubing prior to job.]

1. Notify BLM. Inspect anchors. Set frac tanks for flowback. RU H₂S safety equipment.
2. MIRU workover rig. Hold pre-job safety meeting.
3. Blow down well. Kill well with 2% KCl water.
(Note: Keep casing loaded throughout job to keep well dead and prevent casing collapse. Paradox Salt from 4,456' to 8,112'.)
4. ND tree. NU 7-1/16" 3,000# BOPE.
5. Release Baker model R-3 DG packer @ +/- 8,450'. TOOH w/ 2-7/8" 6.5# L-80 EUE 8rd tubing. Redress model R pkr to run back in.
6. RU WL. Swab water to minimal FL for BHP. RIH and re-perforate Mississippian w/ 4 JSPF, 90 deg phasing using 4" debris-less casing guns with 23g charges as follows: (Correlate to Schlumberger Borehole Compensated Sonic Log run 6/29/88.)

8,434' – 8,464'
8,472' – 8,546'
8,576' – 8,596'
7. PU and TIH w/ Baker model R-3 DG packer on inspected 2-7/8" tubing. Set packer @ 8,375'.
8. RU acid equipment. Open packer bypass, spot 6,000 gal 15% SWIC HCl w/ nitrogen, ball sealers, and additives per attached recommended procedure. Close bypass and breakdown perms. Flush to top of perforations and flow back until load recovered.
9. Load backside w/ inhibited packer fluid from surface. Pressure test casing and packer to 1,000#.
10. ND BOPE. NU tree.
11. Swab well in. RTP. RDMO.

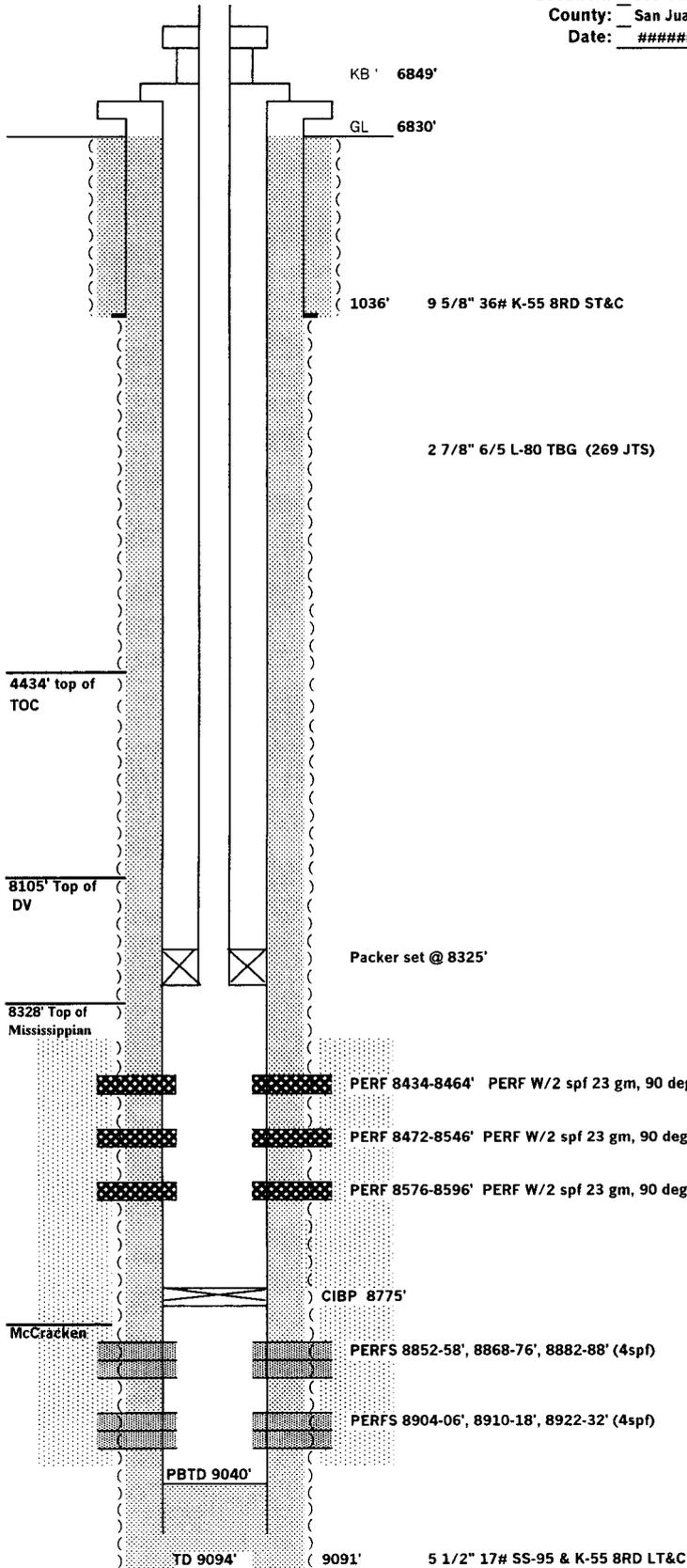
RECEIVED

APR 07 2000

DIVISION OF
OIL, GAS AND MINING

WELLBORE DIAGRAM

Company: TOM BROWN INC.
 Lease Name: Lisbon
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: #####



Tubing Detail

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Seating Nipple	1
269 jts 2 7/8" 6.5# L80 tbg	8309
KB	10
Packer set w/30,000# comp	8325

PERFS 8434-64', 8472-46', 8576-96'
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RECEIVED

APR 07 2000

DIVISION OF
 OIL, GAS AND MINING

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

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

COPY

SUBMIT IN TRIPLICATE

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<p>3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202</p>	<p>7. If Unit or CA/Agreement Designation Lisbon Unit</p>
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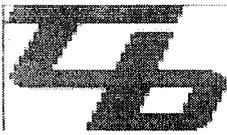
SEE ATTACHED JOB SUMMARY AND WELLBORE DIAGRAM

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Sandy Ocker	Title Engineering Tech
Signature <i>Sandy Ocker</i>	Date 10/2/00

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	

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Tom Brown, Inc.

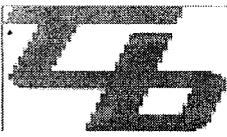
555 17th Street, Suite 1850
Denver CO 80202-3918
Phone : (303) 260-5058 Fax : (303) 260-5007

LISBON FED B 614-A (M) Completion Chronological Report Page 1 of 2

Well User ID : 273058 Well Name : LISBON FED B 614-A (M) AFE # : W00U041
Operator : TOM BROWN, INC. WI : 0.958345 NRI 0
Loc : STR : 14 -30S - 24E
County : SAN JUAN, UT APICode : 43-037-31351
Field : LISBON
Contractor : AFE Type : Workover
Spud Date : Rig Rel Date : Total Depth : ft.
Comp Date : PBTD : ft.

Completions Detail Report

<u>Date</u> : 5/2/2000	<u>Activity</u> : Perforating	<u>Days On Completion</u> : 1
<u>Rpt Summary</u> : Perforating, Mississippian		
<u>Report Detail</u> : MIRU completion unit, pump 80 bbl, 2% KCL dn tbg, ND WH, NU BOP, rel pkr, POOH w/tbg and pkr, SDFN.		
<u>Date</u> : 5/3/2000	<u>Activity</u> : Acidizing	<u>Days On Completion</u> : 2
<u>Rpt Summary</u> : Acidize		
<u>Report Detail</u> : SICP 1000, bleed off well, RIH and perf 8434-64, 8472-8546, 8576-96 w/4 spf, 23 gm charge, 90 deg phasing, CP 1000#, pump 80 bbl 2% dn csg, RIH w/264 jts 2 7/8 tbg to 8310'+/-, set pkr w/24000 compression SDFN. BLTRW 220.		
<u>Date</u> : 5/4/2000	<u>Activity</u> : Flow to Sales	<u>Days On Completion</u> : 3
<u>Rpt Summary</u> : Flow to sales		
<u>Report Detail</u> : SITP 1000, RU and acidize dn 2 7/8" tbg w/6000 gal 15% HCL, additives and N2 assist, avg rate 10 BPM, avg press 1800, ISIP 1100, opened well to tk on 32/64 choke f/flowback total fluid used 200 bbl		
<u>Date</u> : 5/5/2000	<u>Activity</u> : Swabbing	<u>Days On Completion</u> : 4
<u>Rpt Summary</u> : Swab/flow		
<u>Report Detail</u> : Recovered 220 BF. SITP-1000, pump 40 bbls dn. Tbg reset pkr. Attempt to pressure test. Pumped 150 bbls pkr fluid w/no pressure. POOH w/pkr, RIH w/pkr model "R" pkr set pkr & load backside w/pkr fluid & test to 700#. ND BOP NU WH, SDFN.		
<u>Date</u> : 5/6/2000	<u>Activity</u> : Flow to Sales	<u>Days On Completion</u> : 5
<u>Rpt Summary</u> : Flow to sales.		
<u>Report Detail</u> : SITP 1000#, opened well up f/flow back to frac tank f/8 hrs on 32/64' ck. Tbg in well. Baker model "R" pkr 2400\$ @ 8285 seating nipple, 233 jts tbg 2 7/8" 8274' KB 10. FINAL REPORT.		
<u>Date</u> : 5/7/2000	<u>Activity</u> : Flow to Sales	<u>Days On Completion</u> : 6
<u>Rpt Summary</u> : Flow to sales		
<u>Report Detail</u> : Turn well to sales. FTP - 800 PSIG Initial rate 2000 mcf.		
<u>Date</u> : 5/8/2000	<u>Activity</u> : Flow to Sales	<u>Days On Completion</u> : 7
<u>Rpt Summary</u> : Flow to sales		
<u>Report Detail</u> : Flowing to sales. Well loading up. Rate drop to 250 mcf.		
<u>Date</u> : 5/9/2000	<u>Activity</u> : Flow to Sales	<u>Days On Completion</u> : 8
<u>Rpt Summary</u> : Flow to sales		
<u>Report Detail</u> : SWI for press Build up to record remaining load.		



Tom Brown, Inc.

555 17th Street, Suite 1850
Denver CO 80202-3918
Phone : (303) 260-5058 Fax : (303) 260-5007

Completion Chron Report

LISBON FED B 614-A (M) Completion Chronological Report Page 2 of 2

Well User ID : 273058	Well Name : LISBON FED B 614-A (M)	AFE # : W00U041
Operator : TOM BROWN, INC.		WI : 0.958345 NRI 0
Loc :	STR : 14 -30S - 24E	
County : SAN JUAN, UT	APICode : 43-037-31351	
Field : LISBON		
Contractor :		AFE Type : Workover
Spud Date :	Rig Rel Date :	Total Depth : ft.
Comp Date :		PBTD : ft.

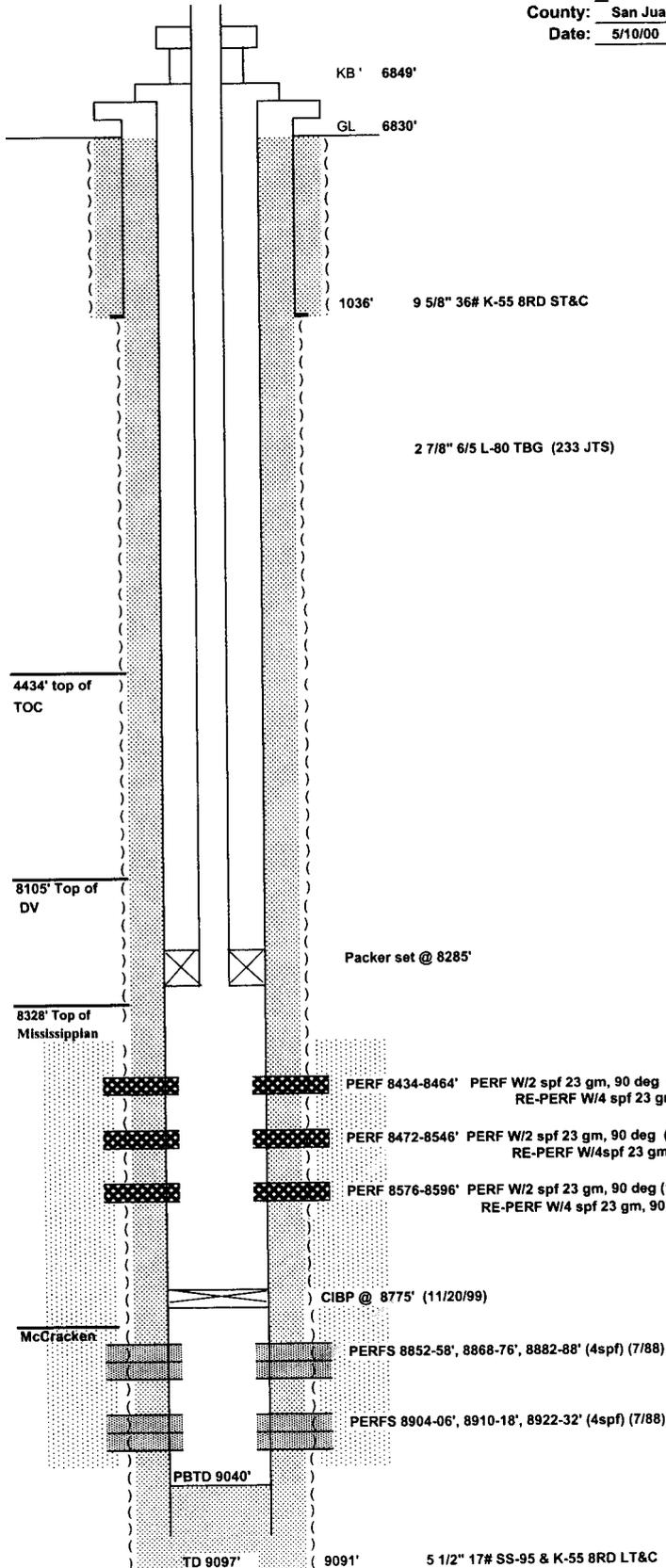
Date : 5/10/2000 Activity: Flow to Sales Days On Completion : 9

Rpt Summary : Flow to sales.

Report Detail : Flowing 1 mmcf. FINAL REPORT.

WELLBORE DIAGRAM

Company: TOM BROWN INC.
 Lease Name: Lisbon
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 5/10/00



Spud date 5/18/88
 Rig Release 6/25/88

Tubing Detail	
Seating Nipple	1
233 jts 2 7/8" 6.5# L80 tbg	8274
KB	10
Baker "R" pkr2400 set @	8285

PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE (11/23/99)

RE-PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/6000 gal 15% HCL, additives
 and N2 assist (5/4/00)

Packer set @ 8285'

PERF 8434-8464' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)

PERF 8472-8546' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)

PERF 8576-8596' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (5/3/00)

CIBP @ 8775' (11/20/99)

PERFS 8852-58', 8868-76', 8882-88' (4spf) (7/88)

PERFS 8904-06', 8910-18', 8922-32' (4spf) (7/88)

PBTD 9040'

TD 9097' (9091' 5 1/2" 17# SS-95 & K-55 8RD LT&C

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

COPY

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. Lease Serial No. SL-070008-A

6. If Indian, Allottee or Tribe Name

1a. Type of Well: Oil Well Gas Well Dry Other: _____

1b. Type of Completion: New Well **Workover** Deepen Plug Back Diff. Reserv. Other: _____

2. Name of Operator: Tom Brown, Inc. Sandy Ocker 303-260-5011

3. Address: 555 Seventeenth Street, Suite 1850, Denver, Colorado 80202-3918

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 300' FNL & 2434' FWL NENW Sec 14, T30S-R24E
At top prod. interval reported below
198' FSL & 2512' FEL Sec 11, T30S-R24E (Top Mississippi at 8328')
217' FSL & 2531' FEL (SWSE) Sec 11, T30S-R24E (Top McCracken at 8825')
At total depth 235' FSL & 2548' FEL (SWSE), Sec 11, T30S-R24E

7. Unit or CA Agreement Name and No. Lisbon Unit

8. Lease Name and Well No. Lisbon Unit B 614A

9. API Well No. 43-037-31351

10. Field and Pool, or Exploratory Lisbon

11. Sec., T., R., M., on Block and Survey or Area Sec 14, T30S-R24E

12. County/Parish San Juan County 13. State Utah

14. Date Spudded 5/18/88 15. Date T.D. Reached 6/25/88 16. Date Completed. (prod) 5-10-00
 D&A Ready to Prod. original completion 7/14/88 17. Elevations (DF, RKB, RT, GL) *
 KB 6849' GL 6830' ungraded

18. Total Depth: MC MD 9097' TVD 19. Plug Back T.D.: MD 9040' ETD 20. Depth Bridge Plug Set: CIBP @ 8750'

21. Type Electric & Other Mechanical Logs Run (Submit Copy of each)
Original - CCL/GR, CBL w/VDL, DLL-MSFL, LDT, CNL, NGT, GR-BHC, HDT, Cyberlook & Dipmeter.

22. Was Well Cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skis & Type of Cement	Slurry vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" K-55	36# 8rd ST&C	surface	1036'		435 sxs			
8 3/4"	5 1/2" SS95&K55	17 # 8rd LT&C	surface	9091'		1520 sxs			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"		8285'	"R" 2 1/2"					

25. Producing Intervals see wellbore diagram for more details 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Mississippian	8328'	8825'	8434-64', 8472-8546', 8576-96'	23 gm	2 spf	open
B)			same as above	23 gm	4 spf	open
C) McCracken	8852'	TD	8852-58-8868-76', 8922-32'	23 gm	4spf	below CIBP @8775' open
D)			8904-06', 8910-18', 8922-32'	23 gm	4 spf	below CIBP @8775' open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8852' - 8932'	4000 gals 15 % HCL w/NE & LST additives, w/240 7/8" ball sealers
8334' - 8596'	11/23/99 - acidize w/400 gals Xylene, 12000 gals 15% SWIC w/add Benzoic Flake
	5/3/00 - Acidize w/6000 gals 15% HCL, additives and N2 assist

28. Production - Interval A

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
5/6/00	5/7/00	24 hrs			2000				flowing
Choke Size	Tbg Press. Fhwg./SI	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	
1/10"	800 psig				2000			producing	

28a. Productin - Interval B

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
7/21/88	7/25/1988	24 hrs		225	1103		0		flowing
Choke Size	Tbg Press. Fhwg./SI	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	
1/10"	875-845 psi			225	1103		0	4902:1	

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press. Flwg./ 81	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	

28c. Productin - Interval D

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press. Flwg./ 81	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Cutler	1356'	2230'	Shale, shaley sandstone & porous sandstone. (Porous sandstones are water wet. No test.)	Cutler	1356'
Honaker Trail	2230'	3427'	Sandstones, shales & limestones. (Porous sandstones and limestones are water wet. No test.)	Honaker Trail	2230'
La Sal	3427'	3566'	Limestone (Water wet. No Tests.)	La Sal	3427'
Paradox	4068'	4360'	Anhydrite, shale & porous dolomite. (Porous dolomites contain minor oil. No test.)	Paradox	4068'
Redwall	8328'	8638'	Limestone and porous dolomite (Porous dolomite contains gas.)	Top Salt	4456'
McCracken	8825'	8934'	Sandstone with minor dolomite and shale. (Porous sandstones contain oil.)	Gase Salt	8112'
Lynch	9010'	- -	Dolomite with low porosity. (Porosity contains oil.)	(Top Pinkerton Trail)	
				Redwall	8328'
				Ouray	8638'
				Elbert	8750'
				McCracken	8825'
				Aneth	8934'
				Lynch	9010'

32. Additional remarks (Include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other:

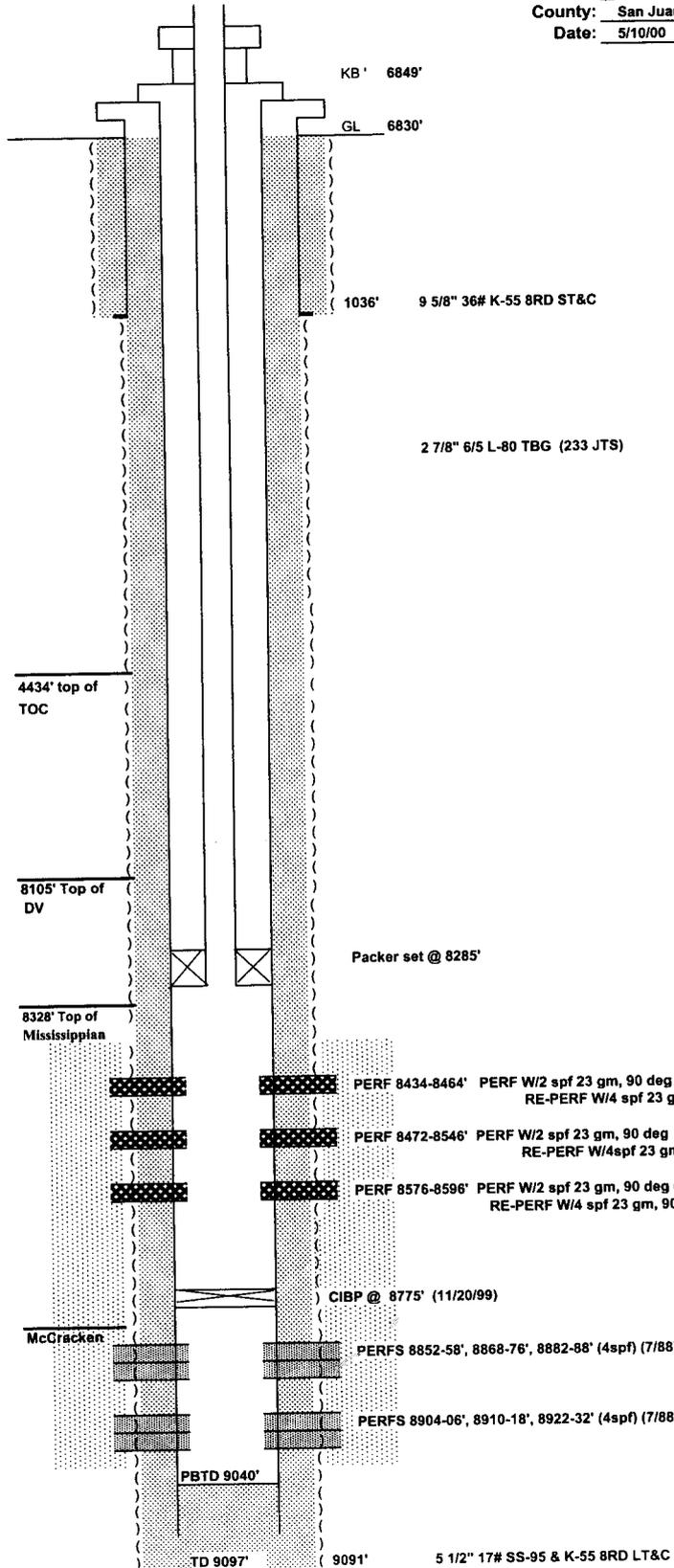
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Sandy Ocker Title Engineering Tech
 Signature  Date 09/28/00

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.

WELLBORE DIAGRAM

Company: TOM BROWN INC.
 Lease Name: Lisbon
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 5/10/00



Spud date 5/18/88
 Rig Release 6/25/88

Tubing Detail	
Seating Nipple	1
233 Jts 2 7/8" 6.5# L80 tbg	8274
KB	10
Baker "R" pkr2400 set @	8285

PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE (11/23/99)

RE-PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/6000 gal 15% HCL, additives
 and N2 assist (5/4/00)

PERF 8434-8464' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)

PERF 8472-8546' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)

PERF 8576-8596' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (5/3/00)

CIBP @ 8775' (11/20/99)

PERFS 8852-58', 8868-76', 8882-88' (4spf) (7/88)

PERFS 8904-06', 8910-18', 8922-32' (4spf) (7/88)

PBTD 9040'

TD 9097' (9091' 5 1/2" 17# SS-95 & K-55 8RD LT&C

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, Allotte or Tribe Name

7. Unit Agreement Name

8. Well Name and Number

1. Type of Well

- Oil Well Gas Well Other

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 |

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 2/24/05

ER
Division of Oil, Gas and Mining
Earlene Russell, 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(o) 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.

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.

5. Lease Serial No. SL-070008-A

6. If Indian, Allote or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

7. If Unit or CA/Agreement, Name and/or No.
Lisbon Unit

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Lisbon B-614A

2. Name of Operator
EnCana Oil & Gas (USA) Inc.

3a. Address
370 17th Street, Suite 1700, Denver, CO 80202

3b. Phone No. (include area code)
720-876-5339

9. API Well No.
43-037-31351

4. Location of Well (Footage, Sec. T., R., M., or Survey Description)
300' FNL & 2434' FWL, Sec. 14, T30S, R24E, S1PM

10. Field and Pool or Exploratory Area
Lisbon

11. County or Parish, State
San Juan, UT

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

OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EnCana Oil & Gas (USA) Inc. plans to plug and abandon the subject well upon approval and reclaim the well site per the BLM's instructions.

Please find attached the Plug and Abandon Procedure and a current and proposed wellbore diagram for the subject well.

COPY SENT TO OPERATOR

Date: 12.3.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jevin Croteau

Title
Regulatory Analyst

Signature

Date

11/17/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng.

Date

11/24/09

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

DOOM

Federal Approval Of This
Action Is Necessary

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

* Recommend 100' plug @ TOL and Paradox @ 4436'

NOV 23 2009

ENCANA™



EnCana Oil & Gas (USA) Inc.

Lisbon B-614A

NENW Sec 14, T30S, R24E

Lisbon Field

San Juan County, Utah

Plug and Abandon

November 16, 2009

Supervising Engineer: Casey Korejwo, Production Engineer

Production Group Lead: Les Streeb

Team Lead: David Hill

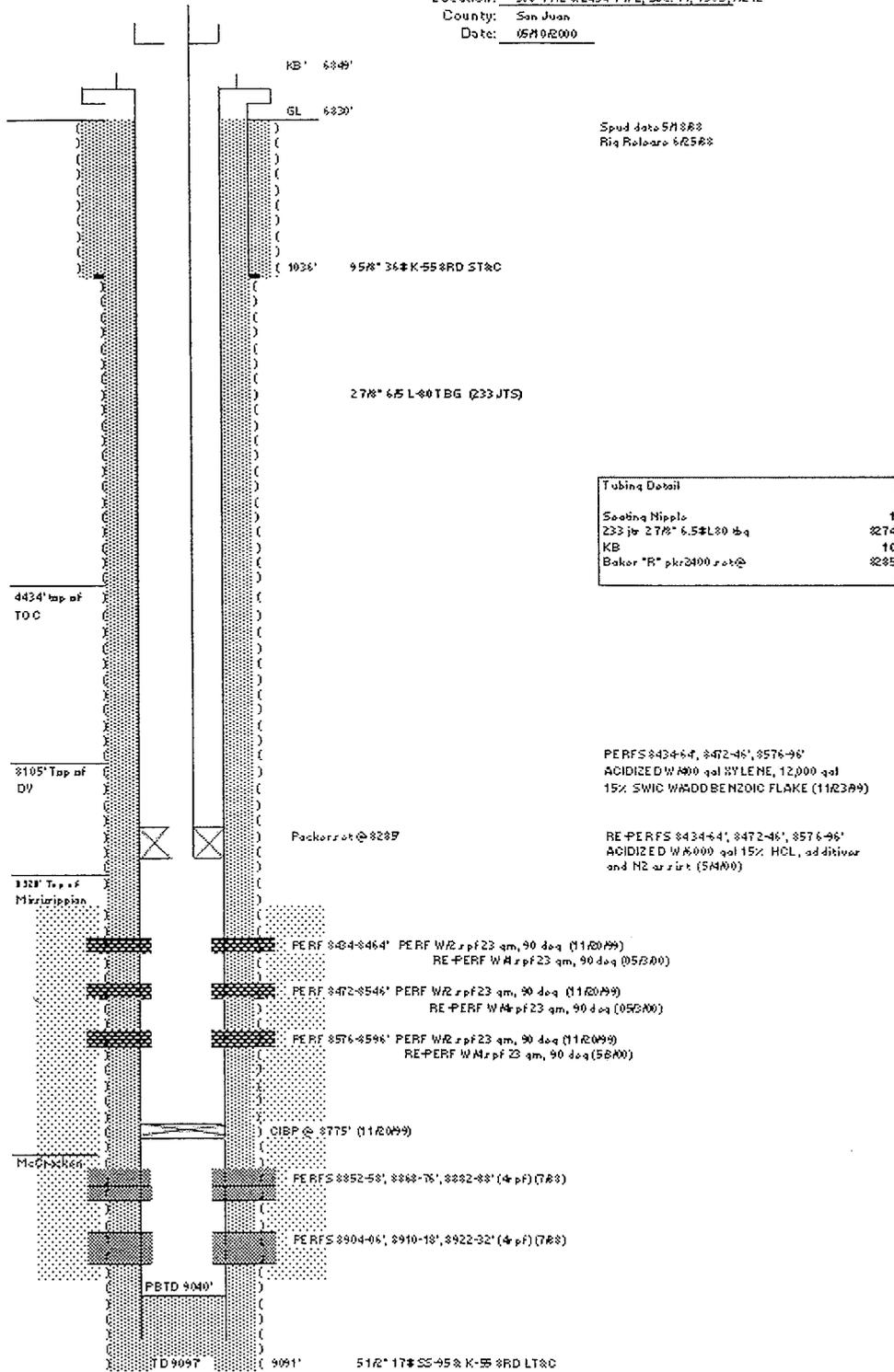
Lisbon B-614A
NENW Sec 14, T30S, R24E
Lisbon Field
San Juan County, Utah

Procedure:

1. MIRU Workover Rig
2. POOH with 2 7/8" tubing and Baker Packer
3. RIH and tag plug @ 8,775'
4. Pump 20 sx cement on plug @ 8,775'
5. Fill hole with 9 ppg fresh water mud
6. RIH w/ CIBP, mechanical set @ ~ 8400'
7. Pump 20 sx cement on CIBP @ 8,400'
8. Circulate hole with 9 ppg mud
9. MIRU wireline
10. RIH w/ gun, perforate 4 holes @ ~ 1,061'
11. POOH w/ guns
12. RIH w/ CICR, wireline set @ ~ 1036'
13. RIH with tubing, sting into retainer. Establish circulation to surface with water. If circulation is established, pump cement to surface. Sting out of retainer and spot 100' cement on top of retainer.
14. If circulation can not be established in step 13, sting out of retainer and spot 100' cement on top of retainer.
15. POOH with tubing, reverse circulate clean.
16. RIH set CIBP @ 60'
17. Fill hole w/ cement
18. Cut casing off 4' below surface, weld on plate
19. RDMO workover rig

WELLBORE DIAGRAM

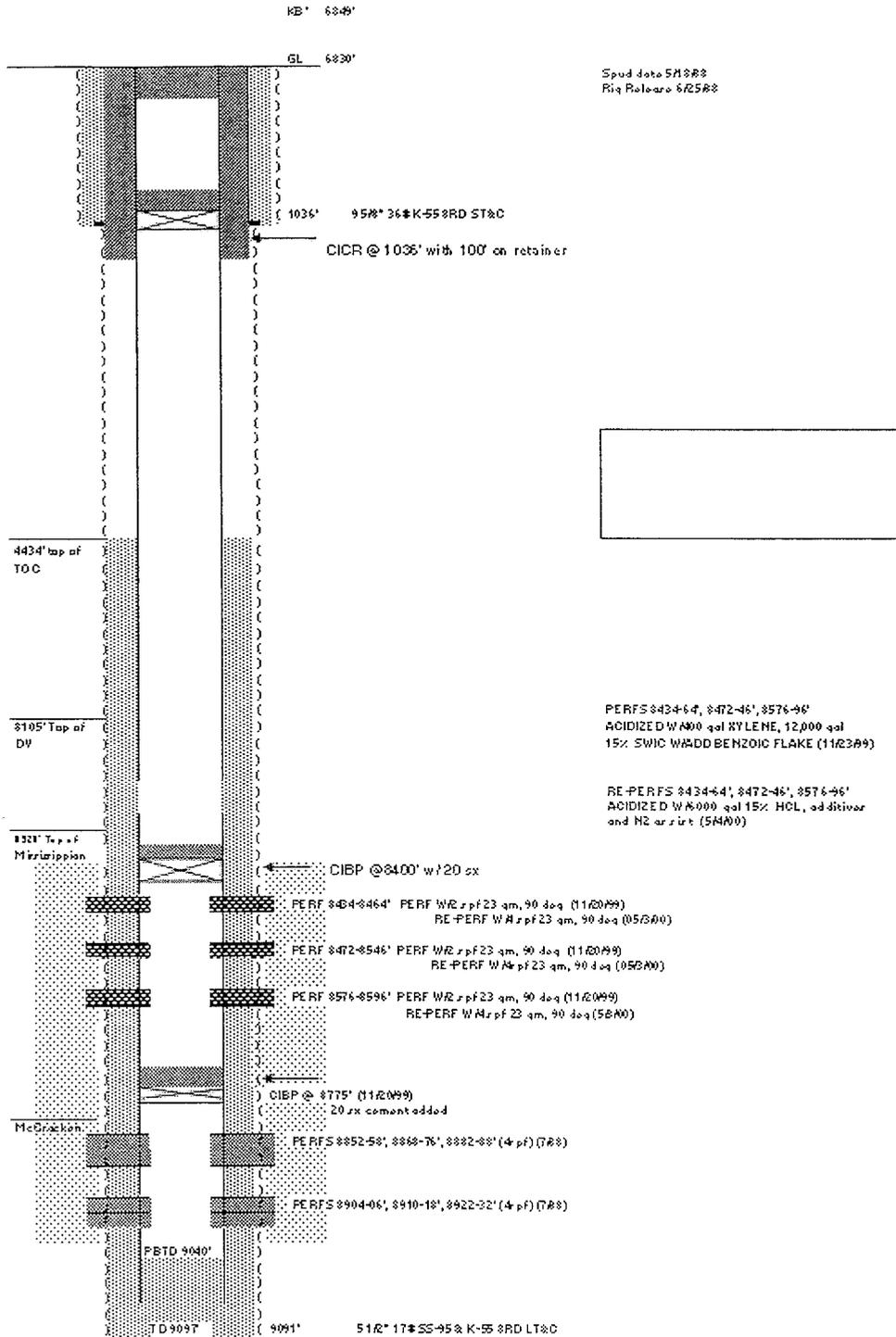
Company: TOM BROWN INC.
 Lease Name: Liban
 Lease Number: B-6145
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 05/10/2000



WBD Proposed

WELLBORE DIAGRAM

Company: TOM BROWN INC.
 Lease Name: Lubin
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 05/02/00



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 WILDCAT:
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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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. *RUB0013207 + 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

(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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-070008A
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LISBON B-614A
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037313510000
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/6/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Patara Oil & Gas LLC intends to begin recompletion operations on the subject well to re-establish production from the McCracken formation. The previous operator, EnCana Oil & Gas USA, applied to P&A the well in 2009, however operations were never completed, and the well has remained in a shut in state since. Patara believes production can be re-established from the McCracken formation in payable quantities, and proposes the following operational procedures: Please see the attached procedures and wellbore diagram for detailed information. Please contact the undersigned with any questions. Thank you.

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

Date: March 07, 2012

By: *Derek Quist*

NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A	DATE 3/6/2012	

**Lisbon B-614A McCracken Recompletion
Section 14-T30S-R24E
San Juan County, Utah
3/2/2012**

Well Data

KB: 6849'
GL: 6830'

Surface Casing: 9 5/8" 36#/ft K-55 ST&C
Set at 1036'

Production Casing: 5 1/2" 17#/ft SS-95 & K-55 LT&C
Set at 9091'
Casing capacity = 0.0232 bbl/ft

Tubing: 2-7/8" L-80 Tbg (233 jts)

Packer: Baker "R" packer set @ 8285'

Perforations: McCracken Perfs (original completion in 7/88)
8852'-58', 8868'-76', 8882'-88', 8904'-06', 8910'-18', 8922'-32'
(4spf)

Mississippian Perfs (recompleted 11/20/99)
8434'-64', 8472'-8546', 8576'-96' (2 spf, re-perf w/ 4 spf)

Current PBTB is a CIBP at 8775'

Recommended Recompletion Procedure

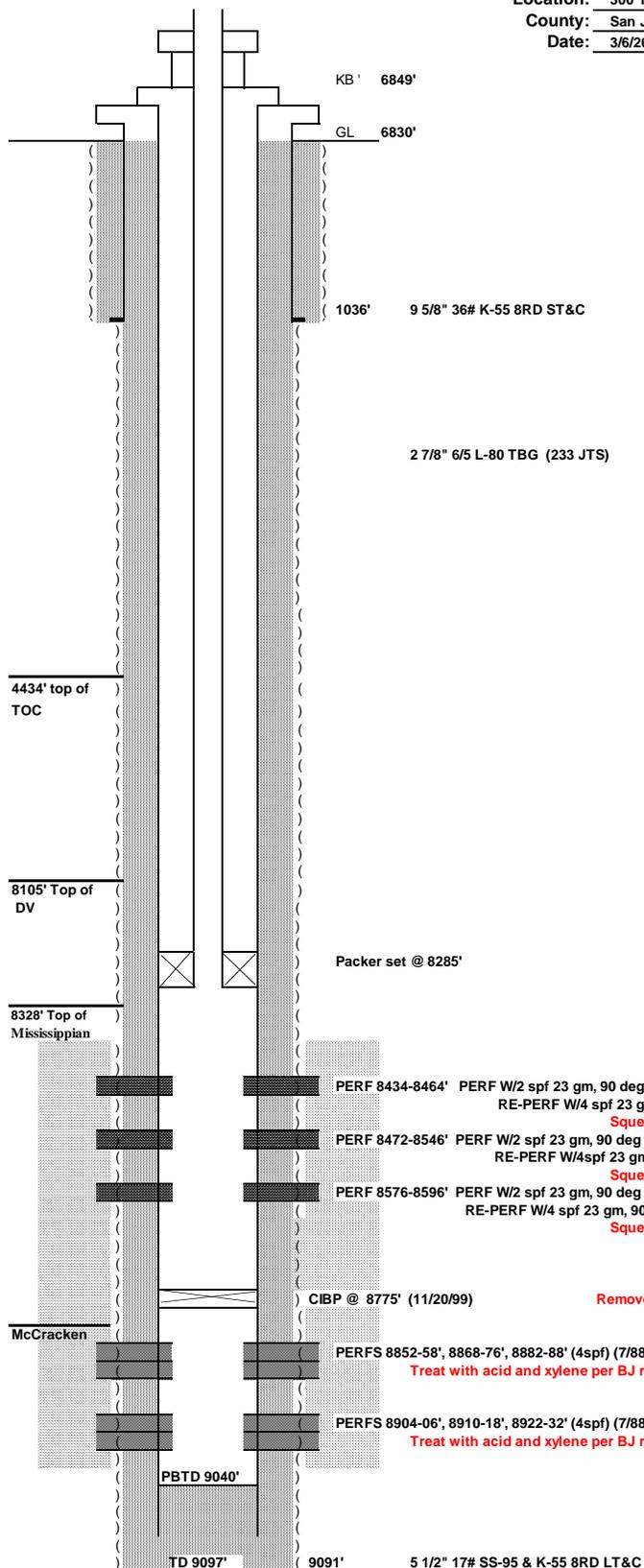
1. RU safety crew to monitor all gas venting on site during the recompletion work. Be sure to double block and bleed all flowlines and production lines on the well site. A copy of the H2S Safety Plan from the B-614A workover is enclosed for reference.
2. Load hole with produced water to kill all flow. Bleed off all H2S gas. RU workover rig and wireline unit. RIH with a pump through plug and set it in the 2 7/8" SN below the packer. If gas is still present, add additional produced water into the tubing and continue to bleed down the well.
3. RU workover rig. Be sure well is dead and H2S is monitored. ND the tree and NU BOPs w/ 2 7/8" pipe rams. PU on Baker Model R packer to release. Packer fluid on the backside should drop in level until equalized with the formation. Monitor both tbg and csg for H2S levels. Examine tree for reuse.

4. TOOH LD 2 7/8" tubing and packer. Be sure to keep the hole filled and monitor H2S levels. Move the 2 7/8" tbg off working racks.
5. Unload 290 jts (approximately 9150') of 2 7/8" N80 8rd EUE workstring.
6. RIH with bit and scraper for clean out run.
7. RU Wireline and RIH taking static pressure gradients every 25' from 8300' to 8600', taking a longer stop at 8450'.
8. MU a retainer on the tbg and TIH. Set the retainer above the Mississippian perms at 8380' (csg collars at 8362' and 8407'). This will give 54' of staging room on the final squeeze attempts.
9. RU cementing company. Mix 300 sacks of squeeze cement slurry. Pump 10 bbls fresh water spacer, cement slurry, 10 bbls fresh water spacer and follow w/ produced water. Pump cement into perms (anticipate that Mississippian formation will take the cement slurry without a problem. Displace the final 10 bbl water spacer to the btm of the retainer. SD if needed to give thickening time. Stage the cement to give an ultimate squeeze pressure of 1000 psi. Be sure not to stage the cement below the top perf. PU out of retainer and reverse circulate tubing using produced water. WOC.
10. POOH w/ tbg. MU bit and drill collars (if weight is needed). TIH and tag cement. If cement begins drilling green, SD and WOC. Otherwise drill out the cement through the perms and test to 1000 psi. If squeeze doesn't test, POOH and repeat the squeeze attempt.
11. If squeeze tests, then TIH to CIBP at 8775' and drill out the CIBP. Continue to clean out the hole to 9040'. POOH. Continue to monitor for any H2S leakage.
12. RU Weatherford and run cased hole neutron log from 8600' to 8300'.
13. RIH w/ 2-7/8" x 4' pup joint, Arrowset IX packer 10K (double grip packer), and 2-7/8" work string. Set packer at 8800'. Pressure up to 1000 psi on backside and hold. Breakdown McCracken perms with acid and xylene treatment per BJ recommendation.

14. POOH w/ tbg and packer.
15. MU a no-go nipple, 2 7/8" x 4' pup joint, F nipple, 2 7/8" x 4' pup jt, Model R pkr and TIH spacing out the gas lift valves as designed on the attached recommendation. Set packer at 8800'. Space out to set recommended compression on packer. Install new 2 7/8" wrap-a-around in hanger and hang off tubing.
16. ND BOPs and NU tree. If original tree was not re-useable, replace with a 2 1/16" dual master valve tree. Tie in flowline to wing valve off the new tree. Install a meter run for the gas lift supply line and tie into the annulus.
17. RD workover rig. Tie the gas lift supply line into the 1000 psi Cryo line at the Lisbon plant. Install a meter run on the supply line at the plant to be assured that there are no leaks on the supply line in the field. Test the supply line at 1000 psi.
18. Pressure up on the supply line to unload the fluid in the annulus. Begin gas lifting the McCracken formation and commence sales.
19. Move the 2 7/8" tubing string to the Lisbon yard and clean location.

WELLBORE DIAGRAM

Company: Patara Oil & Gas LLC
 Lease Name: Lisbon
 Lease Number: B-614A
 Location: 300' FNL & 2434' FWL, Sec. 14, T30S, R24E
 County: San Juan
 Date: 3/6/2012



Spud date 5/18/88
 Rig Release 6/25/88

Tubing Detail	
Seating Nipple	1
233 jts 2 7/8" 6.5# L80 tbg	8274
KB	10
Baker "R" pkr2400 set @	8285

PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE (11/23/99)

RE-PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/6000 gal 15% HCL, additives
 and N2 assist (5/4/00)

PERF 8434-8464' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)
 Squeeze pers with 100sx

PERF 8472-8546' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (05/3/00)
 Squeeze pers with 100sx

PERF 8576-8596' PERF W/2 spf 23 gm, 90 deg (11/20/99)
 RE-PERF W/4 spf 23 gm, 90 deg (5/3/00)
 Squeeze pers with 100sx

CIBP @ 8775' (11/20/99) Remove CIBP

PERFS 8852-58', 8868-76', 8882-88' (4spf) (7/88)
 Treat with acid and xylene per BJ recommendation

PERFS 8904-06', 8910-18', 8922-32' (4spf) (7/88)
 Treat with acid and xylene per BJ recommendation

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-070008A
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LISBON B-614A	
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC	9. API NUMBER: 43037313510000	
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext	9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN 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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/8/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Patara Oil & Gas LLC has completed workover operations on the subject well. The well returned to production on 4/8/12, flowing oil from the McCracken formation. The Mississippian Leadville has been plugged off. IP: 167 BOPD, 1756MCFPD, 85BWPDP. The well shows a tubing pressure of 496psi, and casing pressure of 707psi. A completion report will follow shortly. Please contact the undersigned with any questions. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 27, 2012		
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A	DATE 4/23/2012	

APR 25 2012

ENTITY ACTION FORM DIV OF OIL, GAS, & MINING

Operator: Patara Oil & Gas LLC Operator Account Number: N 3670
Address: 600 17th Street, Suite 1900S
city Denver
state CO zip 80202 Phone Number: (303) 825-0685

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303731351	Lisbon B-614A		NENW	14	30S	24E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	8123	9740	4/12/2012		4/30/2012		
Comments: Operations completed on 4/12/12 to plug off Mississippian Leadville & perforate/ frac McCracken. Well producing from oil from the McCracken lifted via gas lift gas provided from the Lisbon plant.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-037-10471	NW Lisbon USA A-20		NESE	10	30S	24E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
AD	8123	9740	3/16/2012		4/30/2012		
Comments: Operations continuing to recomplete McCracken via new sidetrack wellbore. Initial production will be oil from McCracken lifted via gas lift gas provided from the Lisbon plant.							

Well 3

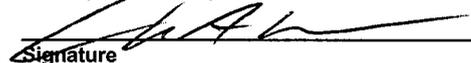
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- 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)

Christopher A. Noonan

Name (Please Print)



Signature

Supervisor: Production

4/20/2012

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. 8910079750	
2. Name of Operator PATARA OIL & GAS LLC		8. Lease Name and Well No. LISBON FEDERAL B-614A	
3. Address 600 17TH STREET, SUITE 1900S DENVER, CO 80202		9. API Well No. 43-037-31351	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 14 T30S R24E Mer SLB At surface NENW 300FNL 2434FWL Sec 11 T30S R24E Mer SLB At top prod interval reported below SWSE 217FSL 2531FEL Sec 14 T30S R24E Mer SLB At total depth NENW 300FNL 2434FWL		10. Field and Pool, or Exploratory LISBON VALLEY	
14. Date Spudded 05/18/1988		15. Date T.D. Reached 06/25/1988	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/30/2012		17. Elevations (DF, KB, RT, GL)* 6830 GL	
18. Total Depth: MD 9097 TVD		19. Plug Back T.D.: MD 9040 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0	0	1036		435		0	
8.750	5.500 SS-95	17.0	0	9091		1520		3950	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8801	8801						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MCCRACKEN	8852	8932	8852 TO 8888		144	OPEN
B)			8904 TO 8932		112	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8852 TO 8888	2500 GALS 15% HCL AND 50 BBLs KCL ACID XYELENE TREATMENT
8904 TO 8932	2500 GALS 15% HCL AND 50 BBLs KCL ACID XYELENE TREATMENT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/08/2012	04/08/2012	24	→	167.0	1756.0	85.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 496	707.0	→	167	1756	85	10514	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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APR 30 2012

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #136407 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

DIV OF OIL, GAS, & MINING

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MISSISSIPPIAN MCCRACKEN	8328	8638	TAKEN FROM UNION OIL WCR TAKEN FROM UNION OIL WCR	MISSISSIPPIAN MCCRACKEN	8328
	8825	8934			8825

32. Additional remarks (include plugging procedure):

Patara has completed operations to plug off the Mississippian Leadville formation, drilling out a CIBP set at 8775ft. and recompleting the McCracken formation with produced oil being brought to surface via gas lift assembly run on gas provided by the Lisbon Plant.

Mississippian squeeze:
8434-8464 - squeezed with 100sx
8472-8546 - squeezed with 100sx

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #136407 Verified by the BLM Well Information System.
For PATARA OIL & GAS LLC, sent to the Moab**

Name (please print) CHRISTOPHER A NOONAN Title SUPERVISOR: PRODUCTION

Signature _____ (Electronic Submission) Date 04/25/2012

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.

Additional data for transaction #136407 that would not fit on the form

32. Additional remarks, continued

8576-8596 - squeezed with 100sx

McCracken treatment:

8852-8932 (all) - brokedown with acid xylene treatment, 5000 gallons 15% HCL and 50 bbls KCL flush.

Installed Superior gas lift. Please see WBD for details. EOT @ 8801.45ft.

No H2S observed during squeeze or recompletion operations.

Please contact the undersigned with any questions. Thank you.

Patara Oil & Gas LLC

REV.	DATE

AS DRILLED WELLBORE SCHEMATIC
 Lisbon B-614A
 API No. 05-113-06238
 SHL: 300' FNL 2,423' FWL (NENW) Sec. 14 T30S R24E
 BHL: 235' FSL 2,548' FEL (SWSE) Sec. 11 T30S R24E
 San Juan County, Utah

DRAWN	C. Noonan
APP'D	J. Warren
SCALE	Drawn to Scale
DATE	4/25/2012
1 of 1 SHEETS SHEET 1	

SPUD DATE
May 18, 1988

ELEVATION
Ground - 6,830'
RKB - ±6,842'

CONDUCTOR CASING
13-3/8" 48# H-40 Welded

SURFACE CASING
9-5/8" 36#K-55 ST&C

PRODUCTION CASING
5-1/2" 17# SS-95 LT&C

TUBING
2-7/8" 6.5# L-80

UNION OIL of CA. FORMATION TOPS
Surface Form.
0' - Projected

Cutler
1,356'

Honaker Trail
2,230'

La Sal
3,427'

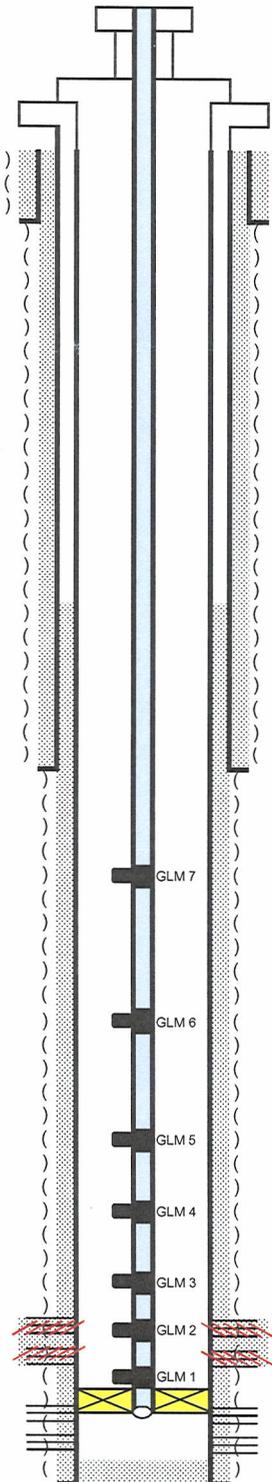
Paradox
4,068'

Top of Salt
4,456'

Redwall (Mississippian)
8,328'

McCracken
8,825'

Tops taken from Union Oil of CA. WCR



Conductor Casing
13-3/8" Set to 50'

Surface Casing
12-1/4" hole to 1,036'
1,036' - 9-5/8" Cement to surface with ±435 sks

Production Casing
8-3/4" hole to 9,091'
9,091' - 5.5" Cement from 9,091' to ±3,950' with 1,520 sks

Tubing Detail
8,801' - 2-7/8" to surface

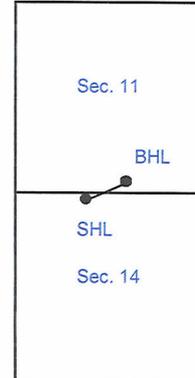
KB Corrected	13.00 ft
1 jnt 2-7/8 tbg	31.02 ft
1 - 6' pup jnt	6.21 ft
161 jnts 2-7/8 tbg	5,055.34 ft
1 gas lift mandrel 955psi	5,112.60 ft
29 jnts 2-7/8 tbg	6,029.03 ft
1 gas lift mandrel 935psi	6,035.72 ft
24 jnts 2-7/8 tbg	6,785.25 ft
1 gas lift mandrel 915psi	6,792.31 ft
16 jnts 2-7/8 tbg	7,287.01 ft
1 gas lift mandrel 895psi	7,293.85 ft
16 jnts 2-7/8 tbg	7,792.07 ft
1 gas lift mandrel 875psi	7,799.09 ft
16 jnts 2-7/8 tbg	8,302.88 ft
1 gas lift mandrel 860psi	8,309.85 ft
13 jnts 2-7/8 tbg	8,717.18 ft
1 gas lift mandrel with orifice valve	8,724.15 ft
1 jnt 2-7/8 tbg	8,755.10 ft
1 - 2.31 F nipple	8,756.12 ft
1 jnt 2-7/8 tbg	8,787.14 ft
1 - 2.25 F nipple	8,788.12 ft
1 - 6' pup jnt	8,794.32 ft
1 - 5-1/2 Model R double grip set	8,801.45 ft
EOT	8,802.61 ft

Perforation Data

Mississippian, 4spf (Squeezed 3/13/12)	8,434' - 8,464' - squeezed with 100sx
	8,472' - 8,546' - squeezed with 100sx
	8,576' - 8,596' - squeezed with 100sx
McCracken, 4spf (Retreated 3/27/12)	8,852 - 8,888' - Acid xylene treatment (2,500 gal w/ 15% HCL)
	8,904' - 8,932' - Acid xylene treatment (2,500 gal w/ 15% HCL)

Total Measured Depth - 9,097' - PBTD - 9,040'

AERIAL WELL LOCATION



Please note:
 Existing well features in black
 Key well features in blue
 Operational changes in red

Historical operations data (Encana)	
PERFS 8434-64', 8472-46', 8576-96'	RE-PERFS 8434-64', 8472-46', 8576-96'
ACIDIZED W/400 gal XYLENE, 12,000 gal	ACIDIZED W/6000 gal 15% HCL, additives and N2 assist (5/4/00)
15% SWIC W/ADD BENZOIC FLAKE (11/23/99)	

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
COUNTY: <u>San Juan, UT</u>		10. FIELD AND POOL, OR WILDCAT: n/a
STATE: <u>UTAH</u>		

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

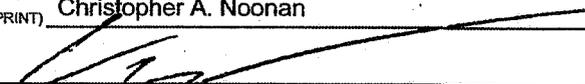
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT 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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-070008A
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LISBON B-614A
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037313510000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/7/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Add additional McCracken p"/>

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

Due to the need to perform valve repairs, CCI Paradox Upstream LLC (CCI) proposes pull the packer and gas lift valves. While equipment is out of the hole, CCI proposes to run in the hole (RIH) with a casing gun to re-perforate existing zones, and to add new perforations to the McCracken Formation. Perforations: 8868'-8876', 8884'-8889', 8890'-8895' (new interval), 8904'-8906', 8910'-8918', and 8922'-8928'. All phases will be 4 spf, 120 degrees. The well will be brought back online and gas lift operations will commence. WBD attached. Please contact Chrissy Schaffner with any questions. Thank you.

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

Date: October 08, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Chrissy Lawson	PHONE NUMBER 303 563-5378	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 10/3/2013	

Lisbon B-614A
NE NW Section 14, T30S, R24E
San Juan County, Utah
Perforation of Additional Zone and Lowering of Gas Lift Valves
J. Warren 10/3/2013

Well Status

The Lisbon B-614A has been on gas lift producing from the McCracken oil formation. The oil rate went to zero in early September with only the injection gas being returned. A temperature survey was run and an anomaly was seen at 7293' which indicated that gas lift valve #4 had cut out and was injecting gas too high to lift oil. A TD check was made and all perms are clear with a TD of 9017'.

Proposal

It is proposed to POOH with the tbg, gas lift valves and the packer. Gas lift valves and mandrels #4 through #7 will be laid down. Gas lift valves #2 and 3 will be replaced with valves set for the current operating pressure of the injection system and the valves will be run about 100' deeper than current installation. The Upper unloading valves should no longer be needed and will be returned to Superior for future use.

While equipment is out of the hole, it is proposed to perforate a new section of the McCracken 8890 – 8895' and re-perforate the other sections. The well will then be set back up on gas lift with the packer a valves set one (1) jt lower in the well closer to the perforations.

Recommended Procedure

1. Assuming that the four (4) mandrels being laid down average 3' each, will need one (1) additional jt of 2 7/8" tbg and one (1) new 10' 2 7/8" pup jt brought to location for the final landing to set packer +/- 30' deeper.
2. RU workover rig, ND tree and NU BOPE.
3. Strap out of hole w/ tbg and packer. LD gas lift mandrels & valves #4 through #7. Replace gas lift valves #2 and #3 with new valves. Btm orifice valve should be OK but check to be sure that it is clean. Return the others to Superior for future use. Redress packer if needed. Calculate footage using strap lengths to be sure of tubulars needed to reach 8829'.
4. RU Lone Wolf Wireline and the N2 Unit. RU lubricator. Pressure up with N2 to 1000 psi if the well will hold that pressure. RIH w/ casing guns and perforate 4 spf as follows:

8922 – 8928'	6'	24 holes	
8910 – 8918'	8'	32 holes	
8904 – 8906'	2'	8 holes	
8890 – 8895'	5'	20 holes	New interval
8884 – 8889'	5'	20 holes	
8868 – 8876'	8'	32 holes	

5. RD Lone Wolf Wireline and N2 Unit. MU 2' pup jt, Model R double grip packer, 6' pup jt, 2.25" F nipple, one 10' 2 7/8" pup jt, 2.31" F nipple, gas lift mandrel #1 with orifice valve, 13 jts 2 7/8" tbg, gas lift mandrel #2 set at new pressure, 16 jts of 2 7/8" tbg, gas lift mandrel #3 set at new pressure, the remaining 250 jts of 2 7/8" tbg and a 6' pup jt. Land packer at +/- 8829' KB adjusted.
6. ND BOPE and NU tree. Hook up injection lines and pressure up on the annulus to commence gas lift. Run a swab on the well if necessary to get the well to unload. Return the well to production.
7. RD rig and clean location.

Patara Oil & Gas LLC

REV.	DATE

AS DRILLED WELLBORE SCHEMATIC
 Lisbon B-614A
 API No. 05-113-06238
 SHL: 300' FNL 2,423' FWL (NENW) Sec. 14 T30S R24E
 BHL: 235' FSL 2,548' FEL (SWSE) Sec. 11 T30S R24E
 San Juan County, Utah

DRAWN	C. Noonan
APP'D	J. Warren
SCALE	Drawn to Scale
DATE	10/2/2013
1 of 1 SHEETS SHEET 1	

SPUD DATE
May 18, 1988

ELEVATION
Ground - 6,830'
RKB - ±6,842'

CONDUCTOR CASING
13-3/8" 48# H-40 Welded

SURFACE CASING
9-5/8" 36#K-55 ST&C

PRODUCTION CASING
5-1/2" 17# SS-95 LT&C

TUBING
2-7/8" 6.5# L-80

UNION OIL of CA. FORMATION TOPS
Surface Form.
0' - Projected

Cutler
1,356'

Honaker Trail
2,230'

La Sal
3,427'

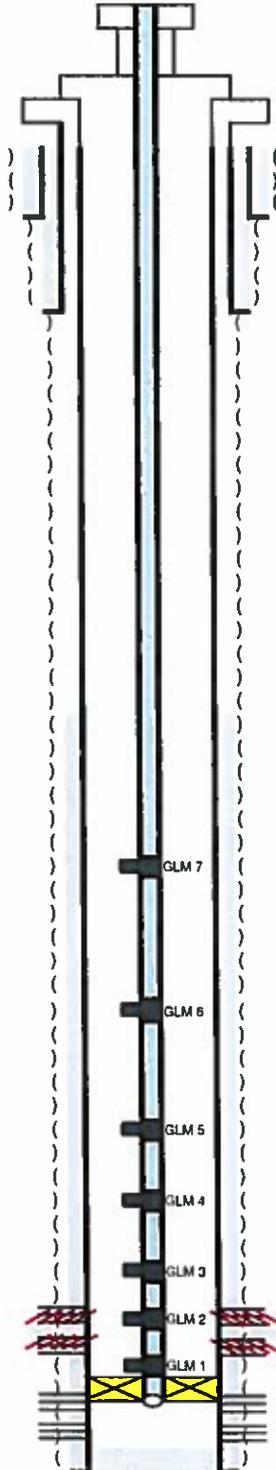
Paradox
4,068'

Top of Salt
4,456'

Tops taken from Union Oil of CA. WCR

Redwall (Mississippian)
8,328'

McCracken
8,825'



Conductor Casing
13-3/8" Set to 50'

Surface Casing
12-1/4" hole to 1,036'
1,036' - 9-5/8" Cement to surface with ±435 sks

Production Casing
8-3/4" hole to 9,091'
9,091' - 5.5" Cement from 9,091' to ±3,950' with 1,520 sks

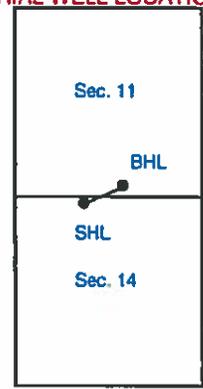
Tubing Detail

8,801' - 2-7/8" to surface	
KB Corrected	13.00 ft
1 jnt 2-7/8 tbg	31.02 ft
1 - 6' pup jnt	6.21 ft
161 jnts 2-7/8 tbg	5,055.34 ft
1 gas lift mandrel 955psi	5,112.60 ft
29 jnts 2-7/8 tbg	6,029.03 ft
1 gas lift mandrel 935psi	6,035.72 ft
24 jnts 2-7/8 tbg	6,785.25 ft
1 gas lift mandrel 915psi	6,792.31 ft
16 jnts 2-7/8 tbg	7,287.01 ft
1 gas lift mandrel 895psi	7,293.85 ft
16 jnts 2-7/8 tbg	7,792.07 ft
1 gas lift mandrel 875psi	7,799.09 ft
16 jnts 2-7/8 tbg	8,302.88 ft
1 gas lift mandrel 860psi	8,309.85 ft
13 jnts 2-7/8 tbg	8,717.18 ft
1 gas lift mandrel with orifice valve	8,724.15 ft
1 jnt 2-7/8 tbg	8,755.10 ft
1 - 2.31 F nipple	8,756.12 ft
1 jnt 2-7/8 tbg	8,787.14 ft
1 - 2.25 F nipple	8,788.12 ft
1 - 6' pup jnt	8,794.32 ft
1 - 5-1/2 Model R double grip set	8,801.45 ft
EOT	8,802.61 ft

Perforation Data
 Mississippian, 4spt (Squeezed 3/13/12)
 8,434' - 8,464' - squeezed with 100sx
 8,472' - 8,546' - squeezed with 100sx
 8,576' - 8,596' - squeezed with 100sx
 McCracken, 4spt (Retreated 3/27/12)
 8,852' - 8,888' - Acid xylene treatment (2,500 gal w/ 15% HCL)
 8,904' - 8,932' - Acid xylene treatment (2,500 gal w/ 15% HCL)

Total Measured Depth - 9,097' - PBTD - 9,040'

AERIAL WELL LOCATION



Please note:
 Existing well features in black
 Key well features in blue
 Operational changes in red

Historical operations data (Encana)
 PERFS 8434-84, 8472-46, 8576-96
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE (11/23/99)

TD clean to 9017' 10/30.

RE-PERFS 8434-64, 8472-46, 8576-96
 ACIDIZED W/6000 gal 15% HCL, additives
 and N2 assist (5/4/00)

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: UTSL-070008A
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:
		7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LISBON B-614A	
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037313510000	
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 563-5364 Ext	9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN
		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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/17/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>CCI has successfully re-perforated the existing intervals in this wellbore in an effort to restore production to previously recognized levels. Re-shot McCracken intervals at 4 spf: 8868- 76, 8884 - 89, 8904 - 06, 8910 - 18, 8922 - 28 feet. New McCracken intervals shot at 8890 - 95, 4 spf ft. EOT at 8747 ft. Please contact the undersigned with any questions. Thank you.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>November 12, 2013</p>
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Regulations Supervisor
SIGNATURE N/A	DATE 11/8/2013	

REV: **Secondary** DATE: **Number**: 44656 API Well Number: 43037313510000
AS DRILLED WELLBORE SCHEMATIC
 Lisbon B-614A
 API No. 05-113-06238
 SHL: 300' FNL 2,423' FWL (NENW) Sec. 14 T30S R24E
 BHL: 235' FSL 2,548' FEL (SWSE) Sec. 11 T30S R24E
 San Juan County, Utah

DRAWN C. Noonan
APP'D J. Warren
SCALE Drawn to Scale
DATE 11/8/2013
 1 of 1 SHEETS SHEET 1

SPUD DATE
 May 18, 1988
ELEVATION
 Ground - 6,830'
 RKB - ±6,842'

CONDUCTOR CASING
 13-3/8" 48# H-40 Welded

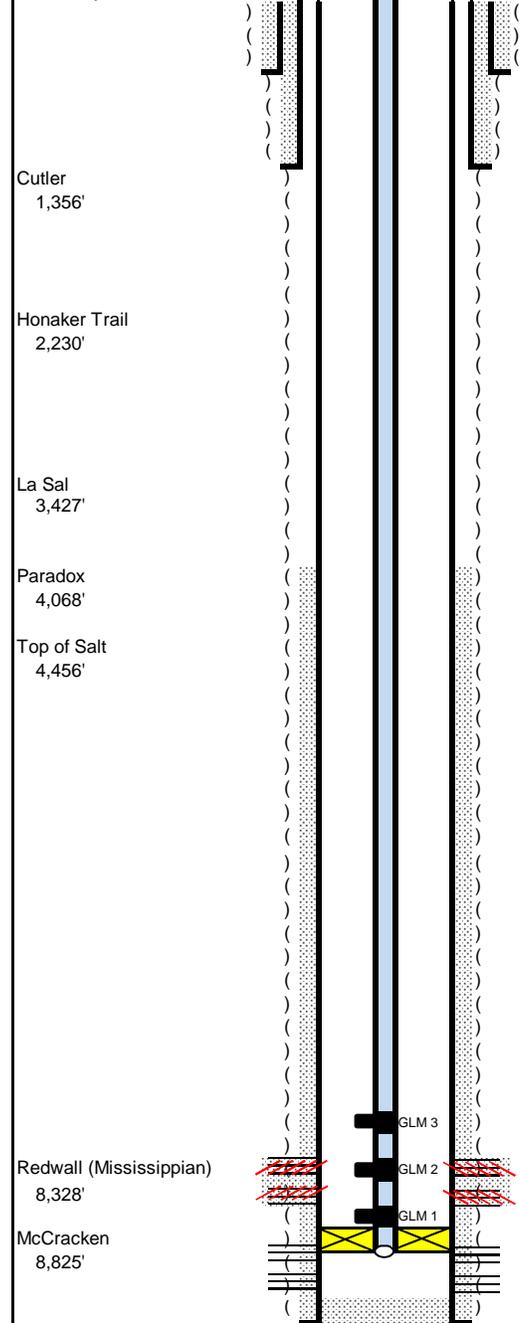
SURFACE CASING
 9-5/8" 36#K-55 ST&C

PRODUCTION CASING
 5-1/2" 17# SS-95 LT&C

TUBING
 2-7/8" 6.5# L-80

UNION OIL of CA.
FORMATION TOPS
 Surface Form.
 0' - Projected

Tops taken from Union Oil of CA. WCR



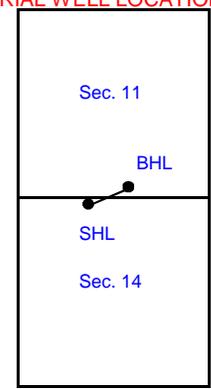
Conductor Casing
 13-3/8" Set to 50'

Surface Casing
 12-1/4" hole to 1,036'
 1,036' - 9-5/8" Cement to surface with ±435 sks

Production Casing
 8-3/4" hole to 9,091'
 9,091' - 5.5" Cement from 9,091' to ±3,950' with 1,520 sks

Tubing Detail
 8,747' - 2-7/8" to surface
 KB Corrected 13.00 ft
 Extended neck hanger 0.50 ft
 1 jnt 2-7/8 tbg 31.04 ft
 1 - 6' pup jnt 6.03 ft
 249 jnts 2-7/8 tbg 7,731.05 ft
 1 gas lift mandrel 955psi 7.03 ft
 16 jnts 2-7/8 tbg 496.64 ft
 1 gas lift mandrel 935psi 6.13 ft
 13 jnts 2-7/8 tbg 403.53 ft
 Orifice gas lift mandrel 6.23 ft
 1 - 2.31 F nipple 1.03 ft
 1 jnt 2-7/8 tbg 31.04 ft
 1 - 2.25 F nipple 0.98 ft
 1 - 6' pup jnt 6.16 ft
 1 - 5-1/2 Model R double grip set 7.13 ft
EOT 8,747.52 ft

AERIAL WELL LOCATION



Perforation Data
 Mississippian, 4spf (Squeezed 3/13/12)
 8,434' - 8,464' - squeezed with 100sx
 8,472' - 8,546' - squeezed with 100sx
 8,576' - 8,596' - squeezed with 100sx
 McCracken, 4spf (Retreated 3/27/12, Re-shot 10/16/13)
 8,852 - 8,888' - Acid xylene treatment (2,500 gal w/ 15% HCL)
 8,890 - 8,895' - Shot with 4 spf, 120 degree phasing
 8,904' - 8,932' - Acid xylene treatment (2,500 gal w/ 15% HCL)

Total Measured Depth - 9,097' - PBDT - 9,040'

note:
 listing well features in black
 by well features in blue
 perational chagnes in red

Historical operations data (Encana)
 PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/400 gal XYLENE, 12,000 gal
 15% SWIC W/ADD BENZOIC FLAKE (11/23/99)
 RE-PERFS 8434-64', 8472-46', 8576-96'
 ACIDIZED W/6000 gal 15% HCL, additives
 and N2 assist (5/4/00)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-070008A
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LISBON B-614A
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037313510000
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002	PHONE NUMBER: 281 714-2949 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: LISBON COUNTY: SAN JUAN STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/23/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

CCI proposes to reconfigure tubing/components in order to convert to a rod pump in order to improve production.

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

Date: March 07, 2016
 By: *Derek Duff*

NAME (PLEASE PRINT) Jessica Bynum	PHONE NUMBER 281 714-2918	TITLE Administrative Assistant
SIGNATURE N/A	DATE 3/4/2016	

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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTSL-070008A	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: LISBON	
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		8. WELL NAME and NUMBER: LISBON B-614A	
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002		9. API NUMBER: 43037313510000	
PHONE NUMBER: 281 714-2949 Ext		9. FIELD and POOL or WILDCAT: LISBON	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0300 FNL 2434 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 14 Township: 30.0S Range: 24.0E Meridian: S		COUNTY: SAN JUAN	
		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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/3/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input checked="" type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
CCI changed the tubing/components in order to change from a gas lift to a rod pump to improve production. See daily summary attached for details. If you have any questions, please call me at 281-714-2918.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 07, 2016			
NAME (PLEASE PRINT) Jessica Bynum	PHONE NUMBER 281 714-2918	TITLE Administrative Assistant	
SIGNATURE N/A		DATE 3/4/2016	



Daily Activity and Cost Summary

Well Name: Lisbon B-614A

API/UWI 43-037-31351-00	Surface Legal Location NENW Sec. 14 T30S R24E	Field Name Lisbon	License #	State/Province Utah	Well Configuration Type
Original KB Elevation (ft) 6,849.00	KB-Tubing Head Distance (ft)	Spud Date 5/18/1988 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Reconfigure Tubing/Components	Secondary Job Type	Status 1
AFE Number	Start Date 11/23/2015	End Date 11/24/2015	Total AFE Amount (Cost)

Objective
change from gas lift to corod

Summary

Contractor	Rig Number	Rig Type
------------	------------	----------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	11/23/2015	11/24/2015	7,856.50	7,856.50	Safety Meeting. Move Monument Well Service Rig 28 to Lisbon B 614 A Spot equipment.
2.0	11/25/2015	11/26/2015	7,856.50	15,713.00	
3.0	11/30/2015	12/1/2015	8,750.00	24,463.00	Safety Meeting. Spot rig and rig up. Open well SICP 850 psi. SITP 350 psi. Bleed tbq and csg down flow line. Change over BOPE for 2 7/8. Pump 10 Bbls treated water down tbq. NDWH. NUBOPE and function test. Attempt to release packer. Pull hanger and work tbq from 30K to 85 K feeling a bump up at 75K continue working packer starting to move. Let packer relax. Pull 1 jt packer dragging in csg collar Let packer relax over night SDFN.
4.0	12/1/2015	12/2/2015	6,862.50	31,325.50	Safety Meeting. Open well SICP300 psi. SITP 110 psi. Thaw out valves on tank And pump a 10 Bbl kill on tbq. Continue out of hole 8 jts PKR hung up at 8492' middle of Mississippian perfs. Work packer loose and continue out of hole with 280 jts 3 gas lift valves, 2 subs EOT at 8825.68'. Make up 5 1/2" csg scrapper and 4 3/4 rock bit run in hole tag at 9009.87, Pull above perfs. SDFN
5.0	12/2/2015	12/3/2015	6,724.50	38,050.00	Safety Meeting. Open well SICP 200 psi. SITP 200 psi. Bleed down tbq and csg run in to 8960'. Rig up swab Run in with 2.355 mandrel to check for paraffin to 8930'. Rig down swab and POOH with 5 1/2 csg scraper. Make up mud anchor bull plugged 1 jt, perf. sub, TAC, seating nipple 284 jts attempt to set anchor could not get deep enough to set anchor. Pull 1 jt and add 2-6' and 1-12 sub 1 jt downEOT at 8995.70, perf sub at 8962.17, TAC at 8955.89, SN at 8953.22, Set anchor with 8 K tension NDBOPE. NUWH. SDFN
6.0	12/3/2015	12/4/2015	66,653.10	104,703.10	Safety Meeting. Open well SICP 165 psi. SITP slit blow. Rig up 2 7/8 nipple ratagan and pumping T. Rig up Weatherford CoRod unit Pick up 16'X 1 1/2' gas anchor, 2 1/2 X 1 3/4 X20' pump, 1- 4' stabilizer 60K shear tool, 1- 4' stabilizer,CoRod to surface. 1-8'-1 6'-1 4' 1 2' subs space out pick up 1 1/2X26'SMPR. Space out load tbq with 40 Bbls treated water test to 600 psi. Bleed off and stroke with rig pressure up to 600 psi OK. RDMO