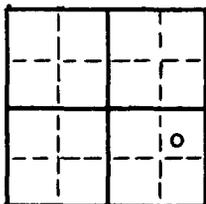


4-21-62
* Well classification changed from Shut
In Gas Well to Gas Superficial Well.

3-27-67 Notice of intention to
plug & abandon

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<input checked="" type="checkbox"/> RLD
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<input checked="" type="checkbox"/>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA: <i>Well completed 4-29-61</i>	
Date Well Completed	9-25-60
Location Inspected	<input type="checkbox"/>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>	Bond released <input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> PA <input checked="" type="checkbox"/>	State of Fee Land <input type="checkbox"/>
LOGS FILED	
Driller's Log	11-3-60
Electric Logs (No.)	3
E <input type="checkbox"/> I <input checked="" type="checkbox"/> E-I <input checked="" type="checkbox"/> GR <input type="checkbox"/> GR-N <input type="checkbox"/> Micro <input type="checkbox"/>	
Lat. <input checked="" type="checkbox"/> Mi-I <input type="checkbox"/> Sonic <input checked="" type="checkbox"/> Others <input type="checkbox"/>	



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No. *Utah 014903*
Indian
Lease No.

Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Northwest Lisbon USA "A" June 13, 19 60
Well No. 2 is located 1895 ft. from {N} line and 755 ft. from {E} line of Sec. 10
NE-SE Sec. 10 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon SAN JUAN UTAH
(Field) (County or Subdivision) (State or Territory)

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

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

DETAILS OF WORK

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

Proposed Casing Program:

- 1000' - 13-3/8" Surface Casing, cemented to surface.
- 8300' - 7-5/8" Intermediate String.
- 5 1/2" Liner if completed in formation below McCracken.

The principle objective is McCracken, but secondary objective is to test any other shows between McCracken and Basement Rocks.
Estimated total depth 9600'.

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

Company The Pure Oil Company
Address 1575 Sherman By Fred H. Kirby
Denver 3, Colorado Title Asst. Chief Division Production Clerk

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

THE PURE OIL COMPANY LOCATION REPORT

Date May 26, 1960

A.F.E. No. 315

Division Rocky Mountain Producing ^{Prospect} District Northwest Lisbon

Lease U.S.A. (Utah 014903)
Northwest Lisbon U.S.A.-A

Acres 743 (17/20 of 830) Lease No. Pt 8376

Elevation _____ Well No. 2 (Serial No. _____)

Quadrangle NE SE Sec. 10 Twp. 30S Rge. 24E Blk. Dist. Twp.

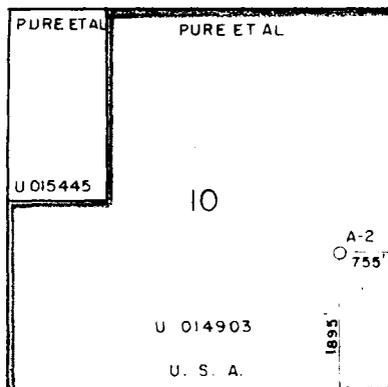
Survey Salt Lake P.M. County San Juan State Utah

Operator The Pure Oil Company Map _____

1895 Feet North of the South line of Section
755 Feet East of the West line of Section
Feet _____ of the _____ line of _____
Feet _____ of the _____ line of _____

LEGEND

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



Scale 2" = 1 MILE

Remarks: _____

Submitted by [Signature]

Civil Engineer

Approved by [Signature]

Division Manager

Approved by _____
Vice-President—General Manager

June 15, 1960

The Pure Oil Company
1575 Sherman
Denver 3, Colorado

Attention: Fred H. Kirby, Asst. Chief Div. Prod. Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Northwest Lisbon USA "A" 2, which is to be located 1895 feet from the south line and 755 feet from the east line of Section 10, Township 30 South, Range 24 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:awg
cc: Jerry W. Long, Dist. Eng.
U. S. Geological Survey
Durango, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 011903
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

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

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

Phone ALpine 3-3581 Agent's title Dist. Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 10 (Northwest	30S	21E	2							Spudded 6-25-60. Drilled to 43'. Set 20" OD casing at 43'. Drilled 43' to 1070'. Set 13-3/8" OD casing at 1052' with 800 sx. Waiting on cement.
										(Northwest Lisbon USA-A No. 2)

NOTE.—There were None runs or sales of oil; None M cu. ft. of gas sold;

None runs or sales of gasoline during the month. (Write "no" where applicable.)

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

July 7, 1960

The Pure Oil Company
1700 Broadway
Denver 2, Colorado

Re: Well No. NW Lisbon A-2, Sec. 10,
T. 30 S, R. 24 E, SEEM, San Juan
County, Utah

Gentlemen:

I visited the above drilling location on July 6, 1960. The rig over this location was in need of a safety rig line (Geronimo line). The contractor's toolpusher was notified; the operations at this location were satisfactory otherwise.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

HARVEY L. COONTS
PETROLEUM ENGINEER

HLC:co

cc: Moran Bros. Drlg. Co. - *Box 433*
Farmington, New Mexico

Jerry Long, Dist. Eng.
U. S. Geological Survey
Box 1809
Durango, Colorado

W.K.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 011903
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

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

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

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

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE 30S Sec. 10 (Northwest Lisbon USA-A No. 2)		24E	2	-0-						Drilled 1070'-7788'. DST #1 - 4078'-4150'.

2/

4

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

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

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

2/

911A

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
Utah 014903
LEASE NUMBER _____
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

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

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

Moab, Utah

Signed J. Strong

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

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SE Sec. 10 (Northwest	30S	24E	2	-0-						Drilled 7788' - 8275' -- DST No. 2 --7936' - 7968. DST No. 3 --7740' - 7990'. DST No. 4 --7989' - 8177'. DST No. 5 --8175' - 8274'. Cored from 8275' - 8417'. Drilled to 8460'. DST No. 6 --8284' - 8417'. Set 7-5/8" Casing at 8444'. Cemented with 750 sacks of 50-50 Pozmix with 4% gel and 2% calcium chloride, 24# of salt and 1/4# of floccile plus salt, followed with 100 sacks Neat cement with 90 gallons of Latex. Drilled to 8452'. Cored to 8599'. DST No. 7 --8446' - 8492'. DST No. 8 --8499' - 8598'. Drilled to 8723'. Cored to 8774'. Drilled to 8787'.

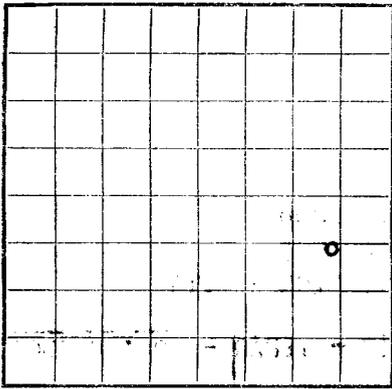
NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

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

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

9/1
Form 9-329
(January 1960)

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER Utah 014903
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 265, Moab, Utah
Lessor of Tract U. S. Government Field Lisbon State Utah
NW Lisbon, USA
Well No. A-2 Sec. 10 T. 30-S R. 24-E Meridian Salt Lake County San Juan KB 6643'
Location 1895 ft. S of S Line and 755 ft. E of E Line of NE SE, Sec. 10 Elevation Gr. 6631'
(Derrick floor relative to sea level)

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

Signed [Signature]
Date October 12, 1960 Title District Chief Clerk

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

Commenced drilling June 25, 1960 Finished drilling September 7, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8254' to 8264' No. 4, from _____ to _____
No. 2, from 8278' to 8282' No. 5, from _____ to _____
No. 3, from 8320' to 8330' No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
20"	9.4#	8-V	NSS	43'	Coupling				Cemented to surface
13-3/8"	1.6#	8-R	NSS	1059'	Fixed				Cemented to surface
7-5/8"	26.40#	8-R	NSS	844'	Float		8254	8264	Production
							8278	8282	
							8320	8330	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	43'	5 yds. Ready Mix	Halliburton		
13-3/8"	1059'	800 sacks	Halliburton		
7-5/8"	844'	850 sacks & 90 gals. Latex	Halliburton		

PLUGS AND ADAPTERS

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

FOLD MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 2900 feet to 9110 feet, and from feet to feet

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

DATES

September 19, 1960 Put to producing September 25, 1960

The production for the first 24 hours was 308 barrels of fluid of which 100% was oil;% emulsion;% water; and% sediment. Gravity, °Bé. 45.1

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

....., Driller Driller
 Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	81'	81'	Sand.
81'	1070'	989'	Sand and shale.
1070'	1766'	696'	Shale.
1776'	2300'	534'	Sand and shale.
2300'	3407'	1107'	Lime and shale.
3407'	3507'	100'	Lime with chert streaks.
3507'	3862'	355'	Lime and shale.
3862'	4061'	199'	Dolomite, anhydrite, lime and shale.
4061'	4174'	113'	Sand and anhydrite.
4174'	4311'	137'	Shale and anhydrite.
4311'	6025'	1714'	Salt and shale.
6025'	7507'	1482'	Salt, shale and anhydrite.
7507'	7701'	194'	Shale, dolomite and chert.
7701'	7788'	87'	Shale, dolomite and limestone.
7788'	7870'	82'	Chert and dolomite.
7870'	7942'	72'	Chert, shale and dolomite.
7942'	7968'	26'	Limestone.
7968'	7990'	22'	Lime.
7990'	8126'	136'	Lime and dolomite.
8126'	8245'	119'	Lime.
8245'	8274'	29'	Lime and sand.
8274'	8275'	1'	Lime
8275'	8327'	52'	Core No. 1 - See reverse side.
8327'	8363'	36'	Core No. 2 - See reverse side.
8363'	8417'	54'	Core No. 3 - See reverse side.
8417'	8426'	29'	Sand and lime.

(OVER) FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

(OABB)

2-5001-1

FROM—	TO—	TOTAL FEET	FORMATION
8446'	8452'	6'	Dolomite and lime.
8452'	8492'	40'	Core No. 4 - See below.
8492'	8544'	52'	Core No. 5 - See below.
8544'	8547'	3'	Core No. 6 - See below.
8547'	8599'	52'	Core No. 7 - See below.
8599'	8620'	21'	Dolomite.
8620'	8675'	55'	Shaly dolomite with shale stringers.
8675'	8723'	48'	Dolomite with shale stringers.
8723'	8774'	51'	Core No. 8 - See below.
8774'	8787'	13'	Dolomite.
8787'	8838'	51'	Shale and dolomite.
8838'	8891'	53'	Core No. 9 - See attached Sheet No. 2
8891'	9103'	212'	Lime
9103'	9222'	119'	Sand and shale.
9222'	9306'	84'	Sand and chert.
9306'	9309'	3'	Granite.
9309'	9310'	1'	Core No. 10 - See attached Sheet No. 2
		9310'	TOTAL DEPTH

NORTHWEST LISBON USA NO. 2

CORE NO. 1 - 8275' - 8327' Cut and Recovered 52'.

- 5' - Sandstone, brown, fine to medium, fair porosity, good stain and odor.
- 8' - Dolomite, gray to green, fine, sandy, with pyrite inclusions, no visible porosity, slightly shaly.
- 13' - Sandstone, gray, medium to coarse, streaks of fair porosity, fair fluorescence.
- 2' - Dolomite, gray, medium sandy, glauconitic, show of oil on frags.
- 6' - Sandstone, gray to brown, fine, dolomitic, glauconitic, good stain, dull fluorescence.
- 6' - Dolomite, gray, fine to medium, no visible porosity, spotty stain and fluorescence, frags bleeding oil.
- 8' - Dolomite and shale interbedded, gray to green.
- 4' - Sandstone, dark gray to brown, medium, fair porosity, stain and dull fluorescence. Random frags throughout core bleeding oil.

CORE NO. 2 - 8327' - 8363' Cut 36' and Recovered 34'.

- 25' - Sandstone, gray, banded dark gray, fine to medium grained, dolomitic in part, bleeding light green oil from random frags, bedding planed and inter granular porosity.
- 9' - Sandstone as above, with blebs of white quartz, bleeding as above.

CORE NO. 3 - 8363' - 8417' Cut 54' and Recovered 50'

- 3' - Sandstone, gray, fine grained, dolomitic.
- 27' - Dolomite, gray, fine xln, dense, glauconitic.
- 26' - Dolomite as above with no glauconite.
(Entire core bleeding very slightly from scattered random hairline frags).

CORE NO. 4 - 8452' - 8492' Cut and Recovered 40'.

- 9' - Dolomite, gray, fine xln, sucrosic, no visible but possible inter-xln porosity, spotty stain and scattered pale fluorescence, laminations of blue-green waxy shale.
- 6' - Dolomite, light gray, fine xln with inclusions of dark gray silt, scattered pin-point porosity, scattered fluorescence. Laminations

STATION CLASH

CORE NO. 4 - 8452' - 8492' Cut and Recovered 40'.

- 9' - Dolomite, gray, fine xln, sucrosic, no visible but possible inter-xln porosity, spotty stain and scattered pale fluorescence, laminations of blue-green waxy shale.
- 6' - Dolomite, light gray, fine xln with inclusions of dark gray silt, scattered pin-point porosity, scattered fluorescence, laminations blue-green waxy shale.
- 12' - Dolomite, as above, with streaks poor to fair pin-point and vugular porosity, scattered stain and fluorescence, little or no odor.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

CORE NO. 4 (Continued)

- 13' - Dolomite, medium gray, fine xln, mostly dense with very scattered pin-point porosity, spotty stain and fluorescence, good stain and fluorescence on fracture fractures.

Note: porous and fractured sections of core bled salt water.

CORE NO. 5 - 8492' - 8544' Cut and Recovered 52'.

- 9' - Dolomite, medium gray, fine xln, sucrosic, no visible porosity with many horizontal and vertical hairline fractures bleeding salt water.

- 31' - Dolomite as above, with gray-green waxy shale laminations, highly fractured, bleeding light green oil and gas and some salt water on fractures, light fluorescence on fresh break.

- 12' - Dolomite, as above, no visible porosity, very few fractures, no bleeding.

CORE NO. 6 - 8544' - 8547' Cut and Recovered 3' (Barrel jammed)

- 3' - Hard, dense, sandy, fractured dolomite.

CORE NO. 7 - 8547' - 8599' Cut and Recovered 52'.

- 52' - Dolomite, medium gray, fine xln, no visible porosity, fractured throughout (horizontal and vertical), pale fluorescence on fresh break, scattered gray shale laminations.

CORE NO. 8 - 8723' - 8774' Cut and Recovered 51'.

- 51' - Dolomite, gray-brown, fine xln, sucrosic, no visible porosity with laminations of dark gray shale and scattered inter-beds of limestone, dark gray, fine xln, dense.

LOG OF OIL OR GAS WELL (Continued)NORTHWEST LISBON USAWELL NO. A-2

CORE NO. 9 - 8838' - 8891' Cut and Recovered 53'.

- 3' - Limestone, medium gray, fine xln, dense with dark gray waxy shale partings.
- 1' - Shale, gray-green, silty.
- 10' - Limestone, as above, with partings of dark gray waxy shale.
- 1' - Siltstone, dark gray, micaceous.
- 1' - Sandstone, gray-green, very fine, silty, no show, tight.
- 2' - Dolomite, gray-green, sandy, no porosity, no show.
- 18' - Sandstone, dark gray-green dolomite, fine, silty, shaley, micaceous, pyritic, tight, no show, inter-bedded with shale, dark gray, silty and sandy.
- 2' - Dolomite, gray, fine to medium, with laminations of shale, gray-green silty dolomite.
- 15' - Sandstone, shale and dolomite, inter-bedded, transitional (dolomite sandstone, sandy, shaley dolomite and sandy dolomite and shale), dark gray-green, micaceous, tight.
(Entire core without show or odor, bedding planes at 12 to 15 degree angles to bore hole.)

CORE NO. 10 - 9309' - 9310' Cut 1' and Recovered 6".

6" - Granite.

HALLIBURTON DST NO. 1, 4078' - 4150' Tool open 1-1/2 hours. Fair blow throughout test. Recovered 15' of free oil on top, 231' heavy oil and gas cut drilling mud - 50% oil and 50% mud and 60' of slightly oil cut mud - 10% oil and 90% mud. Pressures: 30 minute ICI 940#; IF 65#; FF 95#; 30 minute FCI 570#; IH and FH 1838#.

HALLIBURTON DST NO. 2, 7936' - 7968' Gas and water cushion to surface in 3 minutes, also bubble in annulus indicating a leak in the drill pipe. Now pulling test tool trying to find leak. Pressures: 30 minute ICI 2768#; IH and FH 4225#. Mis-run.

HALLIBURTON DST NO. 3, 7740' - 7990' Used 1000' of water cushion. Water cushion and gas to surface in 5 minutes. Tool open one hour and 41 minutes. Flowed 26 minutes to pit, then turned through oil and gas separator. Flowed 3/4 hr. on 1/2" choke, gas metered at 5500 MCF/D; flow pressure 1000#; and flowed 1/2 hour on 3/4" choke, gas metered at 6750 MCF/D, flow pressure 900#. Produced a total of 12 barrels of 67.6 at 60° gravity condensate in the above 1-1/4 hours. Pressures: 30 minute ICI 2726#; IF 1945#; FF 2175#; 30 minute FCI 2726#, IH and FH 4225#.

HALLIBURTON DST NO. 4, 7989' - 8177' Used 1000' of water cushion. Gas to surface in 6 minutes. No fluid to surface. Tool open 2 hours. Gas estimated 15 to 20 MCF/D. Recovered 1000' of water cushion-gas cut, and 60' of gas cut mud. Pressures: 30 minute ICI 2355; IF 238; FF 365; 30 minute FCI 2168; IH and FH 4242. Bottom Hole Temperature 170°.

HALLIBURTON DST NO. 5, 8175' - 8274' Tool open one hour. Gas to surface in 7 minutes. Gas estimated at 15 MCF/D, decreased to estimated 10 MCF/D at end of test. Recovered an estimated 7500' of 46.6 gravity oil in drill pipe. Pressures: 30 minute ICI 2736, IF 625, FF 1380, 65 minute FCI 2570, IH and FH 4292.

HALLIBURTON DST NO. 6, 8284' - 8417' Lower McCracken. Tool open 93 minutes. Tool opened with a good blow. Gas to surface in 12 minutes while taking Initial Closed In pressure. Gas estimated at 10 MCF/D, decreased to an estimated 5 MCF/D at end of test. No fluid to surface. Mud to surface in 3 minutes when reverse tool opened. Recovered an estimated 7500' of oil in drill pipe. Pressures: 30 minute ICI 2758; IF 560; FF 1660; 60 minute FCI 2458; IH & FH 4465. Bottom Hole Temperature 110°. (Also recovered 75' of oil and gas cut mud in bottom of tool, no water.)

LOG OF OIL OR GAS WELL (Continued)NORTHWEST LISBON USAWELL NO. A-2

HALLIBURTON DST NO. 7, 8446' - 8492' Packer set up in casing at 8426'. Tool open one hour. Opened tool at 5:25 A.M. with a very very weak blow. Recovered 195' drilling mud and 20' salty drilling mud. Pressures: IH 3712; ISI 2703; IF 83; FF 132; FSI 1780; FH 2730. Bottom Hole Temperature 130°.

HALLIBURTON DST NO. 8, 8499' - 8598' Initial shut in 30 minutes, open one hour, final shut in 30 minutes. Tool opened on 1/2" choke with very weak blow decreasing to zero in 3 minutes. No gas to surface. Opened tool on one inch choke for final flow. Recovered 45' drilling fluid. Pressures: IH 3700; ISI 948; IF 30; FF 30; FSI 255; FH 3685. Bottom Hole Temperature 139°.

HALLIBURTON DST NO. 9, 8770' - 8891' ISI 30 minutes, open one hour, FSI 30 minutes. Tool opened with a weak blow and decreased to zero in 3 minutes. Recovered 250' drilling fluid. Pressures: IH 3875; ISI 100; IF 45; FF 55; FSI 75; FH 3875. Bottom Hole Temperature 175°.

HALLIBURTON DST NO. 10, 8989' - 9035' Straddle Test. Tool open one hour, opened with a very very weak blow and died. Recovered 90' drilling mud. Pressures: 30 minute ISI 2650; IF and FF 70; 30 minute FSI 285; IH and FH 4055. Bottom Hole Temperature 164°.

HALLIBURTON DST NO. 11, 9070' - 9310' Tool open one hour, opened with a good blow, decreased to zero in 45 minutes. Recovered 90' salty mud and 800' salt water. Pressures: 30 minutes ISI 2005; IF 300; FF 400; 30 minute FSI 1810; IH and FH 4140. Bottom Hole Temperature 170°.

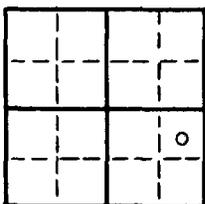
Acidized through perforations 8254' - 8264' and 8278' - 8282' with 1000 gallons XFW acid, maximum pressure 3600#, broke back to 2800#.

Sand Frac'd down annulus through perforations 8254' - 8264' and 8278' - 8282' with 8000 lbs. 20/40 sand, 2000 lbs. 10/20 sand mixed with 200 gallons J-97 fluid loss, mixed with 240 barrels crude at an average of 3800 lbs, injection rate of 25 to 32 barrels per minute. Flushed with 314 barrels of oil.

Acidized through perforations 8320 - 8330 with 1000 gallons XFW acid, followed with 500 lbs. 20/40 sand with 500 gallons oil. Acidizing pressure 3900 lbs. maximum, 3700 lbs. minimum, average injection rate 4 barrels per minute. Overflushed acid and sand oil with 10 barrels of crude. After 10 minutes shut in, tubing pressure 1700 lbs., casing pressure 2700 lbs. Left well shut in four hours, tubing pressure zero, casing pressure 1100 lbs.

IMPORTANT MARKERS

Hermosa	2253'
Paradox "A"	3997'
Paradox "B"	4246'
Salt Top	4331'
Salt Base	7491'
Mississippian	7659'
Ouray	7988'
Elbert	8073'
McCracken	8244'
Cambrian	8357'



Section 10

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State.....
Lease No.
Public Domain.....
Lease No. USA U-011903
Indian.....
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

March 1, 1961

Northwest Lisbon USA-A
Well No. 2 is located 1895 ft. from {N} line and 755 ft. from {E} line of Sec. 10

NE SE Sec. 10 30S 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~center floor~~ ^{ground} above sea level is 6631 feet. KB elevation 6643'.

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

DETAILS OF WORK

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

Proposed Work:

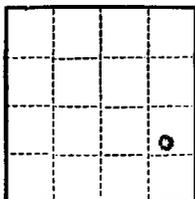
To perforate 7-5/8" OD casing in Mississippian formation, run dual string of tubing and dual complete well in both the Mississippian and McCracken formations.

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

Company The Pure Oil Company

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

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



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. Utah 014903

Unit _____

Section 10

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

_____ May 17, _____, 19 61

Northwest Lisbon USA-A
Well No. 2 is located 1895 ft. from N line and 755 ft. from E line of sec. 10

NE SE Sec. 10 309 24E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Northwest Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~casings from~~ ^{ground} above sea level is 6631 ft. KB elevation 6643'.

DETAILS OF WORK

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

SEE SUPPLEMENTAL SHEET ATTACHED

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

Company The Pure Oil Company

Address P. O. Box 265

Moab, Utah

By J. B. Strong
Title District Chief Clerk

SUNDRY NOTICES AND REPORTS ON WELLS

Northwest Lisbon USA-A No. 2

Supplementary Well History
May 17, 1961

9310' TD
8373' PSTD

Pulled rods, displaced fluid in hole with lost circulation fluid in salt water and spotted Gel Block in bottom of hole.

Lane-Wells perforated Mississippian formation 7970' - 7980' with 2 shots per foot; 7836' - 7970' with 1 shot per foot; 7800' - 7836' with 2 shots per foot and 7686' - 7760' with 2 shots per foot, total of 374 holes. Set Baker Model "D" packer on wire line at 8100'. Ran 2-7/8" OD tubing with Baker "K" snap set packer on tubing string at 7620', and set in packer at 8100'. Ran 2-3/8" OD Buttress tubing and set in Model "K" packer at 7620'. Swabbed well down to 2500' and well started flowing. Cleaned to pit. Well shut in 3-19-61 through 4-28-61 pending test of Mississippian formation.

I.P. for record - Mississippian Formation: 4-28 & 29-61. On 12 hour test on 20/64" choke, produced 20 bbls. of condensate, for a figure of 40 bbls. condensate per day. Gas metered at 1500 MCF/D, GOR 37,500, flowing pressure 900#. FINAL

THE PURE OIL COMPANY

GENERAL OFFICES, 200 EAST GOLF ROAD, PALATINE, ILLINOIS

NORTHERN PRODUCING DIVISION

FOUR CORNERS DISTRICT

P. O. Box 265

MOAB, UTAH

May 17, 1961

Mr. Cleon B. Feight, Executive Secretary
Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Dear Mr. Feight:

Enclosed please find the following various notices for wells in the Northwest Lisbon Field:

Northwest Lisbon USA-A No. 2: Notice of Intention to Dual Complete the well which has been dated March 1, 1961 in order to comply with Rule C-16 of the Commission. Copies of the Supplementary Well History on this well as submitted this date to the U. S. Geological Survey, Durango, Colorado.

Northwest Lisbon USA-C No. 2: Notice of Intention to Repair the Northwest Lisbon USA-C No. 2 along with the Supplementary Well History as of May 16, 1961.

Northwest Lisbon USA-C No. 3: Notice of Intention to Recomplete this well. Also, copies of the Supplementary Well History as submitted March 17 and April 25, 1961, in case copies were not received in your office.

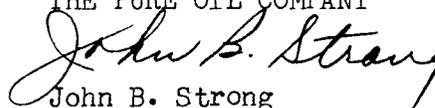
Northwest Lisbon USA-B No. 2: Notice of Intention to Change Plans to whipstock this well from 4435'.

I sincerely regret that these notices were not previously filed with your office. Please be assured that it is our intent to fully comply with the rules and regulations of the Commission.

If there are any other reports that should have been filed, or that you have not received, please advise.

Yours very truly,

THE PURE OIL COMPANY



John B. Strong
District Chief Clerk

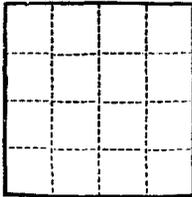
cc:
Bob Schmidt

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**

Lease No. **Utah 014903**

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

February 28, 1962

Northwest Lisbon USA-A

Well No. **2** is located **1895** ft. from **DK** line and **755** ft. from **E** line of sec. **10**

NE SE, Sec. 10 **30S** **24E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~surface~~ **ground** above sea level is **6631** ft.

DETAILS OF WORK

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

TD 9310'. PBD 8373'.

February 20, 1962.

Pumped 60 barrels McCracken oil down the casing to fill the tubing, followed with 500 barrels of 15% MCA Acid and 255 barrels of flush oil through perforations 8251'-8264', 8278'-8282' and 8320'-8330' by Halliburton. When 220 barrels flush oil was pumped into casing, pressure immediately increased from zero to 1750 lbs. Pressure increased from 1750 to 1800 lbs, at a rate of 1/2 bbl per minute, while injecting 35 barrels oil. Pressure fell from 1800 to zero in ten minutes after pumps were shut down. Left well shut in for 3 hours. Used a total of 315 barrels of load oil, which will be recovered. Baker Model "K" Packer set at 7620' and Baker Model "D" Packer set at 8100'.

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

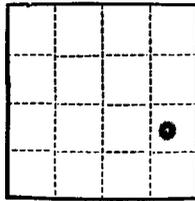
Company **The Pure Oil Company**

Address **P. O. Box 265**

Moab, Utah

253-3581

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



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-014901
Unit Lisbon

Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

June 18, 1962

Lisbon Unit
Well No. D-810 is located 1895 ft. from {N} line and 755 ft. from {E} line of sec. 10
NE SE Sec. 10 30S 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~structure~~ ^{ground} above sea level is 6631 ft.

DETAILS OF WORK

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

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

<u>OLD DESIGNATION</u>	<u>NEW DESIGNATION</u>
Northwest Lisbon USA "A" #2	Lisbon Unit #D-810

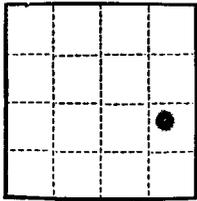
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY
Address P. O. Box 265
Moab, Utah
Alpine 3-3581

By [Signature]
L. E. Coggan
Title Office Manager

Copy to H. Y. L.

*PM 13
7*



Sec. 10

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-014903
Unit Lisbon

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

July 21, 1962

Lisbon Unit
Well No. **D-810** is located **1895** ft. from **S** line and **755** ft. from **E** line of sec. **10**
NE SE Sec. 10 **30S** **21E** **SLM**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Lisbon **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ^{ground} above sea level is **6631** ft.

DETAILS OF WORK

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

Well Classification changed from Shut In Gas Well to Gas Injection Well.

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

Company The Pure Oil Company
Address P. O. Box 1338
Moab, Utah
Phone 253-3581
By *L. K. Coogan*
L. K. Coogan
Title Office Manager

May 21, 1964

MEMO FOR FILING:

Re: Pure Oil Company
Lisbon D-810
Sec. 10, T. 30 S., R. 24 E.,
San Juan County, Utah

I talked by phone today with Pat Cochran of Pure Oil Company. They are now injecting gas into the Mississippian Formation through tubing and producing oil from the McCracken Formation, through a dual string all in the same well. They plan to pull the injection string of tubing and commence injecting gas down the annulus of this well while still producing oil through tubing from the McCracken. I told Mr. Cochran this would be satisfactory so long as communication was prevented.

They will be sending a request for this plan of operation shortly.

HARVEY L. COONTS
PETROLEUM ENGINEER

HLC:cfm

cc: Jerry W. Long, Dist. Eng.
USGS - Durango, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TV
(Other Instruc.
verse side)

DATE
in re

Form approved.
Budget Bureau No. 42-R1424

3. LEASE DESIGNATION AND SERIAL NO.

Utah 014901

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

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

2,895' FSL & 755' PFL (No. 5.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Limbos U.S.A. "A"

9. WELL NO.

D-820 - McCracken

10. FIELD AND POOL, OR WELL CAT

Limbos - McCracken

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

Sec. 10, T-20S, R-24E

12. COUNTY OR PARISH, IF STATE

San Juan Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether OF WT OR DE)

GL 6,631'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING Casing

ABANDONMENT*

(NOTE: Report results of multiple completion or well completion or recompletion report and log forms.)

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.)*

As per verbal approval from Mr. Long and Mr. Schmidt, U.S.G.S., Durango, Colorado, the McCracken formation was plugged and abandoned April 15, 1966 as follows:

Killed Mississippian formation with water. Pulled rods, pump, 2-7/8" Retriever tubing (McCracken), 2-7/8" CS Hydril tubing (Mississippian) and Baker Model K packer.

Set Baker DR plug in Model D packer at 8,100'. Dumped 4-1/2 sack of cement on top of Model D packer. PSTD 8,079'.

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

SIGNED

J. B. Strong
(This space for Federal or State office use)

TITLE General Clerk

DATE March 24, 1967

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN 1. (Other instructions on reverse side) **CATE*** on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 014901

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1,095' FSL & 755' FSL (NE SW)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lisbon U.S.A. "A"

9. WELL NO.
D-810 - McCracken

10. FIELD AND POOL, OR WILDCAT
Lisbon - McCracken

11. SEC. T., B., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T-30S, R-24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 6,631'

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input 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.)*

As per verbal approval from Mr. Long and Mr. Schmidt, U.S.G.S., Durango, Colorado, the McCracken formation was plugged and abandoned April 15, 1966 as follows:

Killed Mississippian formation with water. Pulled rods, pump, 2-7/8" Pattress tubing (McCracken), 2-7/8" CS Hydril tubing (Mississippian) and Baker Model K packer.

Set Baker DR plug in Model D packer at 8,100'. Dumped 4-1/2 sack of cement on top of Model D packer. PSTD 8,079'.

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

SIGNED *J. B. Strong*

TITLE **General Clerk**

DATE **March 24, 1967**

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Union Oil Company Well No. D 810
 County: Sonoran T 3d R 24E Sec. 10 API# 43-037-16471
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source		<u>Mississippi in McComb</u>
Analysis of Injection Fluid	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	TDS <u> </u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>50,000</u>
Known USDW in area	<u>cutler</u>	Depth <u>1200-1800</u>
Number of wells in area of review	<u>3</u>	Prd. <u>2</u> P&A <u>0</u>
		Water <u>0</u> Inj. <u>1</u>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
	Date <input type="checkbox"/>	Type <input type="checkbox"/>

Comments: * Gas Injection

Reviewed by: CR Light



June 21, 1985

RECEIVED

JUN 28 1985

DIVISION OF OIL
GAS & MINING

Mr. Cleon B. Feight
Utah Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

LISBON FIELD
UIC REQUIREMENTS

Dear Mr. Feight:

In your letter dated May 18 you requested missing information required by Rule I-4. A location plat of the Lisbon Field is enclosed. Copies of the authorized existing enhanced recovery wells form DOGM-UIC-8, the authorized existing disposal wells form DOGM-UIC-9, and the notice of completion form DOGM-UIC-2 for each authorized existing well are attached. Also attached is a corrected schematic diagram of the Lisbon Unit #D-810 and an analysis of our produced/injected water.

All injection wells are completed in the Mississippian formation. This zone consists of limestone and dolomite. The overlying and underlying strata consists mainly of shale with little or no permeability. The fracturing pressure for the Mississippian is about 5,500 psig BHP. Since the gas injectors are operating at less than 3,000 psig and the water injectors are operating at pressures less than 2,000 psig, all wells are well below any fracture pressures.

Both injection systems are protected by high pressure shut downs. The gas injection compressors shut down at 3,500 psig and the water injection pumps shut down at 3,000 psig. If a well failure should occur, our contingency plan is to shut in the well, isolate the problem and correct the problem. The mechanical integrity of the tubing, casing and packer will be monitored by pressure tests every five years.

(To be filed within 30 days after drilling is completed)

COMPLETION & TEST DATA BY PRODUCING FORMATION

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY LEASE NO.

API NO. 640 Acres
N

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

W E

8
Locate Well Correctly
and Outline Lease

COUNTY S Juan SEC. 10 TWP. 30S RGE. 24E
COMPANY OPERATING Union Oil Co. of Ca.
OFFICE ADDRESS P.O. Box 760
TOWN Moab STATE ZIP UT 84532
FARM NAME Lisbon Unit WELL NO. D-310
DRILLING STARTED 6-25-1960 DRILLING FINISHED 9-7-1960
DATE OF FIRST PRODUCTION 9-19-60 COMPLETED 9-12-60
WELL LOCATED ¼ NE ¼ SE ¼
1895 FT. FROM SW OF ¼ SEC. & 755 FT. FROM E OF ¼ SEC.
ELEVATION DERRICK FLOOR 6643 GROUND 6,631'

TYPE COMPLETION

Single Zone X
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Mississippian	7659	7988			
McCracken	8244	8357			

CASING & CEMENT

Casing Set			Csg. Test	Cement			
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
20"			43		5 vds		
13-3/8"	48#	H-40	1059	1000#	800		Surface
7-5/8"	29.7# 26.4	N-80	8444	1300#	350		

TOTAL DEPTH 9310

PACKERS SET
DEPTH 7585'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

FORMATION	1	2	3
FORMATION	McCracken	Mississippian	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Temporarily Abandoned	Gas Injection	
PERFORATED	8254-64'	7686-7760'	
INTERVALS	8278-82'	7800-7980'	
	8320-30'		
ACIDIZED?	1,000 gals XFW Acid	5,000 gals 15%	
FRACTURE TREATED?	10,000# 20/40 sd 15,000 gal oil		

INITIAL TEST DATA

Date	9-22-60	4-29-61	
Oil, bbl./day	225	40	
Oil Gravity			
Gas, Cu. Ft./day		CF 1500	M CF CF
Gas-Oil Ratio Cu. Ft./Bbl.	-	37,500	
Water-Bbl./day	0	0	
Pumping or Flowing	F	F	
CHOKE SIZE	20/64"	20/64"	
FLOW TUBING PRESSURE	225	880	

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

(801)

Telephone 686-2236

B. L. Horne

Area Supt.

Name and title of representative of company

Subscribed and sworn before me this _____ day of _____, 19 _____

(Over)

FORMATION TOPS

Chinle	300
Shinarump	908
Moenkopi	981
Cutler	1,450
Upper Hermosa	2,253
Paradox "A"	3,997
Paradox "B"	4,246
Salt Top	4,331
Salt Base	7,491
Mississippian	7,659
Ouray	7,988
Elbert	8,073
McCracken	8,244
Cambrian	8,357

WELL BORE DIAGRAM

Field: LISBON
 Well : D810
 Location: Sec 10 T30S R24E Drilled: 9-1960
 Last Stimulation Date: 4-66
 KB 9 ft above GL

Casing Detail

13 3/8" 48# H40 @ 1059.32'
 7 5/8" 29.7.26.4 N80 @ 8444'
 w/ 850sx

Packer fluid-Cronox 235

Tubing Detail

240 jts 3.5" eue 9.3# 8rd 7571.09
 1 pup 3.5 eue 9.3# 6.00

includes Baker Model F packer
 set w/ 8000# Tension

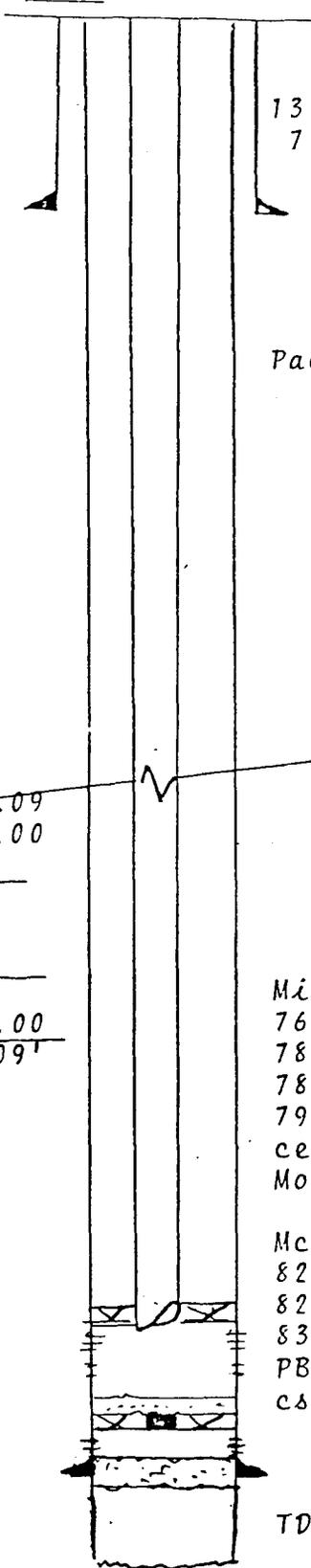
KB 9.00
 7586.09'

Perf Record

Mississippian-
 7686-7700 2 spf
 7800-7836' 2 spf
 7836-7970' 1 spf
 7970-7980 2 spf
 cement top 8079'
 Model D w/DR plug 8100'

McCracken-
 8254-8264 4 spf
 8278-8282
 8320-8330
 PB 8370-8600 w/ 50 sx
 csg 8444'

TD 9310'



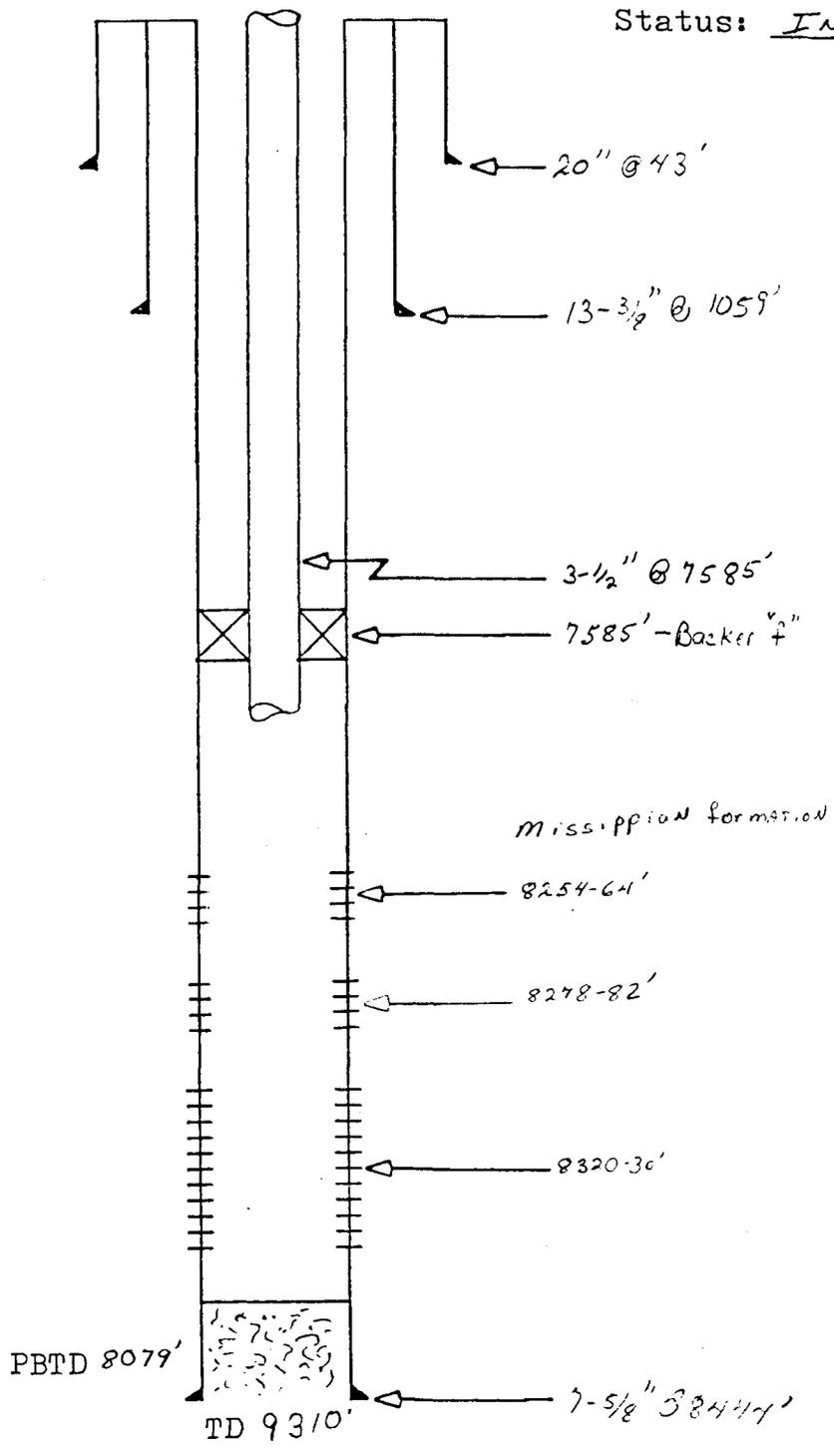
Well # D-210
Field LISBON
Unit Lisbon
Date Lisbon

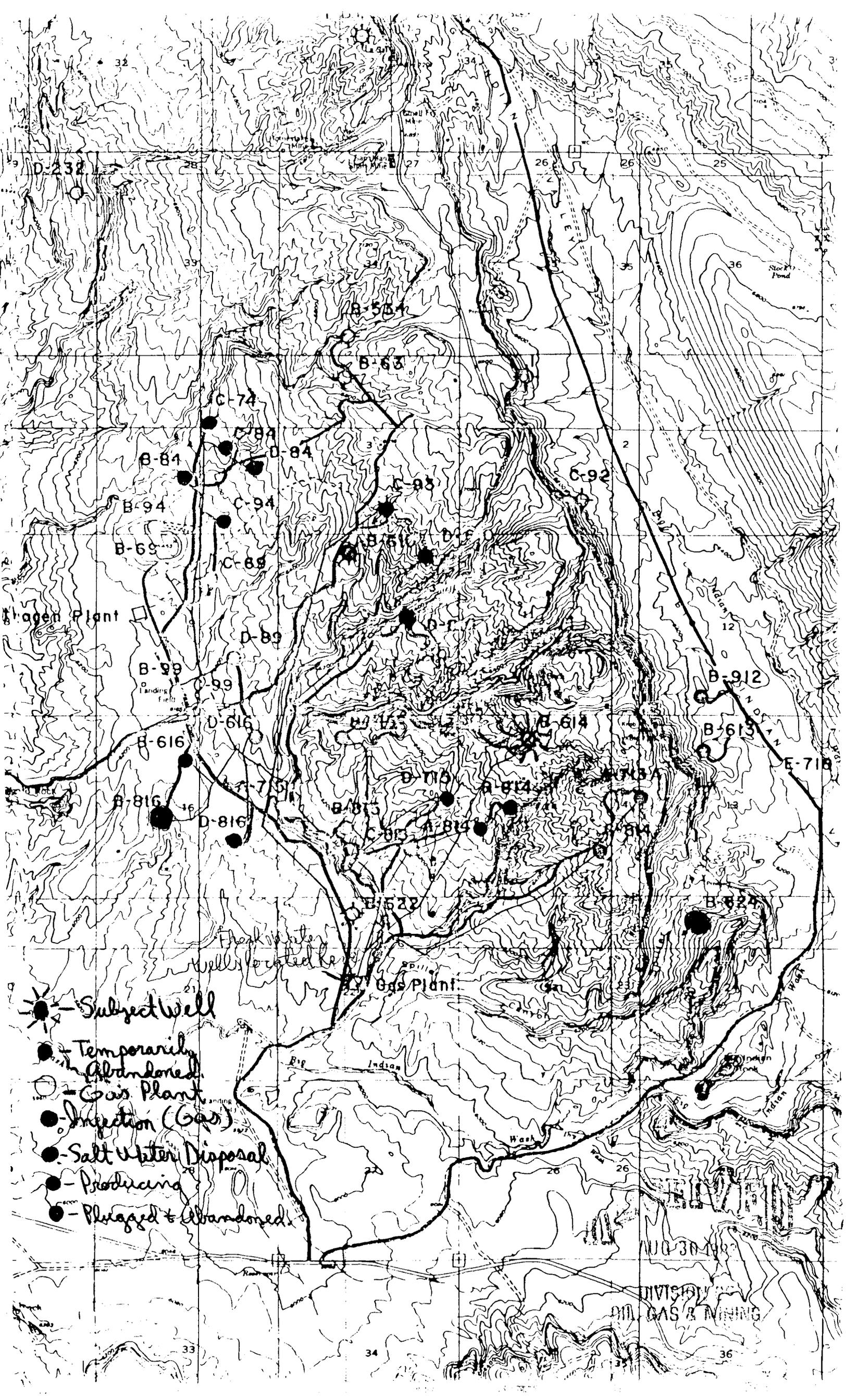
UNION OIL COMPANY OF CALIFORNIA
CENTRAL REGION
CASPER DISTRICT
MOAB AREA

Elevation G.L. 6631' Datum is 11.5' Above G.L.
Production BOD: — BWD: — MCFD: 18219
Pressure TP: 2321 @ Well Head GP: 2550 Inlet pressure BHP: —

Status: INJECTION On Date: 7/14/61

*This well produced out of the mchale
zone until 4/67*





D-232

B-584

B-63

C-74

C-84

B-81

D-84

C-85

C-92

B-94

C-94

B-69

C-69

B-510

D-510

Hagen Plant

D-89

B-99

D-99

B-616

D-616

B-614

B-912

B-613

E-718

B-816

D-816

B-815

D-815

A-814

B-814

B-522

B-824

Subject Well

Temporarily Abandoned

Gas Plant

Injection (Gas)

Salt Water Disposal

Producing

Plugged & Abandoned

Fresh Water Wells Located Here

Gas Plant

NOV 30 1982

DIVISION OF OIL, GAS & MINING

33

34

35

36

9
LEASE NAME: Lisbon Unit

FIELD: Lisbon

<u>WELL NAME</u>	<u>LOCATION</u>	<u>TOTAL DEPTH</u>	<u>STATUS</u>	<u>SURFACE OWNER</u>	<u>OPERATOR</u>
D-84	S-4, T30S, R24E 1,980' FSL & 660' FEL	8,858'	Inj. well	Federal Gov.	Union Oil Co. of Ca
C-84	S-4, T30S, R24E 2,690' FNL & 1,520' FEL	8,922'	Prod.	Federal Gov.	Union Oil Co. of Ca
C-94	S-4, T30S, R24E 330' FSL & 1,600' FEL	8,859'	Prod.	Federal Gov.	Union Oil Co. of Ca
B-84	S-4, T30S, R24E 1,648' FSL & 2,516' FWL	8,841'	Prod.	Federal Gov.	Union Oil Co. of Ca
C-74	S-4, T30S, R24E 1,980' FNL & 1,980' FEL	9,017'	Temp. Abd.	Federal Gov.	Union Oil Co. of Ca

INJECTION WELLS

NAME	LOCATION OF WELLS	TOTAL DEPTH (ft)
B-614 43-037-16468	667/N & 2030/W NENW Sec. 14-T30S-R24E	9022
B-610 43-037-16469	563/N & 2050/W NENW Sec. 10-T30S-R24E	8440
D-810 16471	1895/S & 755/E NESE Sec. 10-T30S-R24E	9310
D-84 16250	1980/S & 660/E NESE Sec. 4-T30S-R24E	9126

DISPOSAL WELLS

B-624	710/N & 166/W NENW Sec. 24-T30S-R24E	9648
B-816	1860/W & 2250/S NESW Sec. 16-T30S-R24E	8650

PRODUCTION WELL within 1/2 mile of Injection Wells and Disposal Wells

C-84	2690/N & 1520/E NWSE Sec. 4-T30S-R24E	8964
B-84	1648/S & 2516/W, Sec. 4-T30S-R24E	8766
C-74	1980/N & 1980/E SWNE Sec. 4-T30S-R24E	9017
C-94	330/S & 1600/E SWSE Sec. 4-T30S-R24E	8859
C-93	765/S & 2105/E, Sec. 3-T30S-R24E	8430
D-610	565/N & 964/E, Sec. 10-T30S-R24E	8510
B-616	1310/N & 2660/E NENW Sec. 16-T30S-R24E	8689
D-816	1620/S & 1220/E, Sec. 16-T30S-R24E	8666
D-715	2450/N & 335/E, Sec. 15-T30S-R24E	8896
B-814	1482/W & 2601/S, Sec. 14-T30S-R24E	8735
A-814	1980/S & 660/W, Sec. 14-T30S-R24E	9015

WATER WELLS

Plant Well #1	2780/N & 2450/E from SW corner Sec. 22-T30S-R24E	500
Shop Well #2	2346/N & 2586/E from Sw corner Sec. 22-T30S-R24E	500

All land within a half mile of each injection well is federally, state and Union owned and the operator of all the wells within a half mile of the injection wells is Union Oil of California.

Page 2
Pressure Test
December 2, 1988

Please contact Mr. Dan Jarvis at (801) 538-5340 to arrange a meeting time or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt". The signature is written in a cursive style with a large, sweeping initial "G".

Gil Hunt
Environmental/Geological Supervisor

bd
UI1/13-14

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

SUBMIT IN TRIPL
(Other instructions
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL GAS WELL OTHER **Gas Injection Well**

2. NAME OF OPERATOR
Union Oil Company of California

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

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

1895' FSL & 755' FEL (NE SE)

14. PERMIT NO.
API No. 43-037-16471

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6631' GR

5. LEASE DESIGNATION AND SERIAL NO.

U-014903

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lisbon Unit

8. FARM OR LEASE NAME

Lisbon Unit

9. WELL NO.

D-810

10. FIELD AND POOL, OR WILDCAT

Lisbon

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

Sec. 10, T.30S., R.24E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) **REPAIR CASING**

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

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

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

**9310' TD; 8079' PBTD
20" @ 43'
13-3/8" @ 1059'
7-5/8" @ 8444'**

Perfs: **7686-7760')
7800-7836') - Mississippian
7836-7970')
7970-7980')

8254-8264')
8278-8282') - McCracken
8320-8330')**

(Model "D" packer at 8100' w/"DR" plug in it & 4-1/2 sx cmt on top)

A pressure test of the tubing-casing annulus of this gas injection well indicated that there is a casing leak. This leak must be repaired in order to meet federal underground injection control requirements.

Proposed Plan of Procedure

- MIRU pulling unit. R.U. H₂S safety equipment.
- Pump Mississippian produced water down 3-1/2" tubing to kill well. Trickle water down well throughout job to keep well dead and keep casing from collapsing.

(Continued on Attached Sheet)

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

SIGNED *John R. Underhill*
John R. Underhill

TITLE District Drilling Supt.

DATE 3-9-89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 3-30-89

*See BY: *[Signature]*

RECEIVED
MAR 13 1989

DIVISION OF
OIL, GAS & MINING

3. N.U. and test BOP. Repair wellhead and Xtree as required.
4. POOH with tubing, laying it down. Inspect tubing and redress seal assembly.
5. RIH with retrievable bridge plug (RBP) and packer on 2-7/8" workstring. Set RBP at $\pm 7550'$. Test casing to find top and bottom of hole in casing seal.
6. Retrieve RBP and set approximately 150' below bottom of hole in casing. POOH with packer and tubing.
7. Dump 10 sacks of 20-40 sand on top of RBP.
8. RIH with open-ended tubing to bottom of hole in casing. Spot 150 sacks of class "G" cement with 2% CaCl_2 , 0.5% D-27 fluid loss additive, and 5#/sk gilsonite across interval with hole in casing. POOH with tubing at least 500' above top of cement and bradenhead squeeze hole in casing. SWION to let cement set up.
9. POOH with tubing. RIH with bit and D.C.'s on workstring. Drill out cement to top of sand and circulate hole clean. Pressure test casing to 1500 psi. If casing tests, continue to Step 10. If casing does not test, resqueeze hole with cement, drill out, and retest.
10. Reverse circulate sand off RBP. POOH with tubing, laying down bit. RIH with BP retrieving tool on tubing. Retrieve BP and POOH, laying down tubing and RBP.
11. RIH with seal assembly on 3-1/2" production tubing. Land seal assembly in model "F" packer. Load annulus with packer fluid. Pressure annulus to 1200 psi to test packer, casing and tubing. Release pressure, N.D. BOP, and N.U. wellhead.
12. R.D. and release rig.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Lisbon D-810
NW Lushan ~~USA~~ USA A 2
(Location) Sec 10 Twp 30S Rng 24E
(API No.) 43-037-16471

Suspense
(Return Date) _____
(To - Initials) _____

Other

1. Date of Phone Call: 4-21-89 Time: 2:45

2. DOGM Employee (name) Frank Matthews (Initiated Call)
Talked to:

Name Carl Greve (Initiated Call) - Phone No. () _____

of (Company/Organization) Union Oil

3. Topic of Conversation: Had planned to run pressure test on well but now have tubing hung on hole while reversing out sand.

4. Highlights of Conversation: Will put pressure test on chart and mail it on to DOGM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT TO DATE*
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO. **U-014903**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Gas Injection Well	7. UNIT AGREEMENT NAME Lisbon Unit
2. NAME OF OPERATOR Union Oil Company of California	8. FARM OR LEASE NAME Lisbon Unit
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602	9. WELL NO. D-810
4. LOCATION OF WELL (Report location clearly and in accordance with a... See also space 17 below.) At surface 1895' FSL & 755' FEL (NE S...)	10. FIELD AND POOL, OR WILDCAT Lisbon
14. PERMIT NO. API 43-037-16471	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10, T30S, R24E
15. ELEVATIONS (Show whether DF, RT, G, etc.) 6631' GR	12. COUNTY OR PARISH San Juan
	13. STATE Utah

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MAY 08 1989

DIVISION OF
OIL, GAS & MINING

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

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

(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.)

9310' TD; 8079' PBD

MIRU well service unit on 4-10-89. Pumped 60 bbls. produced water down annulus. R.U. H₂S safety equipment. Pumped 60 bbls. produced water down tubing to kill well. N.U. and tested BOP to 1500 psi, O.K. POOH with 3-1/2" tubing. P.U. bridge plug and RIH on 2-7/8" tubing. Tagged top of Model "F" packer at 7585'. POOH. RIH with retrievable bridge plug (RBP) and packer, setting RBP at 7540' and packer at 7521'. Tested RBP to 1000 psi, O.K. Located hole in 7-5/8" casing with packer at 1150'. Dumped 5 sacks of sand on RBP. Pumped 10 bbls. water down 7-5/8" casing followed by 220 sacks of class "B" cement with 10# Cal-Seal per sack and 1% CaCl, mixed at 15 ppg and pumped at 1-1/2 to 2 bpm at 50 psi. Displaced with 47 bbls. water at 1 bpm at 50-100 psi. Had full returns up 7-5/8" x 13-3/8" annulus after pumping 20 bbls. cement down 7-5/8" casing. SDON.

P.U. 6-1/2" bit and TIH on 2-3/8" workstring. Tagged soft cement at 850' and drilled to 1050'. Drilled firm cement from 1025' to 1165'.

(Continued on Attached Sheet)

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 5-2-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

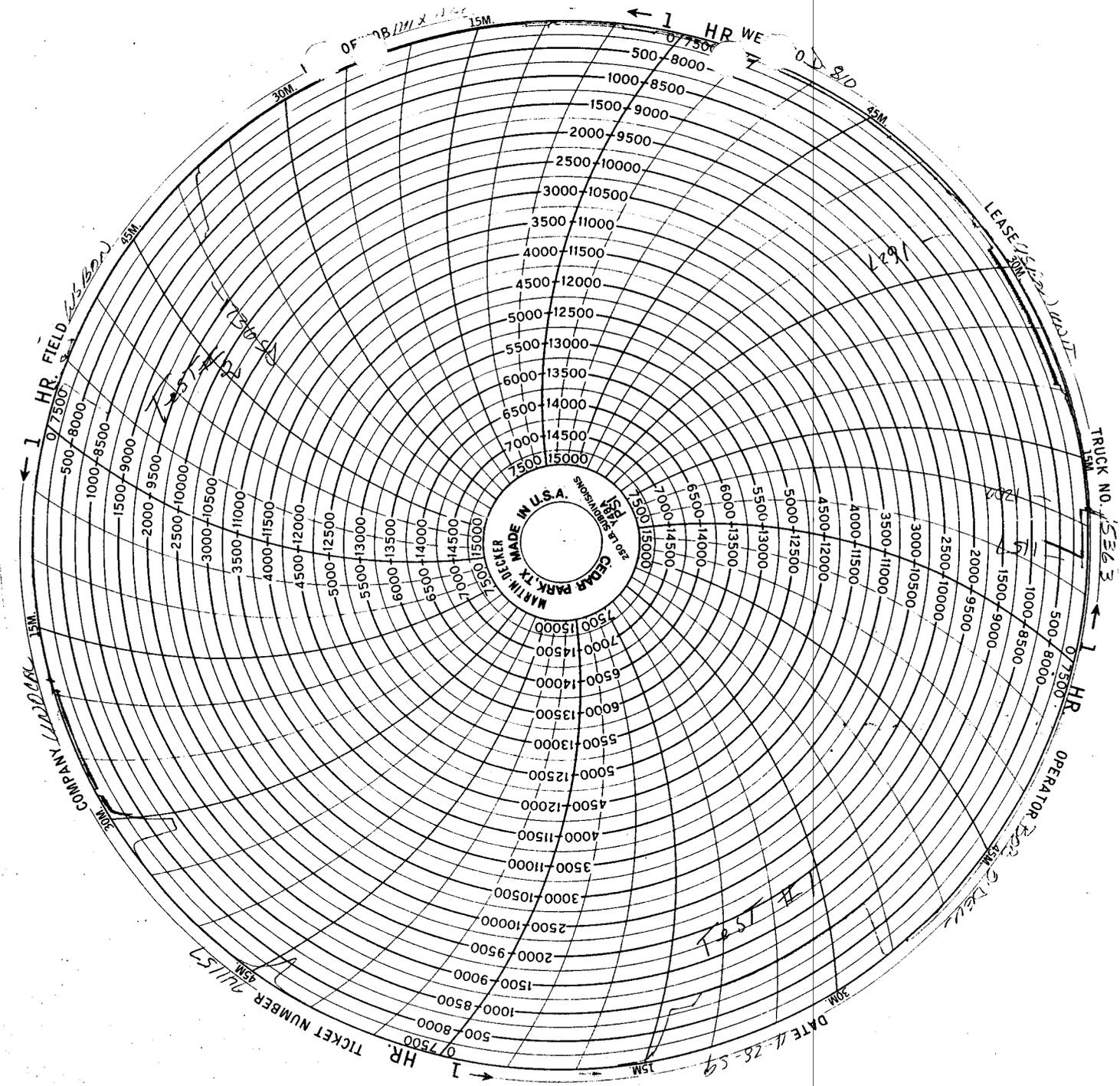
*See Instructions on Reverse Side

Union Oil Company of California
Lisbon Unit Well No. D-810
Lisbon Field
San Juan County, Utah
5-2-89
Page 2

Circulated hole clean. Tested casing as follows: Pressured up to 1000 psi, bled to 900 psi/3 mins.; to 1500 psi, bled to 1400 psi/3 mins.; and to 1500 psi, bled to 400 psi/30 mins. Tested 7-5/8" casing down tubing to 3000 psi, O.K. Tested annulus to 3000 psi, O.K. Broke down squeeze #1 at 1160' at 2300 psi back to 2100 psi. Established injection rate at 2-1/2 bpm at 1600 psi. Released packer and TOOH.

Pumped squeeze #2 with 250 sacks of cement at 2 bpm at 1600-1000-700 psi. Displaced with 11 bbls. water at 700-1200 psi. ISIP 1000 psi. 15 mins. 525 psi. 1 hr. 400 psi. Tagged cement at 985'. Drilled cement to 1170'. Circulated hole clean. Pressure tested squeeze/casing to 1250 psi/15 mins. with no leak-off. TOOH.

RIH with casing scraper to 1300', O.K. POOH. Tagged sand at 7500'. Cleaned out to 7545'. Tested casing to 1000 psi; held O.K. Circulated back sand off RBP. TOOH with RBP. N.D. BOP and spool. N.U. BOP and tubing head. RIH with seal assembly and latch-in assembly on 3-1/2" tubing. Landed tubing at 7587.25'. Tested to 1000 psi for 15 mins., O.K. Unlatched seal assembly and loaded hole with packer fluid. Stung back into packer and latched in. Pressure tested to 1000 psi. (Test witnessed by Jim Monroe, BLM, Moab, Utah.) N.U. tree. Released rig on 4-27-89. Returned to injection on 4-29-89 at rate of 13,215 MCFD at 2400 psi. Injecting at rate of 14,026 MCFD at 2400 psi on 4-30-89 and 15,200 MCFD at 2400 psi on 5-1-89.



4-28-89

This Cy Press test was witnessed by
 Jim Monroe of the BLM
 Union Oil Company of California
 Lisbon Unit Well D-810

RECEIVED
 MAY 03 1989
 DIVISION OF
 OIL, GAS & MINING

Unocal North American
Oil & Gas Division
Unocal Corporation
14141 Southwest Freeway
Sugar Land, Texas 77478
P.O. Box 4551
Houston, Texas 77210-4551
Telephone (713) 491-7600

UNOCAL 

May 14, 1993

RECEIVED

MAY 17 1993

DIVISION OF
OIL GAS & MINING

State of Utah
Attn: Mr. Gil Hunt
Department of Natural Resources
Division of Oil, Gas, & Mining
335 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1200

**RE: Conversion of a Gas Injection
Well to Helium Storage**

Dear Mr. Hunt:

As per our conversation in November of 1992, please find enclosed copies of the sundry notice filed with the BLM. The sundry requests permission to convert a gas injection well at our Lisbon Unit to a helium storage well when reservoir blowdown commences in July 1993. This conversion requiring no surface or subsurface modifications.

If you require any additional information concerning this matter, please call the undersigned at (713) 287-7280.

Sincerely,

Union Oil Company of California
dba UNOCAL



Tom E. Baiar
Petroleum Engineer

TB/bjt



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

RECEIVED

MAY 17 1993

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Union Oil Company of California

3. Address and Telephone No.
 14141 SW Freeway, Sugar Land, TX 77478 (713)287-7280

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

5. Lease Designation and Serial No.

6. Indian, Aliottee or Tribe Name

7. Unit or CA, Agreement Designation
 Lisbon Unit

8. Well Name and No.

9. API Well No.

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

converting gas injection well to
helium storage well

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

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

Union Oil Company of California requests permission to convert one of the four gas injection wells (B-610, B-614, D-84, & D-810) at our Lisbon Unit to a helium storage well when reservoir blowdown commences in July 1993. At this time, the most likely candidate to be converted is the Lisbon Unit No. B-610 located in Sec. 10, T30S, R24E. This conversion requires no surface or subsurface modifications.

During plant start-up, the well will be used to temporarily store helium rich gas. After plant start-up, the well will be used for temporary helium and/or helium rich gas storage when the helium extraction facility is shut-down for repairs or when plant storage capacity is exceeded.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 5-18-93
By: [Signature] Date: 5/14/93**

I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Petroleum Engineer

(This space for Federal or State office use)

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

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

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.
U-014903

6. If Indian, Allottee or Tribe Name

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 760, Moab, Utah 84532 801-686-2236

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

Sec. 10, T-30-S, R-24-E

Lisbon Unit

8. Well Name and No.

D-810

9. API Well No.

43-037-16471

10. Field and Pool, or Exploratory Area

Mississippian

11. County or Parish, State

San Juan Co., Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

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

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

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

Union Oil Company of California dba Unocal requests a dual status for Lisbon Unit Well #D-810R. This is a reinjection well for the Lisbon Plant. When not used as reinjection it will flow gas to Lisbon Plant as well #D-810. Site equipment will include a 3 phase separator, electronic and mechanical gas metering equipment. The present metering for reinjection of gas well #D-810 R will be left in place. See attached site drawing.

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

Date: 4-1-96

By: [Signature]

95 FEB 13 AM 11:23

BUREAU OF LAND MANAGEMENT

RECEIVED

6 FEB 1996

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

Signed [Signature]

Title Production Tech

Date 2-6-96

(This space for Federal or State office use)

Approved by [Signature]

Title Associate District Manager

Date 2/14/96

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 760, Moab, Utah 84532 801-686-2236

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

Sec. 10, T-30-S, R-24-E

5. Lease Designation and Serial No.
U-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

Lisbon Unit

8. Well Name and No.

D-810

9. API Well No.

43-037-16471

10. Field and Pool, or Exploratory Area

Mississippian

11. County or Parish, State

San Juan Co., Utah

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

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

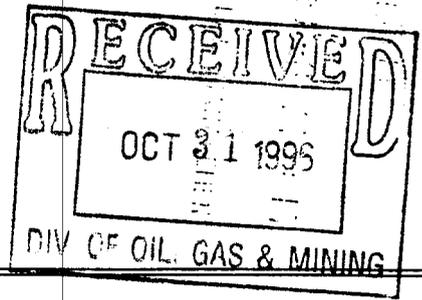
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Union Oil Company of California dba Unocal requests a dual status for Lisbon Unit Well #D-810R. This is a reinjection well for the Lisbon Plant. When not used as reinjection it will flow gas to Lisbon Plant as well #D-810. Site equipment will include a 3 phase separator, electronic and mechanical gas metering equipment. The present metering for reinjection of gas well #D-810 R will be left in place. See attached site drawing.

95 FEB 13 AM 11:23

BUREAU OF LAND MANAGEMENT



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

Signed *Rod Z Cortez*

Title *Production Tech*

Date *2-6-96*

(This space for Federal or State office use)

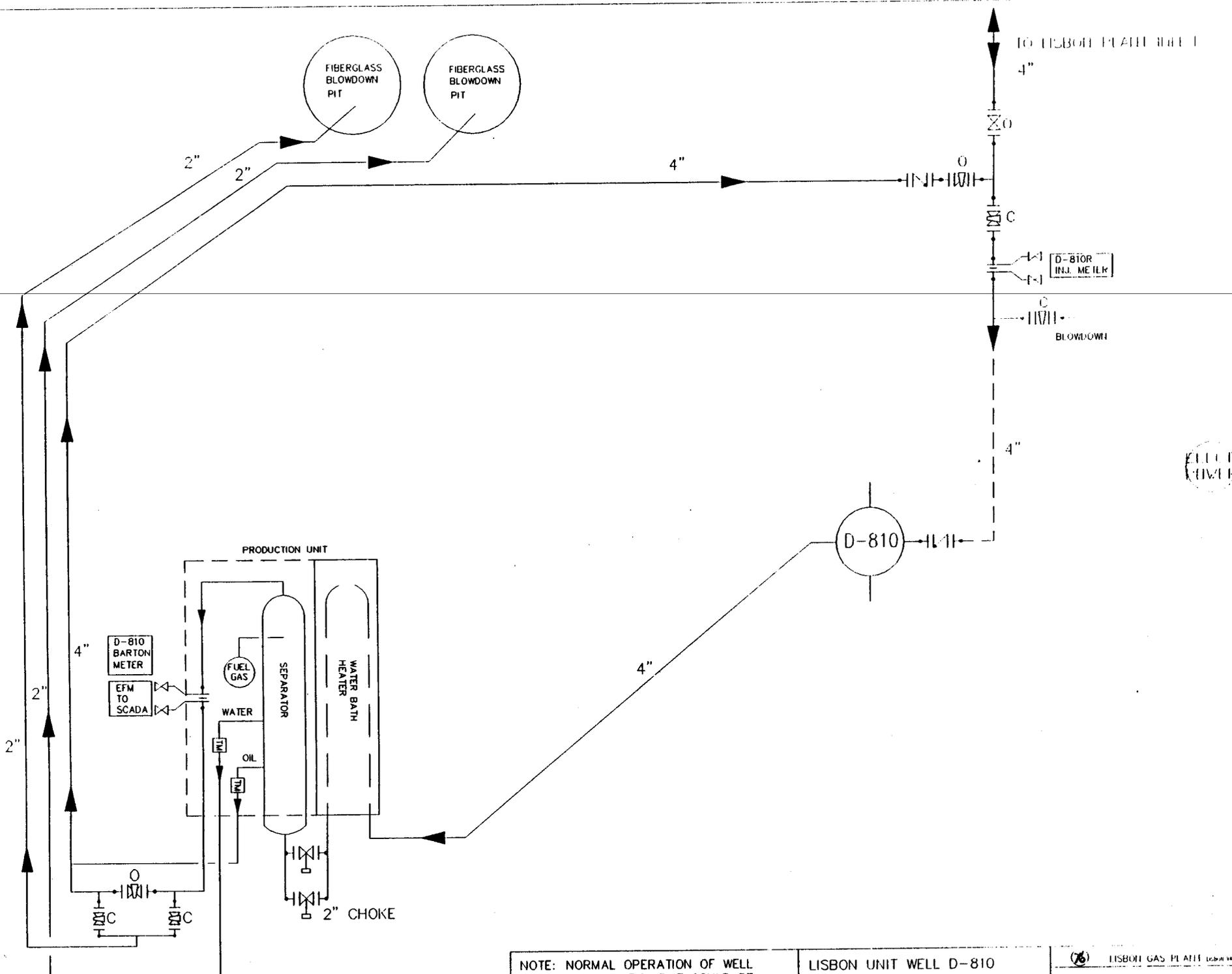
Approved by *William H.*

Title *Associate District Manager*

Date *2/10/96*

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.



RTU

NOTE: NORMAL OPERATION OF WELL WILL BE PRODUCTION. BUT COULD BE USED FOR INJECTION WHEN NEEDED

LISBON UNIT WELL D-810
 LEASE # U-014903
 SEC 10, T30S, R24E

LISBON GAS PLANT LISBON VALLEY, OHIO			
D-810 SITE DRAWING			
DR BY	SCALE	DATE	PLANT NO.
CHK BY	REV	1/18/76	D 810



Dual Status (Producing/Injection)
Union Oil Company of California
Well No. D-810
Sec. 10, T. 30 S., R. 24 E.
San Juan County, Utah
Lisbon Unit (Lease U-014903)

CONDITIONS OF APPROVAL

1. Notify this office by sundry notice (Form 3160-5) anytime the well's status changes.

12-5-96

PER ARSIE & RICK at
UNION OIL CO OF CA

LISBON D-810 4303716471

IS NOT DUAL COMPL
ANYMORE. 3270 ~~STO~~ STATES
MCRKN PA 4-15-66. WE STILL
SHOW GIW. — Tell Dan
then change to TAZ

I BELIEVE MCRKN SHOULD
BE CHANGED TO PA(TAZ) OR
HOW ^{FOR} YOU HANDLE ~~THE~~ TWO
ZONES. MSSP IS PGW
EFF 2-96

✓

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.

U-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon Unit

8. Well Name and No.

D-810

9. API Well No.

43-037-16471

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 Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

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

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

Sec. 10, T-30-S, R-24-E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

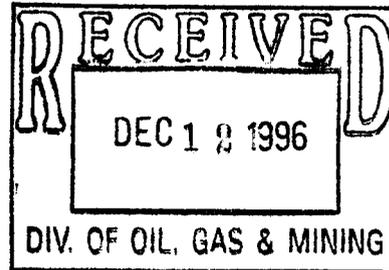
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **First Production**

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

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

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

Union Oil Co. of California, dba Unocal, gives notice that on 2-27-96, Lisbon Unit well D-810 was put on production. D-810-R, reinjection has ceased.



RECEIVED
 DIVISION OF OIL, GAS & MINING
 CS 11417-6 PM 3:05
 11/11/96

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

Signed *Richard L. Costanzo*

Title *Prod. Tech*

Date *2-29-95*

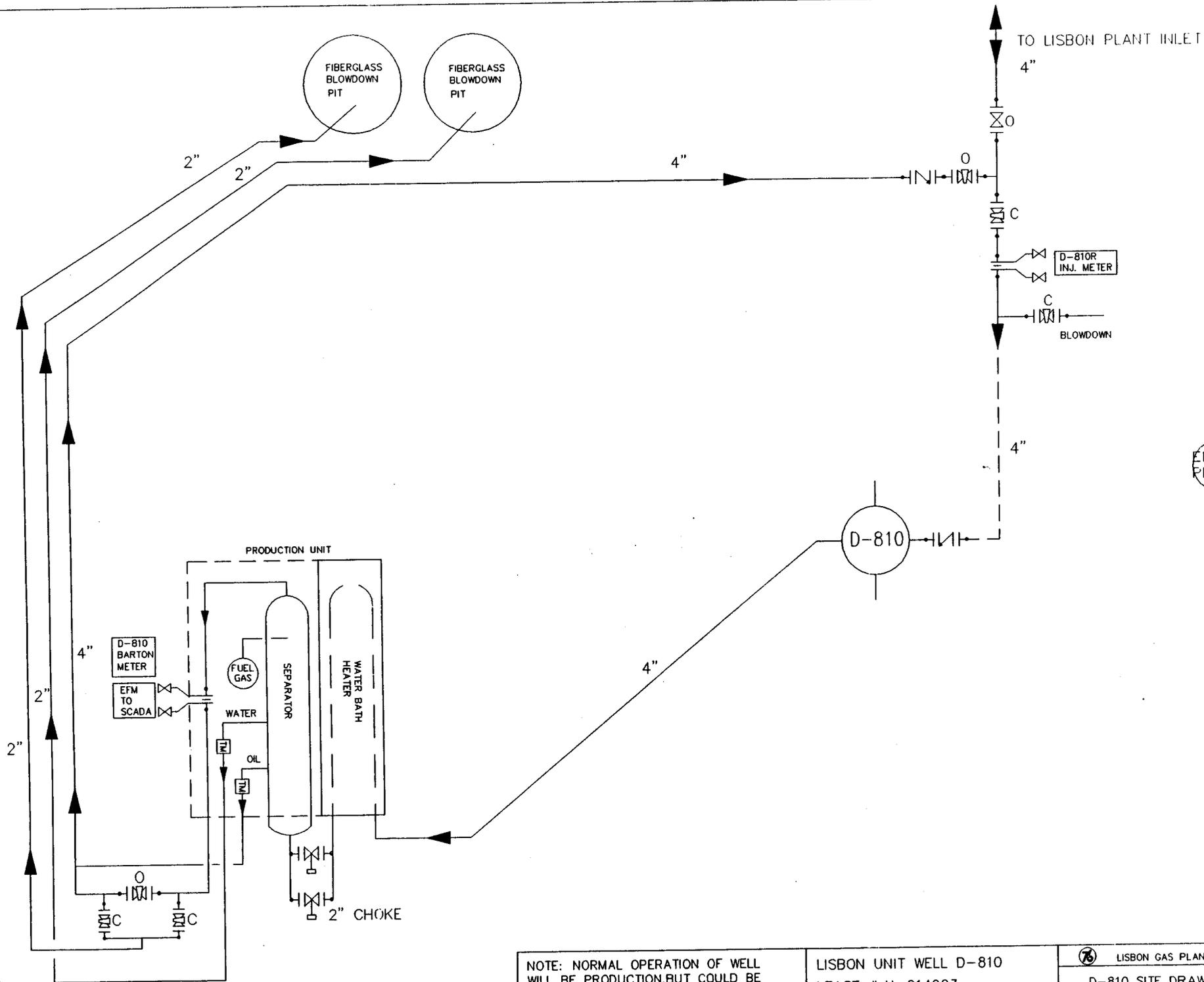
(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title Branch of Fluid Minerals
Moab District

Date MAR 7 1996

RTU



ELECT POWER

NOTE: NORMAL OPERATION OF WELL WILL BE PRODUCTION, BUT COULD BE USED FOR INJECTION WHEN NEEDED

LISBON UNIT WELL D-810
 LEASE # U-014903
 SEC 10, T30S, R24E

LISBON GAS PLANT LISBON VALLEY, UTAH			
D-810 SITE DRAWING			
<small>DR. BY</small> D ROSA	<small>SCALE</small> NONE	<small>PROJ. NO.</small>	
<small>CHK. BY</small>	<small>DATE</small> 1/18/06	<small>DRG. NO.</small>	<small>NO.</small> D-810
<small>APPD. BY</small>	<small>REV.</small>		

Dual Status (Producing/Injection)
Union Oil Company of California
Well No. D-810
Sec. 10, T. 30 S., R. 24 E.
San Juan County, Utah
Lisbon Unit (Lease U-014903)

CONDITIONS OF APPROVAL

1. Notify this office by sundry notice (Form 3160-5) anytime the well's status changes.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

U-014903

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

Lisbon Unit

8. Well Name and No.

D-810

9. API Well No.

43-037-16471

10. Field and Pool, or Exploratory Area

Mississippian

11. County or Parish, State

San Juan Co. Utah

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 760, Moab Utah 84532 (801) 686-2236

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

Sec. 10, T-30-S, R-24-E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

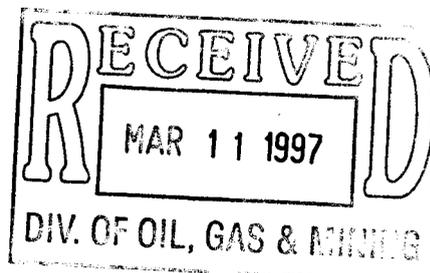
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **First Production**

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

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

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

Union Oil Co. of California, dba Unocal, gives notice that on 2-27-96, Lisbon Unit well D-810 was put on production. D-810-R, reinjection has ceased.



COPIED - 6 PM 8:05
MAR 11 1997

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

Signed *Bill L. Cooney*

Title Prod. Tech

Date 2-29-95

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title Branch of Fluid Minerals
Moab District

Date MAR 7 1996

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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 760 Moab, Utah 84532 801-686-2236

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 10, T-30-S, R-24-E

5. Lease Designation and Serial No.
U-014903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Lisbon Unit

8. Well Name and No.
D-810

9. API Well No.
43-037-16471

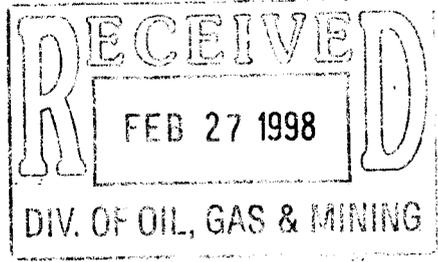
10. Field and Pool, or Exploratory Area
Mississippian

11. County or Parish, State
San Juan

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 type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other
	<input checked="" 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.)
Union Oil Company of California dba Unocal plans to use Well D-810 as an injection Well during plant maintenance. From July 18, 1997 to August 1, 1997. The Well will then be returned to it's normal operation as a producing Well. This notice is to comply with the conditions set forth in the Sundry Notice requesting status of this Well on February 14, 1996.



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

Signed Douglas H. Rosa Title Production Tech. Assistant Field Manager, Date 7-17-97
(This space for Federal or State office use)

Approved by [Signature] Title Resource Management Date 7/31/97
 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 statement or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Change of Name

Merger

The operator of the well(s) listed below has changed, effective: **1/1/2005**

FROM: (Old Operator): N9885-Tom Brown, Inc. 555 17th St, Suite 1850 Denver, CO 80202 Phone: 1-(720) 876-5157	TO: (New Operator): N2175-EnCana Oil & Gas (USA) Inc. 370 17th St, Suite 1700 Denver, CO 80202 Phone: 1-(720) 876-5068
---	--

CA No.

Unit:

LISBON

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A

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: 1/27/2005
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/27/2005
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 5053175-0143
- If **NO**, the operator was contacted on:
- 6a. (R649-9-2) Waste Management Plan has been received on: In PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: n/a

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

8. **Federal and Indian Units:**

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

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

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

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

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/24/2005

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/24/2005

3. Bond information entered in RBDMS on: 2/24/2005

4. Fee/State wells attached to bond in RBDMS on: 2/24/2005

5. Injection Projects to new operator in RBDMS on: 2/24/2005

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

2. The FORMER operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

Merger and rider of bond from Tom Brown, Inc.

STATE OF UTAH
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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and Number

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

Contact: Jane Washburn
Phone: 720/876-5431

9. API Well Number

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area

4. Location of Well

Footages:

SEE ATTACHED LIST OF WELLS

County:

QQ, Sec T,R,M:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Other _____
Change of Operator

Approximate date work will start _____

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	WD	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						N98
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	WD	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	OW	P		LISBON	UTSL-070008A	NENW						N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	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						N98
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	WD	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	8123	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTU-014903	NENE						N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW						N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	SWSE						N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW						N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	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							

Delaware

PAGE 1

The First State

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

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

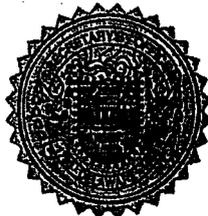
"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

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

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

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

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



2137895 8100M

040934710

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

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

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

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

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

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

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

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

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

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

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

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

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

ENCANA OIL & GAS (USA) INC.

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Lisbon D-810	API Number 4303716471
Location of Well Footage: 1895 FSL, 755 FEL County: SAN JUAN	Field or Unit Name LISBON
QQ, Section, Township, Range: NESE 10 30S 24E State: UTAH	Lease Designation and Number UTU-014903

EFFECTIVE DATE OF TRANSFER: 1/1/2005

CURRENT OPERATOR

Company: Tom Brown, Inc.
Address: 555 17th Street, Suite 1850
city Denver state CO zip 80202
Phone: (720) 876-5157
Comments:

Name: Darrin Henke
Signature: *D. Henke*
Title: Attorney-in-fact
Date: 2/17/2005

NEW OPERATOR

Company: EnCana Oil & Gas (USA) Inc.
Address: 370 17th Street, Suite 1700
city Denver state CO zip 80202
Phone: (720) 876-5068
Comments:

Name: Doug VanSteeandt
Signature: *Doug VanSteeandt*
Title: Attorney-in-fact
Date: 2/17/2005

(This space for State use only)

Transfer approved by: *[Signature]*
Title: *Fed. Services Manager*

Approval Date: 2-23-05

Comments: well is due for MIT.
CAUSE# 102-71.1

RECEIVED
FEB 23 2005

DIV. OF OIL, GAS & MINING

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

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 checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
PHONE NUMBER: (303) 623-2300		10. FIELD AND POOL, OR WMLDCAT:

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. *RFB0013207 + 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

(5/2000)

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: U-014903
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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Lisbon Unit
2. NAME OF OPERATOR: Patara Oil and Gas, LLC		8. WELL NAME and NUMBER: Lisbon D-810
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1900S CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4303716471
		10. FIELD AND POOL, OR WILDCAT: Lisbon
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895' FSL & 755' FEL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 30S 24E		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 (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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 checked="" type="checkbox"/> OTHER: <u>Dual complete in</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>McCracken / Miss.</u>

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

Patara Oil & Gas, LLC proposes to workover the Lisbon D-810 well to repair a casing leak and dually complete the well in the Mississippian and McCracken formations. The well is currently a Mississippian gas producer with the McCracken oil zone temporarily plugged off beneath a packer capped with cement. A mechanical integrity test was performed on the annulus and it failed, indicating a casing leak.

A proposed workover procedure is attached along with the current & proposed wellbore schematics, log section, production plots and proposed frac procedure. In summary Patara will repair the casing leak, cut out the packers over the Mississippian and McCracken formation, install a new packer over the McCracken, fracture stimulate the McCracken interval (8254 - 8330' OA) via a 3 1/2" frac string, dually complete the McCracken with the Mississippian interval (7688 - 7980' OA) using a dual packer to isolate the zones. The McCracken oil formation will be gas lifted using gas lift valves installed during the workover.

COPY SENT TO OPERATOR
Date: 6.22.2011
Initials: KS

RECEIVED
JUN 16 2011
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>John B. Warren</u>	TITLE <u>Production Manager</u>
SIGNATURE	DATE <u>5/20/2011</u>

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

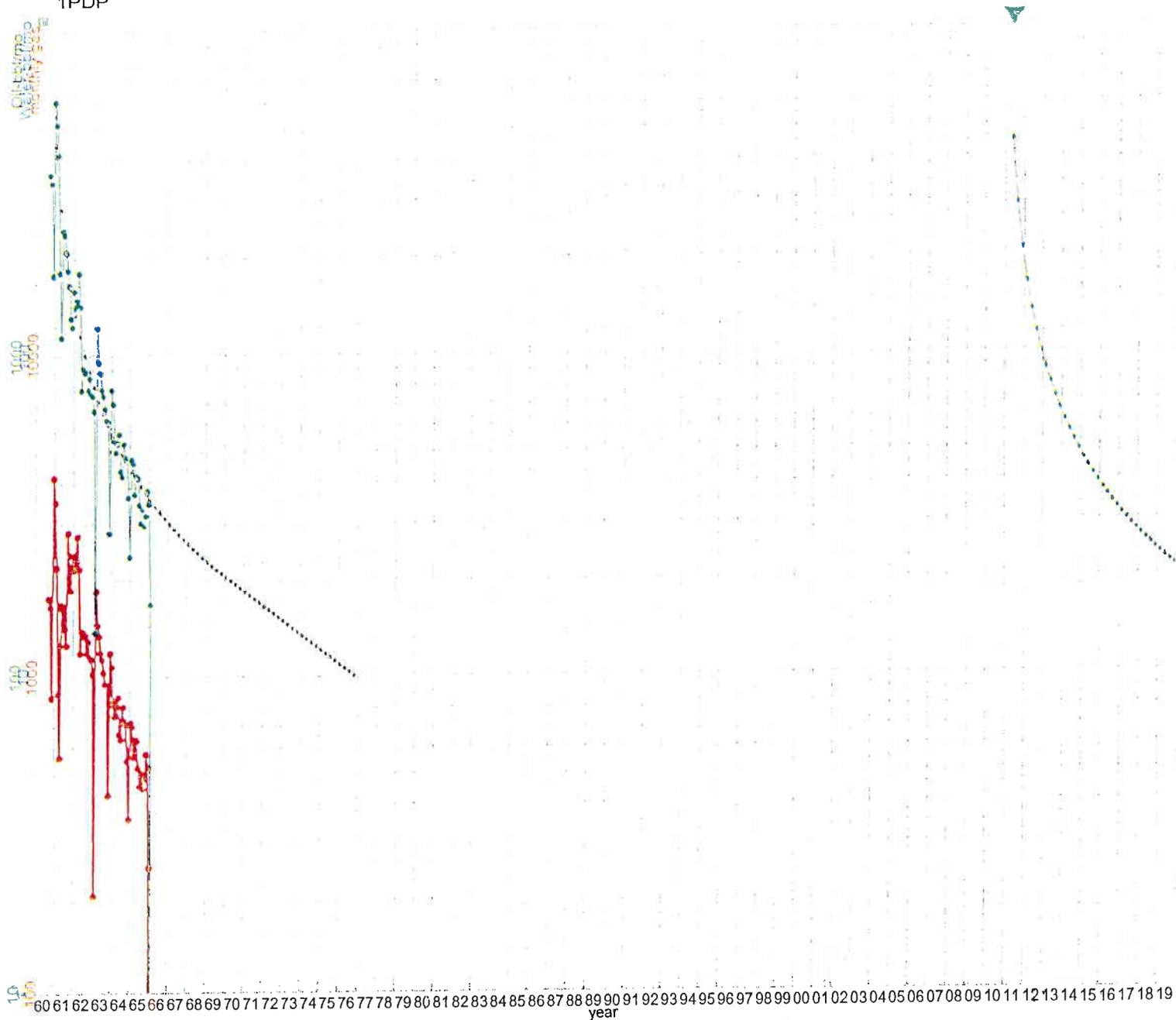
Date: 6/20/2011
By:

Federal Approval Of This
Action Is Necessary

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

LISBON D 810 MCRKN LISBON USA A-2

LISBON
SAN JUAN, UT
1PDP



Oil-bbl/mo
Qual= Oil - 1
Ref= 6/2011
Cum= 0
Rem= 0
EUR= 0
Yrs= 0.000
Qref= 0.0
De= 0.000000
Dmin= 0.000
b= 0.000000
Qab= 0.0

Oil-bbl/mo
Qual= POG0411
Ref= 6/2011
Cum= 73350
Rem= 83420
EUR= 156770
Yrs= 15.830
Qref= 4500.0
De= 70.003024
Dmin= 10.000
b= 0.999800
Qab= 100.0

monthly gas
Ref= 6/2011
Cum= 78451

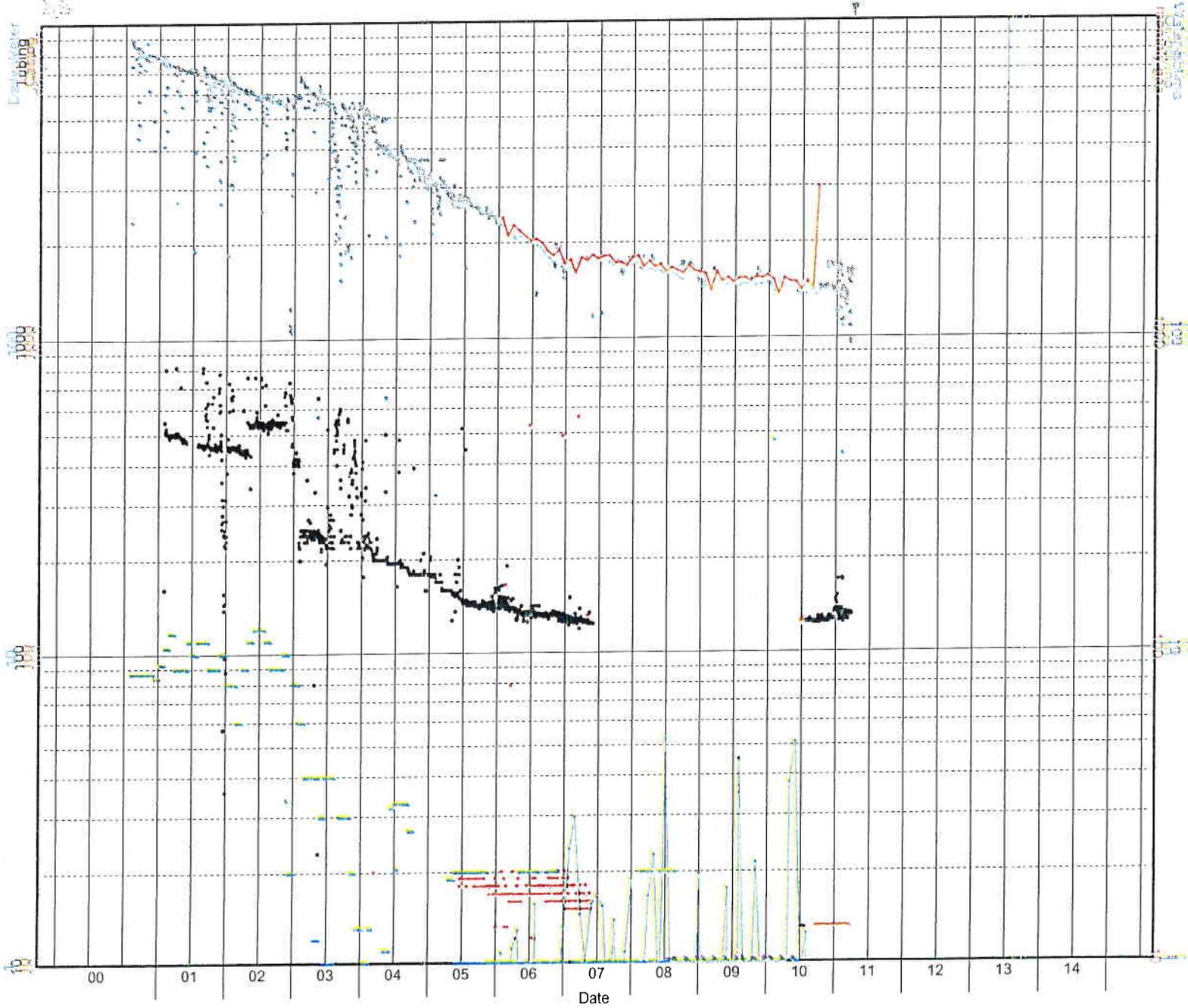
Water-bbl/mo
Ref= 6/2011
Cum= 0

based on original decline
- smaller frac
- higher pressure
- no GL

RECEIVED
JUN 16 2011
DIV. OF OIL, GAS & MINING

LISBON D 810 MSSP/NW LISBON USA A-2

LISBON
SAN JUAN, UT
1PDP



daily Gas	4/2011
Ref=	4/2011
Cum=	13033459
Casing	4/2011
Ref=	4/2011
Cum=	19569
Tubing	4/2011
Ref=	4/2011
Cum=	627838
Daily Water	4/2011
Ref=	4/2011
Cum=	2447
monthly gas	4/2011
Ref=	4/2011
Cum=	3041194
Oil-bbl/mo	4/2011
Ref=	4/2011
Cum=	2036
Water-bbl/mo	4/2011
Ref=	4/2011
Cum=	760
Daily Oil	4/2011
Ref=	4/2011
Cum=	12187

RECEIVED
JUN 16 2011
DIV. OF OIL, GAS & MINING

WELLBORE DIAGRAM

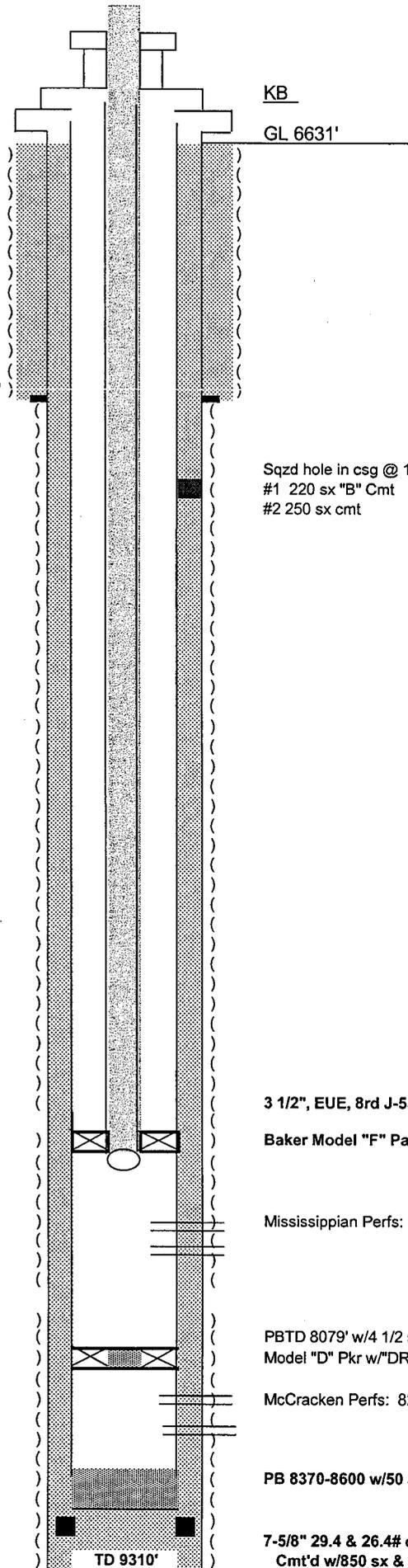
Surface Loc: 1895' FSL, 755' FEL

Operator:	Tom Brown, Inc.
Well Name:	Lisbon D-810
Lease Number:	
Location:	NESE Sec 10-T30S-R24E
Field:	Lisbon
County:	San Juan County, UT
API Number:	43-037-16471
Diagram Date:	04/16/2004

FORMATIONS

Mississippian
McCracken

7660'
8244'



KB

GL 6631'

13-3/8" csg set @ 1059'
Cmt'd w/800 sx

Sqzd hole in csg @ 1150' (4/89)
#1 220 sx "B" Cmt
#2 250 sx cmt

3 1/2", EUE, 8rd J-55 9.3# Tbg set @ 7587.25' (4/89)

Baker Model "F" Packer @ 7585'

Mississippian Perfs: 7686-7760; 7800-7846'; 7836-7970'; 7970-7980'

PBTD 8079' w/4 1/2 sx cmt on top of packer
Model "D" Pkr w/"DR" plug @ 8100'

McCracken Perfs: 8254-8264; 8278-8282'; 8320-8330'

PB 8370-8600 w/50 sx

7-5/8" 29.4 & 26.4# csg @ 8444'
Cmt'd w/850 sx & 90 gals Latex

TD 9310'

Well History

Spud Date	6/25/1960
TD Reached	
Rig Released	09/07/1960
Completion Date	

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**Lisbon D-810
NE SE Section 10-T30S-R24E
San Juan County, Utah**

Recommended Dual Recompletion for McCracken

April 20, 2011 John Warren AFE #1139

Proposal:

It is proposed to workover the Lisbon D-810 to repair a casing leak and re-establish production from the McCracken formation utilizing gas lift. The currently producing Mississippian intervals will be set up as a dual completion. The McCracken perforations will be re-perforated then fracture stimulated using a frac string.

Current Status:

The Mississippian formation is flowing a consistent 1,338 mcf/d. **The gas is high in H₂S and should be considered lethal.** The gas stream also contains approximately 47% CO₂ and N₂. Mississippian gas and fluids flow combined down to the Lisbon Plant for processing. The well is 47 years old. Recommend performing an MIT on the wellbore at 1000 psi before commencing work.

A mechanical integrity test was performed on the well and it is suspected that a casing leak exists and will need to be repaired.

No production facilities or tanks remains on site for the McCracken oil production. Facilities will have to be constructed to handle an estimated 200 bopd with high paraffin content. There is a Model D packer positioned above the McCracken and 4 ½ sacks of cement have been on top of the packer and inside the tailpipe. The amount of tailpipe is unknown but there is a DR plug in the base of the tailpipe preventing the cement on top of the pkr to have flowed down the wellbore.

Well Data:

KB: 6641' Spud Date: 6/25/1960
GL: 6631' Completion: 9/7/1960

Surface Casing: 13 3/8" csg set at 1059'
Cemented to surface w/ 800 sx

Production Casing: 7 5/8" 29.7 & 26.4# csg set at 8444'
Cemented to surface w/ 850 sx cement & 90 gals Latex additive.
No bond log available

Capacity: 0.0459 bbls / ft ID: 6.75"
Burst: Based on csg age, limit to 1000 psi whenever possible. Frac using a frac string.

Tubing: 3 ½" 9.3# J-55 8rd EUE set into a Baker Model F pkr at 7587 in 4/89.
Capacity: 0.00870 bbls/ft

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Original and proposed wellbore diagrams are attached.

Recommended Workover Procedure:

1. Trident Steel Corp (Dan Patterson @ 800-777-9687) has 270 jts of 2 3/8" 4.7#/ft J-55 8rd EUE tbg w/ double beveled / turned down couplings ready to be shipped to this location for use in the dual production strings. Also ready to ship 10 additional double beveled / turned down couplings to be used on the gas lift mandrels and spacer pups. Offload this tbg & couplings onto site when needed. This will be the long string for the McCracken.

Oilfield Tubulars (Jay Couch @ 714-328-5367) has 7,830' of 2 3/8" 4.7#/ft L80 smls TSHP R2 tubing ready for the Mississippian dual string. Also have 2 sets of 2', 4', 6', 8' and 10' pups with TSHP thread available for spacers and a double pin 8rd EUE x TSHP cross-over.

Weatherford (Michael Gray 303-482-7530) is to have 2 3/8" x 7 5/8" packer and 2 3/8" seal assy ready for the workover. Be sure they ship a 2 3/8" x 3 1/2" 8rd cross-over for the frac string.

Baker (Nathan Prach 303-595-3675) is to have the 47D4 AL-5 Dual Hydrostatic packer, seal assy, crossovers for both strings, to fit into the dual packer, ready in their Farmington shop. They need to supply a packer hand to run the dual packer and dual strings.

3 1/2" 8rd EUE frac string has been inspected at the Tuboscope Farmington facility and is ready to ship (yellow band only). Dee Foote has the contact info. Be sure to save the thread protectors to install back on the string when finished.

Superior Services has the gas lift valves and mandrels ready (James Staton 970-263-0400).

2. RU safety crew to monitor H2S levels during the workover. RU separator and flare stack for burning off H2S vapors if needed. All personnel on site are to be trained in H2S safety.
3. RU Monument rig. Set a frac tank and fill w/ 6% KCL water. Kill the Mississippian zone w/ 6% KCL water. ND tree and NU BOPs. Set a plug in the 3 1/2" tubing to prevent possible U-tubing of H2S gas to surface when the packer fluid is released in the annulus.
4. PU on 3 1/2" tubing and release out of the Baker Model F Packer at 7585'. Cut off tbg if necessary. POOH LD the 3 1/2" tbg. Be careful to keep the well dead and monitor for H2S. Perform visual inspection on the tubing. If it appears in good shape, ship it to TuboScope in Farmington for cleaning and inspection. If it is close to being junk, take it to the Lisbon yard.
5. MU pkr and plug. RIH to test for casing leak. If needed plan to run a casing inspection log from Baker F pkr to surface.

6. Set CIBP below csg leak and a retainer above the leak. RU BJ Services and squeeze the leak. Pressure squeeze to 1000 psi hydrostatic. Reverse out tbg. RD BJ. WO cement at least one day before drlg.
7. Drill out cement squeeze. Pressure test to 1000 psi. If squeeze does not hold, perform a second squeeze.
8. MU mill, washpipe, collars and tools to wash over Baker Model F pkr. TIH and wash over packer using fresh water. Fish out packer. BHP in Mississippi is very low. All further downhole work will have to be performed using N2.
9. MU washover tools. TIH to tag cement on top of Model D packer. Use N2 foam to circulate cuttings to surface if possible. Burn off H2S gas in flare. Mill cement and wash over packer. Kill well w/ 6% KCL water and TOOH. If the packer has a short tailpipe and can be pushed 35 ft below the McCracken intervals, it can be left there. If it has a long tailpipe then it will have to be retrieved.
10. MU grapple and TIH. Fish out model D packer.
11. RU Lone Wolf wireline. RIH w/ a Hollow Carrier gun and reperf the McCracken 2 spf at 120 degree phasing: 8254 – 8264', 8278 – 8282', 8320 – 8330'.
12. MU setting tool & Weatherford 2 3/8" x 7 5/8" packer. RIH on electric line and set packer at 8210'. RD Lone Wolf. (Set via wireline as depth is critical in spacing w/ dual pkr).
13. Set frac tanks and CO2 vessels and load per volumes shown in the BJ Services recommended frac procedure. All water used is to be 6% KCL.
14. Keep well dead w/ 6% KCL water. Unload 3 1/2" frac string, 2 3/8" seal assy, x-o and handling tools.
15. MU 2 3/8" seal assy, SN, x-o, 3 1/2" frac string. TIH. Land tbg and NU for frac.
16. RU BJ Services, CO2 services and ProTechniques. Frac McCracken formation per BJ Services recommendation. Trace w/ 3 isotopes placed in 1 ppg, 2 ppg and 3&4 ppg proppant. Flush w/ CO2. Keep annulus dead w/ 6% KCL water. Take ISIP, 5 min, 10 min and 15 min pressures. Open well to flowback tank. Clean up frac best possible.
17. Kill well w/ 6% KCL and POOH LD 3 1/2" frac string. Offload 2 3/8" tbg from Trident Steel.
18. Have Baker packer hand on location along w/ Superior Service (gas lift equipment). MU 2 3/8" seal assy, SN and 2 3/8" J-55 8rd tbg to space out 570 feet, MU Baker AL-5 Dual Hydrostatic Packer w/ SN & plug and minimum 4' tailpipe on Mississippian side, finish in hole with 2 3/8" tbg while spacing out the gas lift mandrels at 7640', 6850', 5950', 4875', and 3550' per the Superior Energy Services design. Land seal assy in btm packer and set the AL-5 packer. Hang off McCracken side in the dual hanger. Keep well dead and continue to monitor for H2S.
19. Offload 2 3/8" TSHP tubing from Oilfield Supply. MU 2 3/8" seal assy, SN and TIH w/ tbg. Tag dual packer and space out. Hang off in dual hanger.

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PROPOSED WELLBORE DIAGRAM

Company: Patara Oil & Gas LLC
 Lease Name: Lisbon D-810
 Lease Number: _____
 Location: NE SE Section 10-T30S-R24E
 County: San Juan County, Utah
 Date: 4/19/11 J. Warren

New Dual Tree Installed
 15-May-11
 Weatherford Tree & Hanger

KB 6641'

GL 6631'

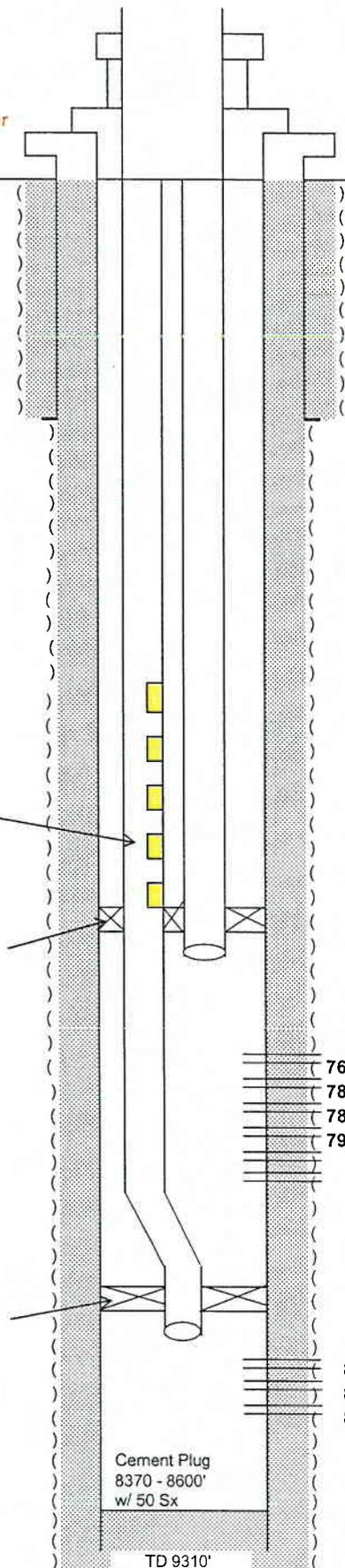
13 3/8" csg set @ 1059'
 Cemented w/ 800 Sx

Squeezed Hole in Casing
 at 1150' (4/89)
 #1 w/ 220 Sx B Cement
 #2 w/ 250 Sx Cement

Gas Lift Valves
 3559'
 4865'
 5954'
 6857'
 7636'

Baker AL5 Dual Packer
 Top of pkr @ 7638'

Weatherford seal bore
 packer set at 8200'



WELL HISTORY

Spud Date: 6/25/1960
 Completion: 9/7/1960

Tubing Detail

Mississippian Tubing String

Btm to top
 1.81" XN nipple 8rd thd
 6' 2 3/8" 8rd pup jt.
 Baker AL5 Dual pkr
 Baker 2 3/8" seal assy TSHP thd
 1.87" F nipple TSHP thd
 246 jts 2 3/8" L-80 TSHP tubing
 2 3/8" spacer pup jts
 2 3/8" TSHP x 2 3/8" 8rd double pin XO

McCracken Production string

2 3/8" J-55 4.7 #/ft 8rd EUE
 Turned down collars / double beveled
 Btm to top
 2 3/8" 1.81 XN nipple
 4' 2 3/8" J-55 8rd pup jt
 Weatherford seal bore pkr @ 8200'
 Weatherford seal assy
 2 3/8" 1.87" F nipple
 18 jts 2 3/8" J-55 4.7#/ft 8rd tbg
 Baker AL5 Dual Packer, top @ 7638'
 6' 2 3/8" J-55 8rd pup jt
 Gas lift mandrel @ 7636'
 25 jts 2 3/8" J-55 8rd tbg
 Gas lift mandrel @ 6857'
 29 jts 2 3/8" J-55 8rd tbg
 Gas lift mandrel @ 5954'
 35 jts 2 3/8" J-55 8rd tbg
 Gas lift mandrel @ 4865'
 42 jts 2 3/8" J-55 8rd tbg
 Gas lift mandrel @ 3559'
 114 jts 2 3/8" J-55 8rd tbg
 2 3/8" J-55 8rd spacer pup jts

7688 - 7760'
 7800 - 7846'
 7836 - 7970'
 7970 - 7980'

Mississippian Perfs

8254 - 8264'
 8278 - 8282'
 8320 - 8330'

McCracken Perfs

Cement Plug
 8370 - 8600'
 w/ 50 Sx

TD 9310'

7 5/8" 29 & 26# Csg @ 8444'
 Cmt'd w/ 850 sx & 90 gals Latex

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Proposal No: 703750424A

**Patara Oil & Gas LLC
LISBON UNIT #D 810**

API # 43-037-16471-0000
LISBON Field
10-30S-24E
San Juan County, Utah
April 21, 2011

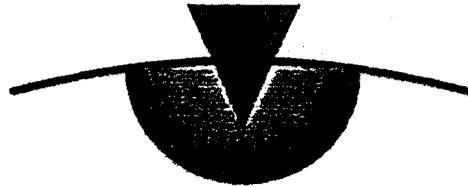
Fracturing Proposal

Prepared for:

John Warren
Patera Oil & Gas
Bus Phone: 303 349-8560
Email: jwarren@pataraog.com

Prepared by:

Frank Culler
District Technical Supervisor
Farmington, New Mexico



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Operator Name: Patara Oil & Gas LLC
Well Name: LISBON UNIT #D 810
Job Description: 70Q CO2 foam frac
Date: April 21, 2011



Proposal No: 703750424A

JOB AT A GLANCE

Surface Treating Pressure (max)		5,884 psi
Total HHP (max)		4,198 hhp
Fluid HHP (avg)		1,387 hhp
CO2 HHP (avg)		1,960 hhp
Total Rate (max)		27.67 bpm
Fluid Rate (max)		13.67 bpm
CO2 Rate (max)		16.85 bpm
Estimated Pump Time (HH:MM)		00:49
Nitrogen Cooldown Volume		10,000 scf
CO2 Volume		138.40 tons
CO2 Cooldown		15.00 tons
Foamed Fluid	51,251 gals	70Q CO2 Medallion
Foamed Flush	3,080 gals	70q LINEAR
Proppants	100,000 lb	Super LC, 20/40

CO2, vessels, boost pump etc. is to be furnished by Praxair and billed directly to Patara Oil & Gas LLC.

Pro-Technics will be contacted to furnish tracing of fluids.

Baker Hughes StimPlus will furnish 500# of parasorb 5005 to be pumped with the sand stages @ 45 ppt of fluid.

500 LBS total expected cost to be ~ \$ 5,000 to Patara Oil & Gas LLC.

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DIV. OF OIL, GAS & MINING

Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

WELL DATA

RESERVOIR DATA

Formation McCracken
 Formation Type Sandstone
 Depth to Middle Perforation 8,292 ft
 Reservoir Pressure 1,122 psi
 Fracture Gradient 0.60 psi/ft
 Bottom Hole Fracture Pressure 4,975 psi
 Bottom Hole Static Temperature 140 ° F

PERFORATED INTERVAL

DEPTH(ft)		Shots per Foot	Perf Diameter (in)	Total Perfs
MEASURED	TRUE VERTICAL			
8,254 - 8,264	8,254 - 8,264	2	0.34	20
8,278 - 8,282	8,278 - 8,282	2	0.34	8
8,320 - 8,330	8,320 - 8,330	2	0.34	20

Total Number of Perforations 48
 Total Feet Perforated 24 ft

TUBULAR GEOMETRY

				Top	Bottom
Casing	7 5/8" O.D.	(6.969" I.D.)	26.4 # N-80	0	8,444
Tubing	3 1/2" O.D.	(2.750" I.D.)	12.95 # P-110	0	8,210

Packer Depth 8,210 ft
 End of Tubing 8,210 ft
 Pump Via Casing

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Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

FLUID SPECIFICATIONS

Foamed Fluid: 70Q CO2 Medallion

Foam Volume: 51,251 Gallons
 Pumped Liquid 16,758 Gallons
 Pumped Gas Volume: 127.50 tons CO2

Components:

7 gpt	Superset-W, 55 gal drum (Pump with all proppant)	Resin Activator
6.25 gpt	GW-38LBF	Gelling Agent
5 gpt	FAW-4	Foaming Agent
2 gpt	NE-900, drum	Non-Emulsifier
2 ppt	GBW-5 (LAST 2000 GAL FLUID)	Gel Breaker
2 ppt	High Perm CRB	Gel Breaker
1 gpt	InFlo 250W	Surfactant
0.8 gpt	XLW-60	Crosslinker
0.05 gpt	Magnacide 575	Bacteria Control Product

Foamed Flush: 70q LINEAR

Foam Volume: 3,080 Gallons
 Pumped Liquid 31 Gallons
 Pumped Gas Volume: 10.90 tons CO2

Components:

6.25 gpt	GW-38LBF	Gelling Agent
5 gpt	FAW-4	Foaming Agent
2 ppt	GBW-5	Gel Breaker
1 gpt	InFlo 250W	Surfactant
0.5 gpt	Enzyme G-I	Gel Breaker
0.05 gpt	Magnacide 575	Bacteria Control Product

Proppants 100,000 lb 100% Super LC, 20/40

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Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

**FRACTURE TREATMENT SCHEDULE
 CARBON DIOXIDE GAS SYSTEM**

INPUT PARAMETERS

TVD Depth (Mid Perforation)	8,292 ft
MD Depth (Mid Perforation)	8,292 ft
Perforations Number	48
Perforation Diameter	0.340 in
Bottom Hole Frac Pressure	4,975 psi
Bottom Hole Static Temperature	140 ° F
CO2 Transport Pressure	250 psi
Fluid Specific Gravity	1.010
Fluid Temperature in Tanks	70 ° F

				<u>Top</u>	<u>Bottom</u>
Casing	7 5/8" O.D.	(6.969" I.D.)	26.4 # N-80	0	8,444
Tubing	3 1/2" O.D.	(2.750" I.D.)	12.95 # P-110	0	8,210

CALCULATED TEMPERATURES

	<u>Maximum</u>	<u>Minimum</u>
CO2 Discharge	20 ° F	14 ° F
System at Wellhead	48 ° F	15 ° F
System at Perforation	72 ° F	72 ° F

CALCULATED RATES, PRESSURES & HHP REQUIREMENTS

	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
Surface Treating Pressure (psi)	5,884	1,455	5,458
Surface CO2 Rate (high pressure bpm)	16.8	0.1	14.6
Slurry Rate (bpm)	13.7	0.0	10.4
Proppant Rate (lbs/min)	4,256	1,768	3,084
Slurry Hydraulic Horsepower	1,768	2	1,387
CO2 Hydraulic Horsepower	2,430	3	1,960

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Volumes, Rates and Qualities are based on Downhole Temperature and Pressures.

Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

**FRACTURE TREATMENT SCHEDULE
 CARBON DIOXIDE GAS SYSTEM**

RATE SCHEDULE

Stage	Downhole System			Wellhead Rates					
	Clean Volume (gal)	Prop. Conc. (ppa)	Total Rate (bpm)	Total System (bpm)	Clean System (bpm)	Blender Slurry (bpm)	Clean Fluid (bpm)	Prop (lb/min)	Carbon Dioxide (bpm)
1	9000	0.000	30.0	25.9	25.8	9.0	9.0	0.0	16.8
2	1	0.000	0.1	0.1	0.1	0.0	0.0	0.0	0.1
3	6000	0.000	30.0	25.9	25.8	9.0	9.0	0.0	16.8
4	10000	1.500	30.0	26.3	24.4	10.9	9.0	1767.8	15.4
5	10000	2.500	30.0	26.6	23.5	12.1	9.0	2824.5	14.5
6	10000	3.500	30.0	26.8	22.7	13.2	9.0	3797.4	13.7
7	6250	4.000	30.0	26.9	22.3	13.7	9.0	4255.5	13.3
8	3080	0.000	16.0	12.6	12.6	0.2	0.2	0.0	12.5

FLUID & PROPPANT QUANTITIES

Stage	Surface Stage Totals				Surface Cumulative Totals			
	Slurry (bbls)	Prop. (lbs)	CO2		Slurry (bbls)	Prop. (lbs)	CO2	
			(bbls)	(tons)			(bbls)	(tons)
1	64.3	0	120.3	23.2	64.3	0	120.3	23.2
2	0.0	0	0.0	0.0	64.3	0	120.3	23.2
3	42.9	0	80.2	15.5	107.2	0	200.5	38.7
4	92.8	15000	130.3	25.1	200.0	15000	330.9	63.7
5	107.1	25000	128.1	24.6	307.1	40000	459.0	88.4
6	121.4	35000	125.9	24.2	428.4	75000	584.9	112.5
7	80.3	25000	78.0	15.0	508.7	100000	662.8	127.5
8	0.7	0	57.1	10.9	509.5	100000	720.0	138.4

NOTE: CO2 Barrel Volumes calculated for high pressure barrels.

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Volumes, Rates and Qualities are based on Downhole Temperature and Pressures.

Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

**FRACTURE TREATMENT SCHEDULE
 CARBON DIOXIDE GAS SYSTEM**

PROCEDURE

Stage	Downhole Volumes					Proppant			
	Clean			Slurry		Type	Stage (lbs)	Cum (lbs)	Prop. (lb/min)
	System (gals)	Fluid (gals) (bbls)		System (gals)	(bbls)				
1	9000	2700	64.3	9000	214.3	Pump In			
2	1	0	0.0	1	0.0	Shut Down 5 M			
3	6000	1800	42.9	6000	142.9	Pad			
4	10000	3207	76.4	10691	254.6	100%Super LC, 20/40	15000	15000	1767.8
5	10000	3346	79.7	11152	265.5	100%Super LC, 20/40	25000	40000	2824.5
6	10000	3484	83.0	11613	276.5	100%Super LC, 20/40	35000	75000	3797.4
7	6250	2221	52.9	7402	176.2	100%Super LC, 20/40	25000	100000	4255.5
8	3080	31	0.7	3080	73.3	Flush		100000	
Totals	54331	16789	399.7	58940	1403.3		100000	100000	

TREATMENT SCHEDULE

Stg	Proppant Concentration (ppa)		Wellhead Rates			Slurry Volume Without CO2		CO2 (tons)		Stage Pump Time hh:mm:ss
	Form.	Blender	Blndr Slurry (bpm)	Clean Fluid (bpm)	CO2 (bpm)	(bbls)	(cum)	(stg)	(cum)	
1	0.000	0.000	9.00	9.0	16.8	64.3	64.3	23.2	23.2	00:07:08
2	0.000	0.000	0.03	0.0	0.1	0.0	64.3	0.0	23.2	00:00:14
3	0.000	0.000	9.00	9.0	16.8	42.9	107.2	15.5	38.7	00:04:45
4	1.500	4.677	10.94	9.0	15.4	92.8	200.0	25.1	63.7	00:08:29
5	2.500	7.472	12.10	9.0	14.5	107.1	307.1	24.6	88.4	00:08:51
6	3.500	10.046	13.17	9.0	13.7	121.4	428.4	24.2	112.5	00:09:13
7	4.000	11.258	13.67	9.0	13.3	80.3	508.7	15.0	127.5	00:05:52
8	0.000	0.000	0.16	0.2	12.5	0.7	509.5	10.9	138.4	00:04:34

Total Pump Time: 00:49:09

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Volumes, Rates and Qualities are based on Downhole Temperature and Pressures.

Operator Name: Patara Oil & Gas LLC
 Well Name: LISBON UNIT #D 810
 Job Description: 70Q CO2 foam frac
 Date: April 21, 2011



Proposal No: 703750424A

**FRACTURE TREATMENT SCHEDULE
 CARBON DIOXIDE GAS SYSTEM**

SYSTEM QUALITIES

Stage	Mitchell Quality						Slurry Quality					
	Wellhead		Perforations		Formation		Wellhead		Perforations		Formation	
	C	T	C	T	C	T	C	T	C	T	C	T
1	65	65	67	67	70	70	65	65	67	67	70	70
2	67	67	67	67	70	70	67	67	67	67	70	70
3	65	65	67	67	70	70	65	65	67	67	70	70
4	63	63	65	65	68	68	66	66	67	67	70	70
5	62	62	63	63	67	67	66	66	67	67	70	70
6	60	60	62	62	65	65	66	66	67	67	70	70
7	60	60	61	61	64	64	67	67	67	67	70	70
8	99	99	99	99	99	99	99	99	99	99	99	99

C = Carbon Dioxide and T = Total

NOTE: The Mitchell Quality is the Gas Rate divided by the Gas + Gel Rate. It is the Quality ignoring Proppant. The Slurry Quality includes proppant as a portion of the Internal Gas Phase. The Total Slurry Quality is commonly designed at a constant quality or 'Constant Internal Phase'.

MISCELLANEOUS DATA

Stage	Surface Treating Pressure (psi)	Average System Specific Gravity	Carbon Dioxide		Stage Pump Time hh:mm:ss	Total Pump Time hh:mm:ss
			Conc. scf/bbl	Solubility scf/bbl		
1	5884	0.923	6206	240	00:07:08	00:07:08
2	1455	0.923	6206	228	00:00:14	00:07:22
3	5881	0.923	6206	240	00:04:45	00:12:08
4	5662	1.036	5650	240	00:08:29	00:20:37
5	5503	1.103	5317	240	00:08:51	00:29:28
6	5348	1.165	5011	240	00:09:13	00:38:41
7	5275	1.195	4867	240	00:05:52	00:44:34
8	4545	0.862	255714	240	00:04:34	00:49:09
Total Pump Time:						00:49:09

15000 gallons 70Q foam as pad.
 10000 gallons 70Q foam ramp proppant 1 ppg -2 ppg (3.17-6.35 @ blender)
 10000 gallons 70Q foam ramp proppant 2 ppg -3 ppg (6.35-9.2 @ blender)
 10000 gallons 70Q foam ramp proppant 3 ppg -4 ppg (9.2-11.63 @ blender)
 6250 gallons 70Q foam held @ 4 ppg (11.63 @ blender)
 3080 gallons of CO2 flush.

**RECEIVED
 JUN 16 2011**

DIV. OF OIL, GAS & MINING

Volumes, Rates and Qualities are based on Downhole Temperature and Pressures.

20. Keep well dead. ND BOPs and handling tools. NU new dual tree from Weatherford.
21. Remove plug in SN in both strings. Swab in the Mississippian side if necessary to return it to sales. RD rig.
22. Build battery for the McCracken production. Hook up gas lift line w/ line heater. Commence gas lifting the McCracken oil formation. Be sure to cut for paraffin buildup.

RECEIVED

JUN 16 2011

DIV. OF OIL, GAS & MINING

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: U-014903
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Lisbon Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Lisbon D-810
2. NAME OF OPERATOR: Patara Oil and Gas, LLC		9. API NUMBER: 4303716471
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1900S CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Lisbon
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1895' FSL & 755' FEL		COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 30S 24E S		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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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.

Patara Oil & Gas, LLC has completed workover operations on the Lisbon D-810 well to repair a casing leak and recomplete complete the well in the Mississippian formations. The well is currently producing Mississippian gas through a newly installed tubing string. The Notice of Intent filed for this well on May 20, 2011 outlined intentions to dually complete the Mississippian and McCracken formations, however due to a collapse in the casing between 7855-7801', only the Mississippian is producing.

A current wellbore schematic is attached.

Patara repaired the casing leak, with a squeeze job from 2198-2232' with 300sks cement, removed the packers over the Mississippian formation, recognized a casing collapse, installed a new packer over the Mississippian, installed new tubing and the well is currently producing from the Mississippian perf at 7688-7760' & 7800-7846'. All lower perforations were rendered unusable during the collapse.

Please contact Patara Production Manager John Warren at (303) 563-5369, or jwarren@pataraog.com with any questions or concerns. Thank you.

NAME (PLEASE PRINT) <u>Christopher Noonan</u>	TITLE <u>Production Technician</u>
SIGNATURE	DATE <u>8/4/2011</u>

(This space for State use only)

RECEIVED
AUG 17 2011

DIV. OF OIL, GAS & MINING

CURRENT WELLBORE DIAGRAM

Company: Patara Oil & Gas LLC
 Lease Name: Lisbon D-810
 Lease Number: U-014903
 Location: NE SE Section 10-T30S-R24E
 County: San Juan County, Utah
 Date: 8/2/11 B. Noonan

New Dual Tree Installed
 15-May-11
 Weatherford Tree & Hanger

KB 6641'

GL 6631'

WELL HISTORY

Spud Date: 6/25/1960
 Completion 9/7/1960
 Recompletion 5/24/2011

TUBING DETAIL

Mississippian Tubing String

Btm to top
 1181 R nipple
 1 jnt 2-3/8" tbg
 1.87 F nipple
 5 jts tbg
 Packer
 On-off tool
 248 jts 2-3/8" J-55 tbg

13 3/8" csg set @ 1059'
 Cemented w/ 800 Sx

Squeezed Hole in Casing
 at 1150' (4/89)
 #1 w/ 220 Sx B Cement
 #2 w/ 250 Sx Cement

Squeezed Hole in Casing
 from 2198 - 2232' (5/11)
 #1 w/ 150sks neat w/ fluid loss
 #2 w/ 150sks neat cmt

Top of packer at 7622'

EOT at 7801'

Collapse in casing
 encountered at
 7855 - 7871'

7688 - 7760'
 7800 - 7846'
 7836 - 7970'
 7970 - 7980'

Mississippian Perfs

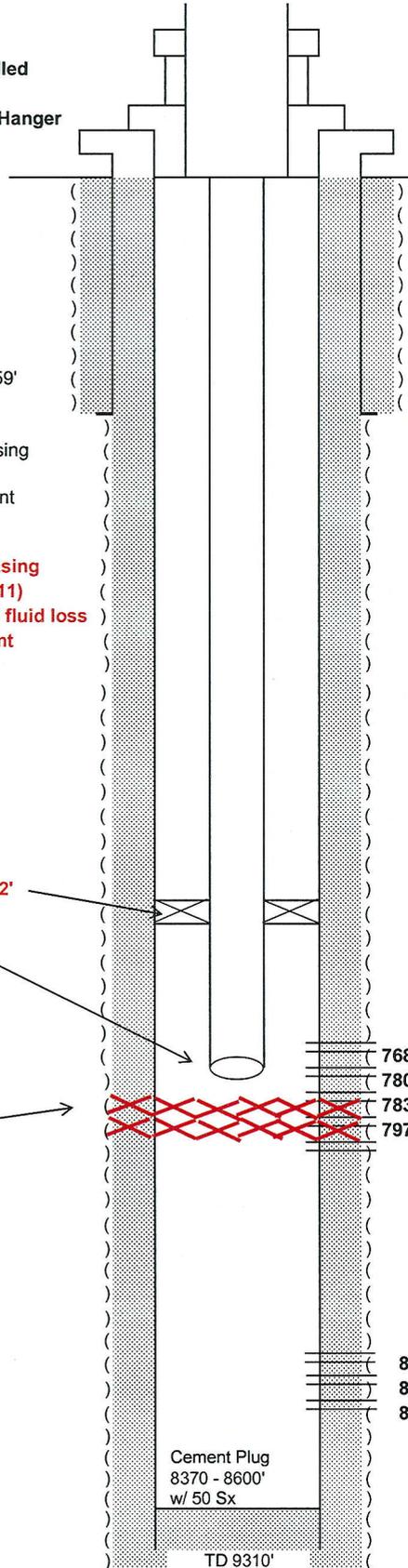
8254 - 8264'
 8278 - 8282'
 8320 - 8330'

McCracken Perfs

Cement Plug
 8370 - 8600'
 w/ 50 Sx

TD 9310'

7 5/8" 29 & 26# Csg @ 8444'
 Cmt'd w/ 850 sx & 90 gals Latex



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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-14903

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:
LISBON

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
NW LISBON USA A-2 (D-810)

2. NAME OF OPERATOR:
PATARA OIL & GAS, LLC

9. API NUMBER:
43037164710000

3. ADDRESS OF OPERATOR:
600 17th Street Ste 1900S , Denver, CO, 80202

PHONE NUMBER:
303 825-0685 Ext

9. FIELD and POOL or WILDCAT:
LISBON

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1895 FSL 0755 FEL 1807 FSL 738 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 10 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/1/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input checked="" type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Please see attached documentation including copy of a letter to the BLM outlining Patara's proposed sidetrack of the referenced well. Please send copies of all correspondence to Danielle Gavito at dgavito@pataraog.com.

Surf

BHL

651 618 X

651 634 X

42283284

42284534

38.190136

38.191262

-109.268675

-109.268465

NAME (PLEASE PRINT)
Danielle Gavito

PHONE NUMBER
303 563-5378

TITLE
Regulatory Technician

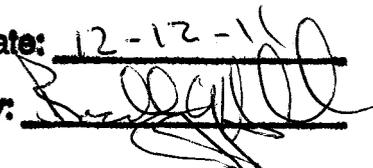
**Approved by the
Utah Division of
Oil, Gas and Mining**

SIGNATURE
N/A

DATE
11/7/2011

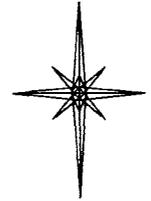
**Federal Approval of this
Action is Necessary**

Date: 12-12-11

By: 

R. 24 E.

N



SCALE 1" = 1000'

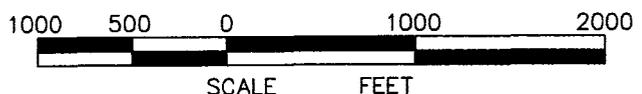
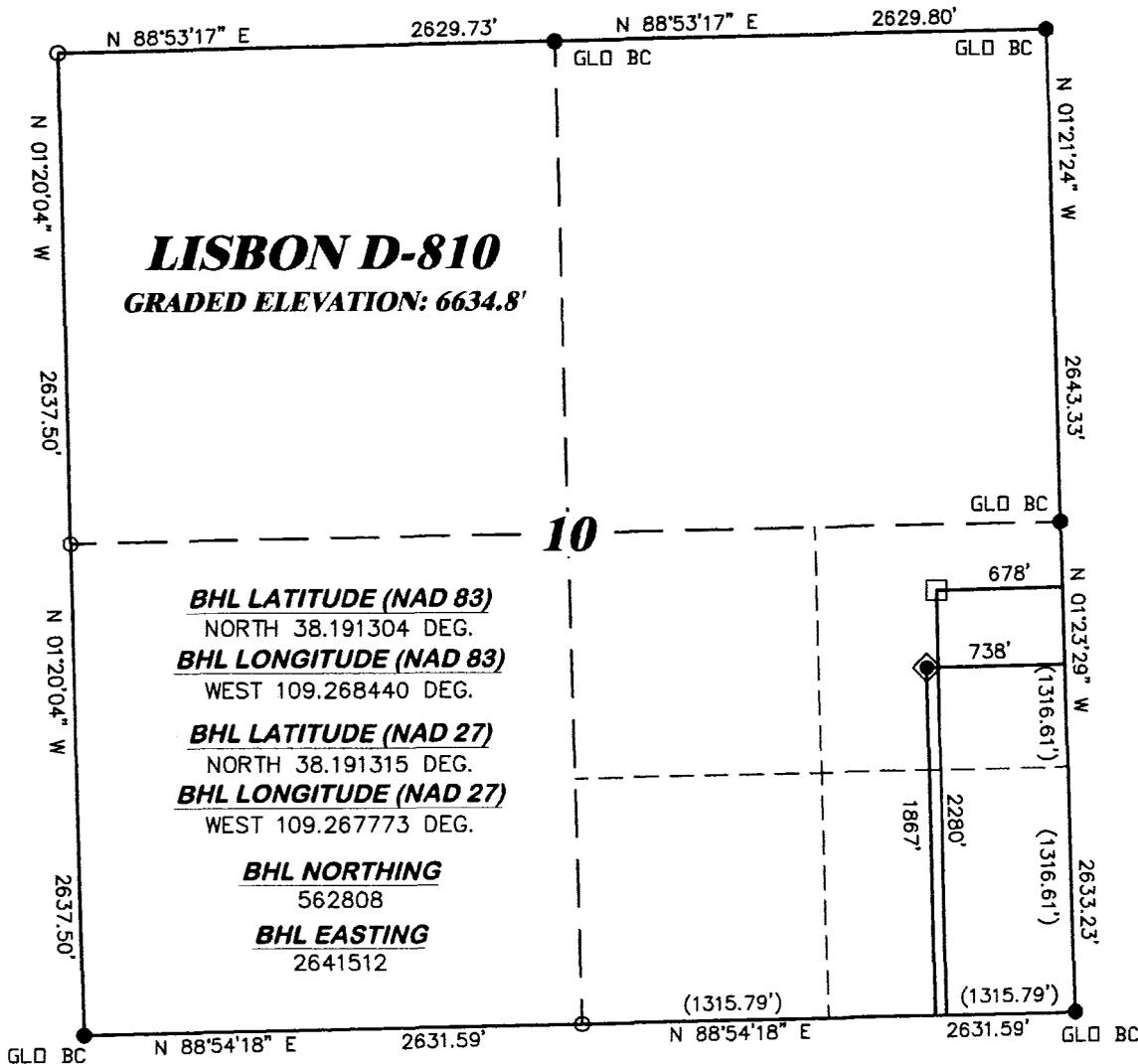
T. 30 S.

LATITUDE (NAD 83)
NORTH 38.190169 DEG.
LONGITUDE (NAD 83)
WEST 109.268650 DEG.

LATITUDE (NAD 27)
NORTH 38.190180 DEG.
LONGITUDE (NAD 27)
WEST 109.267983 DEG.

NORTHING
562392.83
EASTING
2641461.74

DATUM
SPCS UTS (NAD 27)

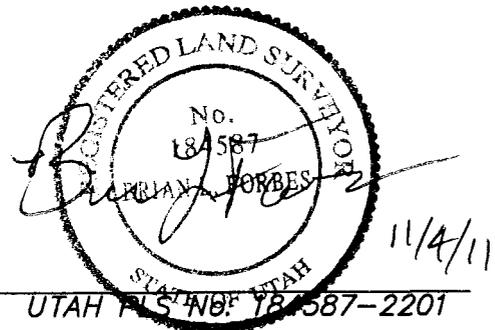


SURVEYOR'S STATEMENT

I, BRIAN L. FORBES, OF ROCK SPRINGS, WYOMING, HEREBY STATE: THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL FIELD SURVEY DONE UNDER MY DIRECT SUPERVISION ON OCTOBER 21, 2011 AND THAT THIS PLAT CORRECTLY SHOWS THE LOCATION OF THE EXISTING LISBON D-810 AS LOCATED ON THE GROUND.

LEGEND

- ◆ WELL LOCATION
- BOTTOM HOLE LOC. (APPROX)
- FOUND MONUMENT
- CALCULATED CORNER



DRG RIFFIN & ASSOCIATES, INC.
(307) 362-5028 1414 ELK ST., ROCK SPRINGS, WY 82901

DRAWN: 11/2/2011 - DEH	SCALE: 1" = 1000'
REVISED: N/A	DRG JOB No. 18885
	EXHIBIT 1

PLAT OF DRILLING LOCATION
NESE SECTION 10, FOR
PATARA OIL & GAS, LLC.

1867' F/SL & 738' F/EL, SECTION 10,
T. 30 S., R. 24 E., SLBM
SAN JUAN COUNTY, UTAH

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)

December 9, 2011

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Lisbon McCracken
Unit, San Juan County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2011 within the Lisbon McCracken Unit, San Juan County, Utah. The well will be re-entered and sidetracked because of collapsed casing.

API#	WELL NAME	LOCATION
(Proposed PZ McCracken)		
43-037-16471	Lisbon D-810 Sec 10 T30S R24E 1867 FSL 0738 FEL	
	BHL Sec 10 T30S R24E 2280 FSL 0678 FEL	

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.12.09 13:09:26 -07'00'

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

MCoulthard:mc:12-9-11

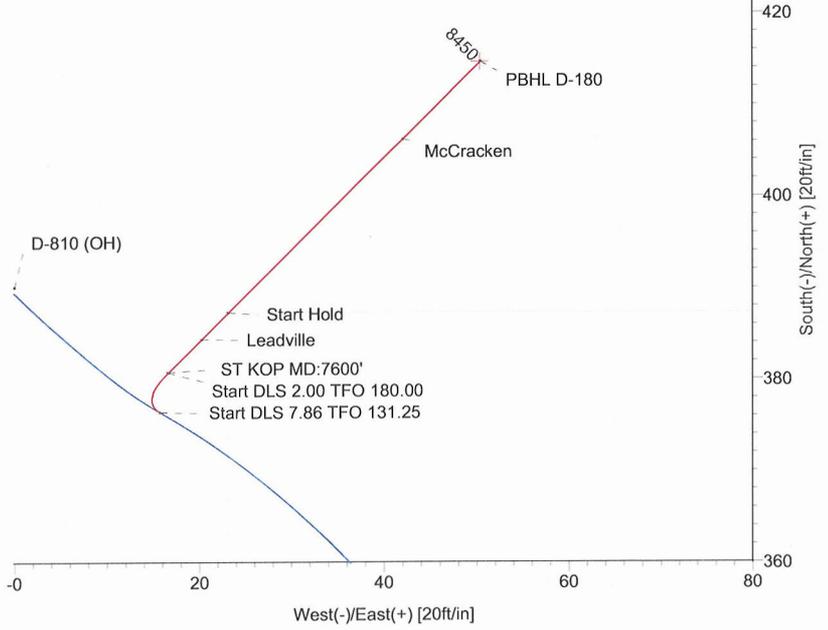
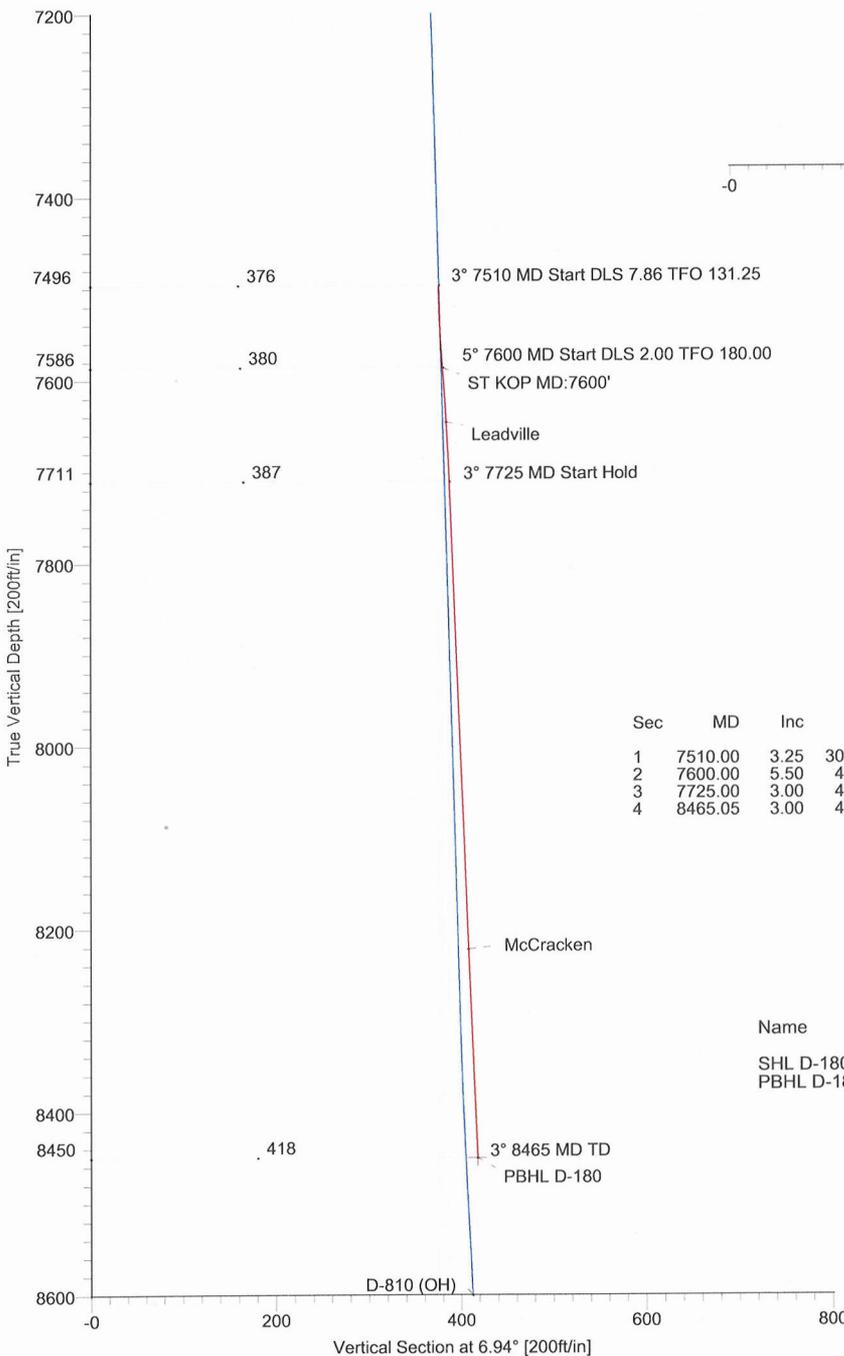
PATARA OIL & GAS, LLC

Field: San Juan County, UT
 Site: Lisbon
 Well: D-810
 Wellpath: ST
 Plan: Plan #2



Azimuths to Grid North
 True North: -1.37°
 Magnetic North: 9.32°

Magnetic Field
 Strength: 51371nT
 Dip Angle: 64.40°
 Date: 9/28/2011
 Model: IGRF2010



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	7646.00	7659.90	Leadville
2	8222.00	8236.74	McCracken

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7510.00	3.25	300.00	7496.48	376.40	15.73	0.00	0.00	375.54	
2	7600.00	5.50	45.00	7586.32	380.73	16.57	7.86	131.25	379.94	
3	7725.00	3.00	45.00	7710.96	387.28	23.12	2.00	180.00	387.24	
4	8465.05	3.00	45.00	8450.00	414.67	50.51	0.00	0.00	417.73	

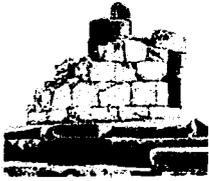
TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
SHL D-180	0.00	0.00	0.00	562392.83	2641461.74	Point
PBHL D-180	8450.00	414.67	50.41	562807.50	2641512.15	Point



LEAM DRILLING SYSTEMS, INC.
 2010 East Davis Conroe, Texas 77301
 Phone: 936-756-7577 Fax: 936-756-7595

Plan: Plan #2 (D-810/ST)
 Created By: Tyler Carlson Date: 11/4/2011
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____



Patara Oil & Gas LLC

600 17th Street, Suite 1900 S, Denver, CO 80202

Phone (303) 825-0685 Fax (720) 235-4560

Mr. Jeffrey Smith
Bureau of Land Management
Moab Field Office
82 East Dogwood Avenue
Moab, UT 84532

November 7, 2011

RE: Sundry Notice for Sidetracking of Original Wellbore
Patara Oil & Gas LLC
Lisbon D-810
SHL: 1,867' FSL 738' FEL (NE/4 SE/4)
BHL: ±2,280' FSL ±678' FEL (NE/4 SE/4)
Sec. 10 T30S R24E
Federal Mineral Lease: UTU14903
Surface: Federal
San Juan County, Utah

Dear Mr. Smith:

Patara Oil & Gas LLC wishes to sidetrack the above referenced well which is drilled in the NE/4 SE/4 Sec. 10, T30S, R24E, 1867' FSL & 738' FEL due to collapsed casing at 7855 ft. Currently the well is producing from the Mississippian formation above the casing collapse at a rate of 834 mcf/d. Patara wishes to not only restore the entire Mississippian section to productivity but also intends to reopen the underlying McCracken oil bearing sandstone that was plugged off in the original wellbore prior to the loss of casing integrity.

The existing wellbore contains 7 5/8" casing which has been tested to be intact above the collapse in the lower Mississippian section. It is proposed to pump a 355 ft cement plug using 90 sacks of 15.8ppg Class G cement will be pumped to squeeze off the lower portion of the original wellbore below the collapse and squeeze off the current producing perforations from 7688 – 7855'. The cement plug will be set from 7855' to 7500'. The rig will utilize the upper portion of the plug above the Mississippian to kick off the well by drilling to a kickoff point at 7600' and sidetracking out with a 6 1/2" hole to a depth of 100' below the top of the McCracken formation (8450' TVD). Pay sections will be cased off with 5" flush-joint liner. Cement will be circulated from TD to the top of the liner hanger which will be set at 7400'. It is proposed to cement the production liner using 55 sacks of 12.5ppg 35:65 Poz Type III cement with a yield of 2.16 cu ft/sk with a 15% excess cement volume.

Once the production liner is complete, the intent is to dually complete the McCracken and Mississippian formations. Both zones will be fracture stimulated and produced through separate surface facilities. The McCracken oil production will be gas lifted using the annulus area above the dual packer.

The sidetracking and completion operation are expected to last approximately 21 days.

Sincerely,

Danielle Gavito

Regulatory & Operations Technician

H2S Contingency Plan

(Emergency Response and Public Protection Plan)

Lisbon D-810MC

Patara Oil & Gas

H2S Contingency Plan

Company Name: Patara Oil & Gas
Address: 600 17th St, Suite 1900S
Denver, CO 80202

Phone: 303-623-2300

Well Name: Lisbon D-810
TD: 8,450'
Location: NESE Sec 10 T30S R24E
Field Name: Lisbon
County : San Juan County, Utah
Surface Casing: 1,059'
H2S Formation and Depth: Leadville formation at 7,660'

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APPENDICES

APPENDIX A	PROPOSED ROAD MAP
APPENDIX B	H₂S EMERGENCY RESPONSE LAYOUT
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1.00 PURPOSE

This Emergency Response Plan and Public Protection Plan (Plan) is specific to the Lisbon D-810 well location operated by Patara Oil & Gas, LLC. This document is designed to provide for the safety and welfare of Patara Oil & Gas, LLC personnel and contract personnel, the community, the environment, and property.

This Plan establishes evacuation procedures, assigns response duties to specific individuals, provides for notification of outside agencies, and provides details of actions to alert and protect the public. This Plan will be activated immediately upon the release of a potentially hazardous volume of hydrogen sulfide (H₂S).

2.00 GENERAL INFORMATION ON AND PHYSIOLOGICAL RESPONSES TO HYDROGEN SULFIDE (H₂S) AND SULFUR DIOXIDE (SO₂)

2.10 HYDROGEN SULFIDE (H₂S)

Hydrogen sulfide is a flammable, highly toxic, colorless gas that is heavier than air, with the odor of rotten eggs. It can be detected by smell at a concentration in air of only 0.002 parts per million (ppm). Above concentrations of 100 ppm, it will deaden the sense of smell in a few minutes, and at a concentration of 700 ppm, a single breath can be fatal. If ignited, it burns with a blue flame. In still air it tends to accumulate in low places in dangerous concentrations. However, if it is warmer than the surrounding air, it may tend to rise. The upper flammability limit of H₂S in air is 44% and the lower flammability in air is 4%.

Breathing low concentrations of H₂S can cause headaches. Higher concentrations (0.01 percent by volume) cause irritation of the eyes, nose, throat, and lungs. Eyes become red and swollen, accompanied by sharp pain in more severe cases. Still higher concentrations (0.05 percent by volume) cause dizziness, unconsciousness, and failure of respiration.

The Threshold Limit Value (TLV) is 10 ppm (0.001%) in air. This is the limit for eight hours of continuous exposure as recommended by the American Conference of Governmental Industrial Hygienists. The health and safety reference values of various concentrations of H₂S are listed in the toxicity chart below. A Manufacturers Safety Data Sheet (MSDS) for hydrogen sulfide is included in Appendix D.

2.20 SULFUR DIOXIDE (SO₂)

Sulfur dioxide is formed with the burning of hydrogen sulfide gas. Sulfur dioxide is a pungent, irritating, suffocating, colorless gas. This gas is normally heavier than air and concentrations above 400 ppm are considered dangerous for even brief exposures.

Under special circumstances hydrogen sulfide gas may be ignited in order to dissipate a gas cloud and reduce the impact on a local area. Often these burning temperatures are enough to raise and mix the SO₂ with air in a ratio well below toxic levels. However, great care and proper monitoring should be used when this is attempted.

Due to the irritating effect of SO₂ at low concentrations of less than 5 ppm, there is usually no doubt as to its presence in an area, which provides better warning characteristics than H₂S.

2.30 TOXICITY CHART

NAME	SPECIFIC GRAVITY ¹	TLV ² (ppm)	HAZARDOUS LIMIT ³	LETHAL CONCENTRATION ⁴
Hydrogen Sulfide	1.18	10	100 ppm/1 hr.	700 ppm
Sulfur Dioxide	2.21	2	50 ppm/1 hr.	400 ppm

Notes:

- (1) Specific gravity of air = 1.00.
- (2) TLV - Threshold Limit Value.
- (3) Hazardous Limit - concentration that may cause death with short term exposure.
- (4) Lethal concentration - Concentration that may cause death with only a few breaths.

3.00 TREATMENT PROCEDURES FOR H₂S AND SO₂ EXPOSURE

- A. Remove the patient to fresh air. Personnel should **always** use fresh air breathing equipment when entering an area to retrieve a person who has been overcome with H₂S.
- B. Call a physician and get patient under his care as soon as possible.
- C. If breathing has ceased, begin artificial respiration immediately. Give cardiopulmonary resuscitation (CPR) only if there is no pulse and no breathing. Continue revival efforts until physician arrives or, if patient is mobile and it is determined that he should go to the hospital, continue oxygen inhalation under the physician's direction.
- D. Administer oxygen to help eliminate toxic substances from blood stream.
- E. Keep the patient at rest and protect from chilling.

4.00 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 their assigned safety equipment.
 2. Responsible for familiarizing themselves 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. Operations Supervisor
 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 well site operations and communications in the event that an emergency condition develops.
5. Responsible for ensuring that all visitors are in approved respiratory protection programs. A visitors log will be maintained by the air monitoring service provider, as well as a list of all personnel on location after work over operations have started.

4.10 LOCATION LAYOUT

The location will consist of at least two pre-determined safe muster areas to assemble at in the event of an emergency. These locations should be located 180 degrees to one another, and located up wind and or up hill from well bore if possible..

- A. H2S monitor system with at least four heads. One located at or near the well head, one located at or near the reserve pit or blow down tank, a third one at or near the rig floor (if applicable) and lastly one located at on near the rig operators control platform (Head level).

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 location(s):

Type: 1-30 min rescue unit	Location: Rigsite Supervisor's Trailer
Type: 2-30 min rescue unit	Location: Briefing Area #1
Type: 2-30 min rescue unit	Location: Briefing Area #2
Type: 5-Hoseline work unit	Location: Safety Trailer
Type: 5-5 min escape unit	Location: Rig Floor (if applicable)
Type: 1-5 min escape unit	Location: Tubing board (derrick if applicable)

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

Type: 12 cylinder cascade	Location: Safety Trailer with 12 cylinder cascade is to be located at or near the rig sub structure.
---------------------------	--

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

Type: Windsock	Location: Briefing Area #1
Type: Windsock	Location: Briefing Area #2
Type: Streamers	Location: On floor & pits or tanks

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

Type: Flare gun	Location: Safety Trailer
Bug Blowers:	On location for use if needed

The location of all telephones and/or means of communications are as follows:

Type: Cell-Sat phone

Location: Rigsite Supervisor's Trailer

Warning Signs:

"No Smoking" signs should be strategically located around the location. The following locations are appropriate:

Entrance to location

Rig Floor (If applicable)

Dog House (If applicable)

Lower landing of all stairs to rig floor

"Poison Gas" signs should also be strategically located around the rig and well location. The following locations are appropriate:

All entrance's leading onto location.

Lower landings of all stairs leading to rig floor

Various points along the perimeter of the radius of exposure

NOTE: *All warning signs should be of readable size at a distance.*

4.20 OPERATING PROCEDURES

The following operating procedures will be utilized for drilling and work over operation in areas with H₂S.

- A. Plan of operation for handling gas kicks and other problems. Any gas kick will be controlled by using approved well control techniques. Upon evidence that ambient H₂S concentrations have reached 10 ppm, all non-essential personnel will be evacuated to pre-determined safe areas. Personnel remaining on the rig floor will don appropriate respiratory protection equipment and continue to control the well until the situation indicates the area is safe to re-enter.

Special Operations:

All equipment with potential for H₂S exposure shall be suitable for H₂S service, i.e. Casing, Well Head, Blowout Preventer (BOP) equipment, Kill Lines, Choke Manifold and Lines.

A flare pit may need to be located a minimum of 100' from wellhead and 30' from the reserve pit or blow down tank.

4.30 OPERATING CONDITIONS

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

A. Condition I – Normal Operating Conditions, Potential Danger

Characterized by: Normal Operations in zones which contain or may contain H₂S.

Warning Flag: Yellow

Alarm: None

Probable Occurrence: No detectable gas present at surface

General Action:

Know location of safety equipment.

Check safety equipment for proper function. Keep it available.

Be alert for a condition change.

Follow instructions of supervisor.

B. Condition II – Moderate Danger to Life

Characterized by: H₂S gas present. Concentration less than 10 ppm.

Warning Flag: Orange

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

Probable Occurrence:

As trip gas when circulating bottoms up.

When a well kick is circulated out.

Surface pressure, well flow or lost operations.

Equipment failure during testing operations.

General Action:

Follow instructions of supervisor.

Put on breathing equipment if directed, or if conditions warrant it.

Stay in “SAFE BRIEFING AREA” if instructed and not working to correct the problem.

The Drilling or Completions Consultant will initiate action plans to reduce the H₂S concentration to acceptable levels.

C. Condition III - Moderate to Extreme Danger to Life

Characterized by: H₂S present in concentrations at or above 10 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 10 ppm H₂S.

Probable Occurrence:

As trip gas when circulating bottoms up.

When a well kick is circulated out.

Surface pressure, well flow or lost return problems.
Equipment failure during testing operations.

General Action:

Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problem.

Follow instructions of the Drilling or Completions Consultant or other supervisor.

The Drilling or Completions Consultant will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, the well will be shut in.

The Drilling or Completions Consultant will conduct any necessary operations with an absolute minimum level of personnel. All persons in the immediate area will wear breathing apparatus. All other personnel will restrict their movements to those directed by the Drilling or Completions Consultant.

If gas containing hydrogen sulfide (H₂S) is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is poisonous.

5.00 HYDROGEN SULFIDE EMERGENCY PROCEDURES

The procedures listed below apply to Drilling and Completions and testing operations.

- A.** If at any time during Condition I, any person who detects H₂S, will notify the Drilling or Completions Consultant. All personnel should keep alert to the Drilling or Completions Consultant's orders. He/She will do the following:
1. Immediately begin to ascertain the cause or the source of the H₂S and take steps to reduce the H₂S concentration to zero.
 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 immediate Supervisor of condition and action taken.
 5. Continue gas monitoring activities and continue with caution.
 6. Display the orange warning flag.

- B.** If the H₂S concentrations exceed 10 PPM the following steps will be taken:
1. Put on breathing equipment.
 2. Display red flag.
 3. Rig Crew – prepare to shut the well in.
 - a. 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 into the atmosphere, the following steps must be taken to alert the public:
1. Remove all rig personnel from the danger area and assembly at a pre-determined safe area, preferable upwind from the well site.
 2. Alert 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 advised to leave immediately.
 4. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.

D. Procedure and Reporting Changes:

1. Whenever H₂S is encountered the Operator shall notify state and federal regulatory officials of its presence as soon as possible but in no event shall notification take longer than 24 hours. The results of all field measurements shall be included.

Contact: UDOGM Area Engineer Dustin Doucet at 801-538-2117 and BLM Area Engineer Eric Jones at 435-259-2117

2. The Operator shall capture a gas sample and have compositional analysis performed on it to quantify the percentage of H₂S present. The Operator shall report the results of this analysis, the depth from which the sample came and the name of the formation on a sundry notice to the area UDOGM and BLM offices within 24 hours of receipt of the results.

6.0 TRAINING PROGRAM

All personnel associated with the drilling and completions operations will receive training to ensure efficient and correct action in all situations. This training will be in the general areas of:

(A.) Personnel Safety (B.) Respiratory Protection (C.) 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 mental components of the system.
3. Safety precautions.
4. Operation of safety equipment and life support systems.
5. Corrective action and shutdown procedures.
6. Respiratory Protection

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

1. Well control procedures (for rig operator)
2. Layout and operations of the well control equipment.
3. Respiratory Protection

NOTE: *Proficiency will be developed through BOP drills which will be documented by the Completions Consultant.*

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 in addition to the following:

1. Respiratory Protection

Visitors. All first time visitors to the location will be required to have training in and be current with a Patara approved respiratory protection program.

7.00 PROTECTION OF THE GENERAL PUBLIC

Public The public within the area of exposure may be given an advance briefing by Patara safety personnel if deemed necessary. This briefing must include the following elements:

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 detections 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.

The necessity of an emergency action plan. Due to the danger of 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 should occur.

The manner in which the public will be notified of an emergency.
Steps to be taken in case of an emergency.

Notify necessary agencies and request assistance for controlling traffic and evacuating people.

7.10 NOTIFICATION OF POTENTIAL DANGER

- Warning signs will be prominently displayed at the well site and at all access points.

7.20 EMERGENCY EVACUATION AND ISOLATION OF DANGER AREA

In the event toxic gases are released in such quantities as to be a possible hazard to the public the following steps (in addition to the procedure outlined in Section 5.0) will be taken by the person in charge:

Evacuate all unnecessary personnel from the immediate hazardous area of the release.

- Choose a command post site in a safe area, and assume Incident Command.
- Alert by telephone or radio the Safety Field Coordinator and notify the person of the situation and your choice of a command post.
- Notify local Law Enforcement Officials of the need to restrict entry to the area and the **location of your command post**. Request their assistance in restricting entry into the danger area by placing roadblocks or barriers in safe areas.

Note-Alternate command posts and roadblocks may be required; the Incident Commander may make changes in the locations listed above. Care should be taken to notify all responders of the changes.

- If evacuation cannot be accomplished in a timely manner and the H₂S release is posing an immediate threat to human life, the Incident Commander may choose to ignite the gas. Because of the increased risks igniting the gas can pose for response personnel, only the Incident Commander can give this order.

**APPENDIX C
EMERGENCY CONTACT**

EPA 24-Hour Spill Notification Number	303.293.1788
Department of Transportation National Response Center	800.424.8802
Naturita Area Fire Department	970.864.7333
Monticello Ambulance	435.587.2237
Fire (Monticello, Utah)	435.587.2237
St Mary's Care Flight	800.332.4923
U.S. Dept. of Interior, Bureau of Land Management	970.878.5555
Patara Oil & Gas Corporate Office	303.623.2300
Patara Oil & Gas Lisbon Gas Plant Office	435.686.7600
Patara Oil & Gas Lisbon Gas Plant Control Room	866.774.8385
Patara Oil & Gas Lone Cone Field Office	970.864.7591
Dayne Doucet EHS Field Coordinator	970.739.3916
San Miguel County Sheriff	970.728.1911
San Juan County Sheriff	435.587.2237

Emergency calls should dial 911.

Note: If 911 is unavailable, call the applicable county Sheriff Dispatch number.

PATARA OIL & GAS, LLC.

**LISBON D-810 Sidetrack
SAN JUAN COUNTY, UTAH**

1. ESTIMATED FORMATION TOPS:

Formation	MD	TVD	SS
Penn – Paradox Salt	4,331'	4,326'	2,318'
Penn – Base Paradox Salt	7,488'	7,475'	-831'
Penn - Leadville	7,660'	7,646'	-1,002'
Penn - McCracken	8,236'	8,222'	-1,578'

2. ESTIMATED DEPTHS OF MINERAL BEARING -FORMATION:

Estimated depths at which water, oil, gas or other mineral-bearing formations are expected to be encountered:

	Formation	Depth TVD
Gas	Leadville	7,646'
Oil	McCracken	8,222'

3. CASING and CEMENT PROGRAM:

Existing/Proposed Casing Program:

<u>Purpose</u>	<u>Interval</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
Surface (existing)	0-1,059'	13-3/8"	54.5 ppf	J-55	ST&C
Production (existing)	0-8,444' (collapsed at 7,855')	7-5/8"	29 & 26 ppf	L-80	LT&C
Production (proposed)	7,400'-8,450'	5"-FJ	15 ppf	L-80	Flush-Jt

Production Liner

Plan is to sidetrack out of 7-5/8" casing at +/- 7600', drilling 6.5" hole to TD at approximately 8450' (100' below McCracken formation). Pay sections will be cased off with 5" flush-joint liner. Cement will be circulated from TD to the top of the liner hanger set @ +/- 7400'.

PATARA OIL & GAS, LLC.

Proposed Cement Program:

Casing	Amount and Type of Cement	Interval	% excess
Production Liner	55 sx 12.5 ppg (35:65) Poz Type III (Yield 2.16 cuft/sk)	7,400' – 8,450'	15%

Cement volumes are approximate. Actual volumes will be calculated from caliper log data.

4. OPERATORS MINIMUM SPECIFICATION FOR BOPE:

The surface casing will be equipped with a flanged casing head of 3,000 psi working pressure. Pressure control equipment rating will be 3,000 psi. This equipment will be nipped up on the surface casing and tested to 250 psi low test/3,000 psi high. The BOPE will be hydraulically operated.

5. PROPOSED MUD PROGRAM

Interval	Type	Mud Weight	Viscosity	Fluid Loss
7,600'-TD	WBM	8.4 – 9.0 ppg	28-45 Sec.	<10

Nitrogen assist may be utilized in mud system to combat losses that are probable drilling through the depleted Leadville formation.

6. LOGGING PROGRAM:

LOGS	Interval
Triple Combo (AIT/GR/SP & CNL/LDT/GR/Cal (2.65 gm/cc SS Matrix)) with BHC Sonic	8,450' – 7,600'

Stimulation Program: Evaluate open hole logs and perforate selected intervals of the Mississippian and McCracken formations. Acidize Mississippian and fracture stimulate McCracken down the 3-1/2" frac string and 5" liner.

Completion plans are to drill, log, case, and perforate the Mississippian and McCracken Formations prior to stimulation. Stimulation design is pending results of formation height, permeability and porosity. Design to be performed after initial logging results and pressure transient data is acquired.

PATARA OIL & GAS, LLC.**7. ABNORMAL PRESSURE, TEMPERATURE, POTENTIAL HAZARDS:**

The maximum anticipated bottomhole pressure is $\pm 2,500$ psi and will be controlled with mud weight and BOP equipment. The anticipated bottomhole temperature is 135 °F. Hydrogen sulfide gas is present in this field and proper monitoring equipment will be utilized. The fracture gradient is anticipated to be 0.85 – 0.90 psi/ft.

8. ANTICIPATED AGENDA:

The operation is expected to commence soon after a permit is issued, subject to rig availability. Drilling operations will last about 21 days.

Patara Oil & Gas, LLC

REV.	DATE

PROPOSED WELLBORE SCHEMATIC
NW Lisbon USA-A 2 (Lisbon D-810)
API No. 43-037-16471
SHL: 1,867 FSL 738 FEL
Sec. 10 T30S R24E
San Juan County, Utah

DRAWN	C. Noonan		
APP'D	J. Warren		
SCALE	Not Drawn to Scale		
DATE	12/8/2011		
<table border="1"> <tr> <td>SHEETS</td> <td>SHEET</td> </tr> </table>		SHEETS	SHEET
SHEETS	SHEET		

SPUD DATE
June 25, 1960

ELEVATION
Ground - 6,631'
RKB - ±6,641'

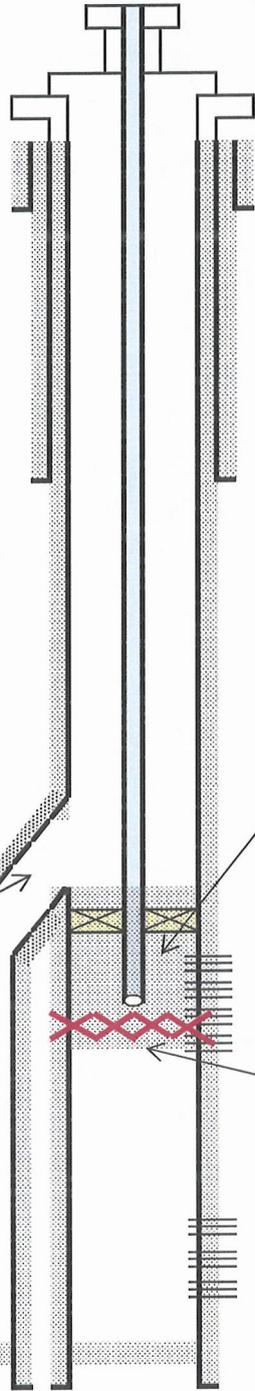
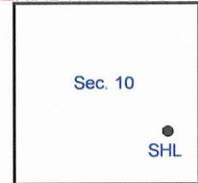
CONDUCTOR CASING
Set in place

SURFACE CASING
13-3/8" 54.5# J-55 ST&C

PRODUCTION CASING
7-5/8" 29 & 26# L-80 LT&C
5" FJ 15# L-80 Flush JT

TUBING
2-3/8" J-55

AERIAL WELL LOCATION



Conductor Casing
Set in place

Surface Casing
1,059' - 13-3/8" Cement to surface with 800 sks
Squeezed Hole in Casing at 1,150' (4/89)
#1 w/ 220 Sx B Cement
#2 w/ 250 Sx Cement
Squeezed Hole in Casing from 2,198' - 2232' (5/11)
#1 w/ 150sks neat w/ fluid loss
#2 w/ 150sks neat cmt

Sidetrack Plans

Sidetrack out of 7-5/8" casing at ±7,600' with 6.5" hole to TD 100' below McCracken formation at 8,450'. Cemented with 55 sks 12.5 ppg 35.65 Poz Type III (Yield 2.16 cuft/sk) with 15% excess from 7,400' - 8,450'

Cement plug to be set from 7,500' - 7,855'
90 sks 15.8ppg Class G

Tubing
7,801' - 2-3/8" to surface
Top of packer at 7,622'

Mississippian Perforation Data

7,688' - 7,760'
7,800' - 7,846'
7,836' - 7,970'
7,970' - 7,980'

Top of liner hanger at 7,400'

Casing collapse from 7,855' - 7,871'

Planned perforations of McCracken and Mississippian Formation during completions.

McCracken Perforation Data

8,254' - 8,264'
8,278' - 8,282'
8,320' - 8,330'

Production Casing

8,444' - 7-5/8" Cement to surface with 850 sks & 90 gals Latex
7,400' - 8,450' - Cement from TD to top of liner hanger set at ±7,400'

Sidetrack Hole
Total Vertical Depth - 8,450'

Original Hole
Total Vertical Depth - 9,310'
Cement Plug 8,370 - 8,600' with 50 Sx

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

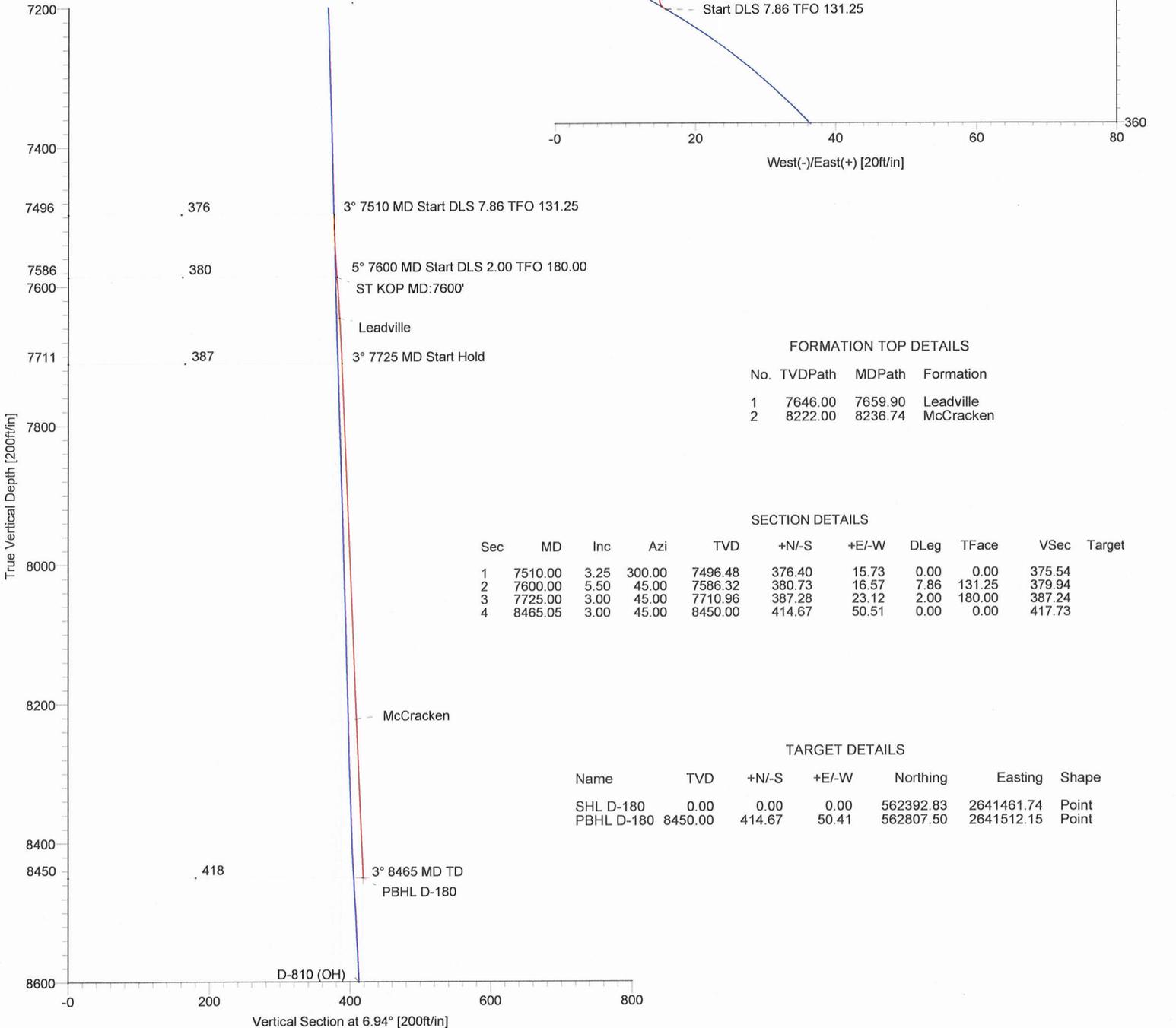
PATARA OIL & GAS, LLC

Field: San Juan County, UT
 Site: Lisbon
 Well: D-810
 Wellpath: ST
 Plan: Plan #2



Azimuths to Grid North
 True North: -1.37°
 Magnetic North: 9.32°

Magnetic Field
 Strength: 51371nT
 Dip Angle: 64.40°
 Date: 9/28/2011
 Model: IGRF2010



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	7646.00	7659.90	Leadville
2	8222.00	8236.74	McCracken

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7510.00	3.25	300.00	7496.48	376.40	15.73	0.00	0.00	375.54	
2	7600.00	5.50	45.00	7586.32	380.73	16.57	7.86	131.25	379.94	
3	7725.00	3.00	45.00	7710.96	387.28	23.12	2.00	180.00	387.24	
4	8465.05	3.00	45.00	8450.00	414.67	50.51	0.00	0.00	417.73	

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
SHL D-180	0.00	0.00	0.00	562392.83	2641461.74	Point
PBHL D-180	8450.00	414.67	50.41	562807.50	2641512.15	Point



LEAM DRILLING SYSTEMS, INC.
 2010 East Davis Conroe, Texas 77301
 Phone: 936-756-7577 Fax: 936-756-7595

Plan: Plan #2 (D-810/ST)
 Created By: Tyler Carlson Date: 11/4/2011
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____

LEAM Drilling Systems, Inc.

Planning Report

Company: PATARA OIL & GAS, LLC	Date: 11/4/2011	Time: 14:06:20	Page: 2
Field: San Juan County, UT	Co-ordinate(NE) Reference: Well: D-810, Grid North		
Site: Lisbon	Vertical (TVD) Reference: GL 6631 6631.0		
Well: D-810	Section (VS) Reference: Well (0.00N,0.00E,6.94Azi)		
Wellpath: ST	Survey Calculation Method: Minimum Curvature	Db: Adapti	

Casing Points

MD	TVD	Diameter	Hole Size	Name

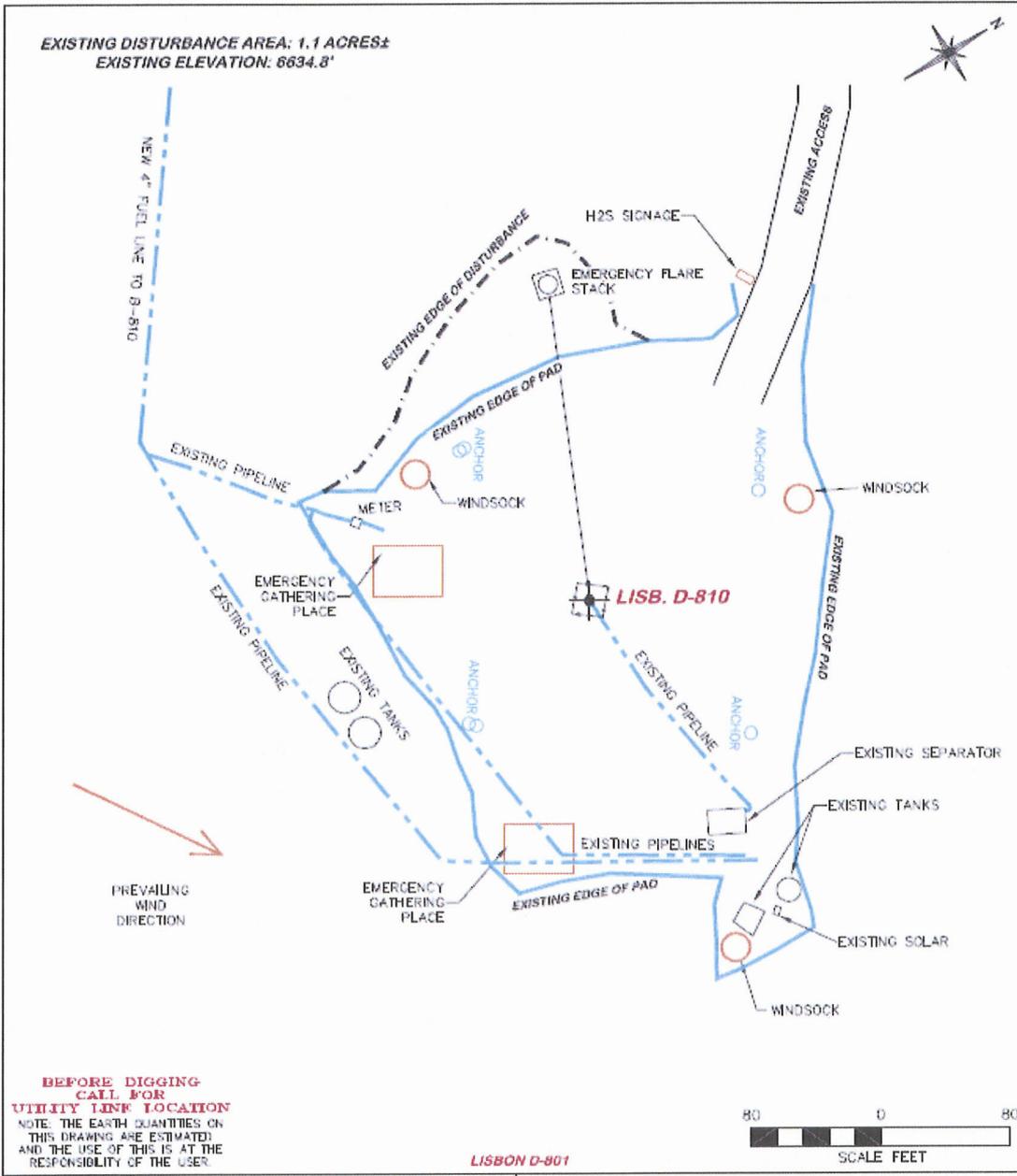
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
	0.00	Paradox Salt		0.00	0.00
	0.00	Base Paradox Salt		0.00	0.00
7659.90	7646.00	Leadville		0.00	0.00
8236.74	8222.00	McCracken		0.00	0.00

APPENDIX A PROPOSED ROAD



APPENDIX B H2S EMERGENCY RESPONSE LAYOUT



<p>BEFORE DIGGING CALL FOR UTILITY LINE LOCATION</p> <p><small>NOTE: THE EARTH QUANTITIES ON THIS DRAWING ARE ESTIMATED AND THE USE OF THIS IS AT THE RESPONSIBILITY OF THE USER.</small></p>		<p>H2S EMERGENCY RESPONSE PLAN LAYOUT PATARA OIL & GAS, LLC LISBON D-810 NESE SECTION 10, T30S, R24E</p> <p>EXISTING ELEVATION: 6634.8'</p>
<p>DRG RIFFIN & ASSOCIATES, INC. <small>(897) 862-5028 1414 ELK ST., ROCK SPRINGS, WY 82901</small></p>		
<p>DRAWN: 11/2/2011 - DEH</p>	<p>SCALE: 1" = 80'</p>	
<p>REVISED:</p>	<p>DRG JOB No. 18885</p>	
		<p>EXHIBIT 2B</p>

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/07/2011

API NO. ASSIGNED: 43-037-16471

WELL NAME: NW LISBON USA A-2 (D-810)

OPERATOR: PATARA OIL & GAS, LLC (N3670)

PHONE NUMBER: 303-563-5378

CONTACT: DANIELLE GAVITO

PROPOSED LOCATION:

NESE 10 300S 240E

SURFACE: 1867 FSL 0738 FEL

BOTTOM: 2280 FSL 0678 FEL

COUNTY: SAN JUAN

LATITUDE: 38.19014 LONGITUDE: -109.26868

UTM SURF EASTINGS: 651618 NORTHINGS: 4228328

FIELD NAME: LISBON (385)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-14903

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MCRKN

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000428)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. _____)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: LISBON
- ___ R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

*1- Sealed Approval
2- Spacing AP*



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2011

Patara Oil & Gas, LLC
600 17th Street, Ste 1900S
Denver, CO 80202

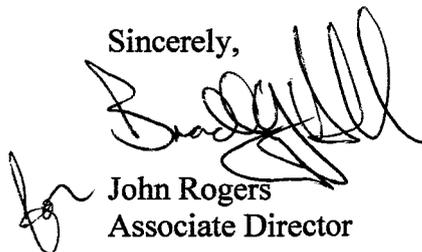
Subject: NW Lisbon USA A-2 (D-810) Well, Surface Location 1867' FSL, 738' FEL, NE SE, Sec. 10, T. 30 South, R. 24 East, Bottom Location 2280' FSL 678' FEL, Sec. 10, T. 30 South, R 24 East, NE SE, San Juan County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the McCracken Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

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 43-037-16471.

Sincerely,



John Rogers
Associate Director

JR/js
Enclosures

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



Operator: Patara Oil & Gas, LLC
Well Name & Number NW Lisbon USA A-2 (D-810)
API Number: 43-037-16471
Lease: UTU-14903

Surface Location: NE SE **Sec. 10** **T. 30 South** **R. 24 East**
Bottom Location: NE SE **Sec. 10** **T. 30 South** **R. 24 East**

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *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

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

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

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-14903	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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.		7. UNIT or CA AGREEMENT NAME: LISBON	
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NW LISBON USA A-2 (D-810)	
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		9. API NUMBER: 43037164710000	
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: 1867 FSL 0738 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 10 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 type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 3/16/2012 <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 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.			
<p>Patara Oil & Gas, LLC commenced operations on the Lisbon D-810 sidetrack at 20:00 on March 16, 2012 with Hurrican Drilling Rig #9. Please contact the undersigned with any questions or concerns. Thank you.</p>			
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 26, 2012</p>			
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production	
SIGNATURE N/A		DATE 3/20/2012	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; PATARA OIL & GAS, LLC

Well Name: NW LISBON USA A-2 (D-810)

Api No: 43-037-16471 Lease Type FEDERA;

Section 10 Township 30S Range 24E County SAN JUAN

Drilling Contractor HURRICANE RIG # 9

SPUDDED:

Date 03/16/2012

Time 8:00 PM

How ROTARY

**Drilling will
Commence:** _____

Reported by RYAN CALHOUN

Telephone # (303) 710-1713

Date 03/16 /2012 Signed CHD

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: UTU-14903
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: LISBON
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NW LISBON USA A-2 (D-810)
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		9. API NUMBER: 43037164710000
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1867 FSL 0738 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 10 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 type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/29/2012	<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"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please find the attached monthly drilling operations update for the subject well. All operations are complete for the month. Please contact the undersigned with any questions or concerns. Thank you.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 04, 2012
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production
SIGNATURE N/A		DATE 3/29/2012



Patara Oil & Gas LLC

Daily Activity and Cost Summary

Well Name: Lisbon D-810 (NW Lisbon USA A-2)

API/UWI 43-037-16471	Surface Legal Location NESE Sec. 10 T30S R24E	Field Name Lisbon	License #	State/Province Utah	Well Configuration Type Deviated
Ground Elevation (ft) 6,631.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	Spud Date 3/16/2012 20:00	Rig Release Date 12/27/2011 19:00

Job Category Drilling	Primary Job Type Sidetrack Productive Zones	Secondary Job Type	Status 1
Start Date 3/16/2012	End Date 3/25/2012	AFE Number 1139;P12D09	Total AFE + Supp Amount (Cost)

Objective
Side Track to McCracken, bypassing collapsed casing

Summary

Contractor Hurricane Drilling	Rig Number 9	Rig Type Workover
----------------------------------	-----------------	----------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
1.0	3/16/2012	3/17/2012			MIRU, Blow down/kill well, NU double ram, RU slickline and set tbq plug, release packer and POOH laying down tbq.
2.0	3/17/2012	3/18/2012			Unload 3 1/2' drill pipe from trucks, PU Baker cement retainer, PU singles DP and RIH, RU cementers & test lines, Cement squeeze, Pull out of retainer and spot 30' cmt on top. Reverse out 1 bbl cmt to surface. POOH standing back DP
3.0	3/18/2012	3/19/2012			POOH standing back DP, LD 20 jts to allow for HW, ND BOP and NU mud cross, double ram, annular & rotating head. PU Mills and attempt to get in top 7 5/8" csg, change out starter mills and get into csg. RIH w/ wiper run, Work on rig, Make mill gauge run. Mix mud and circulate.
4.0	3/19/2012	3/20/2012			Mix mud and circulate, POOH w/ mill gauge run, PU mills and set UBHO to WS face, RIH on single line with WS, PU gyro, RIH w/ gyro and seat in UBHO, lower WS and set @ 50 deg GYTF, POOH w/ Gyro, PU power swivel and prepare to mill window.
5.0	3/20/2012	3/21/2012			Pick up power swivel and mill window from 7606'-7626', 6 3/4" window at 50 deg azm, C&C, Monitor well for flow, RU 2 lines and POOH, LD WS mills, clear cat walk and rig floor, PJSM to PU directional tools, PU directional BHA and bit (RTC RC 20) 3 x 14's
6.0	3/21/2012	3/22/2012			Pick up directional BHA and test tools. RIH to top of window. C&C mud. PU SD entry sub and RIH w/ gyro. Seat gyro and pack off. PU power swivel and start time drilling w/ GYRO TO 7666, POH w. gyro, DRI ahead rotate to 7695
7.0	3/22/2012	3/23/2012			DRILL AHEAD AT 5 - 6 DEG INC AND 35 - 40 AZM DEPARTING FROM OLD WELL PATH. SLIDE AT 180 TF TO ATTEMPT TO DROP INCLINATION NO RESULTS @ 8106 C & C TO POH FOR BIT CHANGE
8.0	3/23/2012	3/24/2012			POH AND CHANGE BIT TO HUGHES PDC : RIH TO WS, CLEAN PITS AND CUTTING TANK, TRIP IN OPEN HOLE AND DRILL AHEAD TO 8255.SLIDE 45 FEET @ 180 TF NO RESULTS
9.0	3/24/2012	3/25/2012			DRILLED TO TD 8465 SHRT TRIP, C & C POH FOR E LOGS
10.0	3/25/2012	3/26/2012			RUN E LOGS, RAN CSG LINER NAD DP CEMENTED AND CIRCULATED OFF/ NO CMT BACK, POH WITH DRP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		8. WELL NAME and NUMBER: NW LISBON USA A-2 (D-810)	
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PHONE NUMBER: 303 563-5364 Ext		9. FIELD and POOL or WILDCAT: LISBON	
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		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 type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/24/2012	<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 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.			
This well reached TD on March 24, 2012 at 8465ft. Thank you.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 04, 2012			
NAME (PLEASE PRINT) Christopher Noonan	PHONE NUMBER 303 563-5377	TITLE Supervisor: Regulations & Production	
SIGNATURE N/A		DATE 3/27/2012	

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

RECEIVED

FORM 6

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
43-037-16471	NW Lisbon USA A-20 ³⁴		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

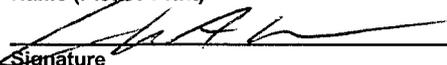
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

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)



Supervisor: Production

4/20/2012

Title

Date

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: UTU-14903
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: LISBON
2. NAME OF OPERATOR: PATARA OIL & GAS, LLC		8. WELL NAME and NUMBER: NW LISBON USA A-2 (D-810)
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1900S , Denver, CO, 80202		9. API NUMBER: 43037164710000
PHONE NUMBER: 303 563-5364 Ext		9. FIELD and POOL or WILDCAT: LISBON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1867 FSL 0738 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 10 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/5/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	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 first produced this well via gas lift on 6/5/2012 at 12:30pm. The well produced 180bbls of oil over a 14 hour period, no water, from the McCracken formation. This well has been dually completed; the Mississippian Leadville will be produced seperatly at a later date. A seperate notice for that formation will be sent accordingly. A completion report will be submitted once gas and liquid analyses have been conducted. Please contact the undersigned with any questions or concerns. Thank you.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 06, 2012**

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

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU014903
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR: Patara Oil & Gas LLC		7. UNIT or CA AGREEMENT NAME Lisbon Unit
3. ADDRESS OF OPERATOR: 600 17th St. Ste 1900S CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: NW LISBON USA A-2
PHONE NUMBER: (303) 563-5377		9. API NUMBER: 4303716471 (D-810)
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1867 FSL 738 FEL (NESE) Sec 10 30S 24E		10. FIELD AND POOL, OR WILDCAT Lisbon
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2241 FSL 705 FEL (NESE) Sec 10 30S 24E		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 10 30S 24E S
AT TOTAL DEPTH: 2330 670 2347 FSL 652 FEL (NESE) Sec 10 30S 24E BHL by HGM		12. COUNTY San Juan
14. DATE SPUDDED: 3/16/2012		13. STATE UTAH
15. DATE T.D. REACHED: 3/25/2012		17. ELEVATIONS (DF, RKB, RT, GL): 6644 RKB
16. DATE COMPLETED: 5/9/2012		18. TOTAL DEPTH: MD 8,465
ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		19. PLUG BACK T.D.: MD 8,423
20. IF MULTIPLE COMPLETIONS, HOW MANY? * 2		21. DEPTH BRIDGE MD 8,398 8447
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Caliper Neutron Density, Quicklook, Array Induction		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis)
		WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report)
		DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
15.75	13.375 J-55	54.5	0	1,059		G 800		0 - VIS	
6.5	7.325 N-80	26.40	0	8,444		50/50 850		0 - CAL	
5.5	4.5 L-80	11.60	7,606	8,464		G 100		7333 - CAL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	8,218	8,200						

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Mississippian- AB	7,688	7,980			7,688 7,980			Open <input type="checkbox"/>	Squeezed <input checked="" type="checkbox"/>
(B) McCracken- AB	8,254	9,330			8,254 9,330			Open <input type="checkbox"/>	Squeezed <input checked="" type="checkbox"/>
(C) Mississippian	7,688	7,762	7,641	7,963	7,688 7,762	.44	142	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D) McCracken	8,241	8,322	8,207	8,312	8,241 8,322	.44	50	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7688 - 7762	Pumped 15,000 gallons HCL with 6% KCL wash and break down perfs
8241 - 8322	Frac treated with 21,300# 20/40 sand and CO2

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____	<input checked="" type="checkbox"/> DIRECTIONAL SURVEY <p align="center" style="font-size: 2em;">PR</p>

RECEIVED

JUL 11 2012

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/1/1960	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Squeezed

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED: 7/1/1960	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Squeezed

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED: 6/24/2012	TEST DATE: 5/8/2012	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 136	WATER - BBL: 0	PROD. METHOD: Flow
CHOKE SIZE: 32/64	TBG. PRESS. 586	CSG. PRESS.	API GRAVITY 30.00	BTU - GAS 136	GAS/OIL RATIO 136	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Open

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED: 4/28/2012	TEST DATE: 4/28/2012	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 142	GAS - MCF: 1,400	WATER - BBL: 30	PROD. METHOD: Flow
CHOKE SIZE: 64/64	TBG. PRESS. 110	CSG. PRESS.	API GRAVITY 0.87	BTU - GAS 925	GAS/OIL RATIO 10	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Open

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. 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.

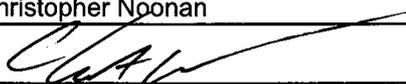
34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Mississippian	7,655	7,978		Mississippian	7,655
McCracken	8,224	8,330		Ouray	7,979
				Elbert	8,098
				McCracken	8,224
				Aneth	8,331

35. ADDITIONAL REMARKS (Include plugging procedure)

Original wellbore abandonment squeeze on Mississippian: 7636 - 8330 - squeezed with 171sxs, 16lb, 1.12yld Class G.
 Sidetrack Mississippian treatment: 15,000 gallons HCL with 6 percent KCL to break down formation.
 Sidetrack McCracken treatment: Frac treated with 21,300lbs 20/40 sand and CO2.
 No H2S observed during well abandonment squeeze or sidetrack completion operations. All operations performed to prescribed H2S safety plan.

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

NAME (PLEASE PRINT) Christopher Noonan TITLE Regulations & Production Supervisor
 SIGNATURE  DATE 7/9/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

Patarra Oil & Gas, LLC

REV.	DATE
C. Noonan	5/30/2012

AS DRILLED WELLBORE SCHEMATIC
Lisbon D-810 Sidetrack (NW Lisbon USA-A 2)
API No. 43-037-16471
SHL: 1,867' FSL 738' FEL (NESE) Sec. 10 T30S R24E
BHL: 2,317' FSL 652' FEL (NESE) Sec. 10 T30S R24E
San Juan County, Utah

DRAWN	C. Noonan
APP'D	J. Warren
SCALE	Not Drawn to Scale
DATE	6/11/2012
SHEETS SHEET	

SPUD DATE

Original Hole - June 25, 1960
 Sidetrack Hole - March 16, 2012

ELEVATION

Ground - 6,631'
 RKB - ±6,641'

CONDUCTOR CASING

Set in place

SURFACE CASING

13-3/8" 54.5# J-55 ST&C

PRODUCTION CASING

7-5/8" 29 & 26# L-80 LT&C
 4-1/2" FJ 11.6# L-80 Flush JT

TUBING

2-3/8" 4.70# J-55 McCracken String
 2-1/16" 3.25# J-55 Mississippi String

Drilling Sidetrack

Sidetrack out at 7,333'
 Top of liner hanger at 7,431'

Dual Packer set at 7,406'

Production Liner

7,333' - 8,464' - Cement from TD to top of liner hanger w/ 100 sx 25ppg 50:50 Poz

Plug and Whipstock

Cement plug set from 7,636' - 8,333'
 171 sx 16ppg Class G

Casing collapse in original hole from 7,855' - 7,871' (5/11)

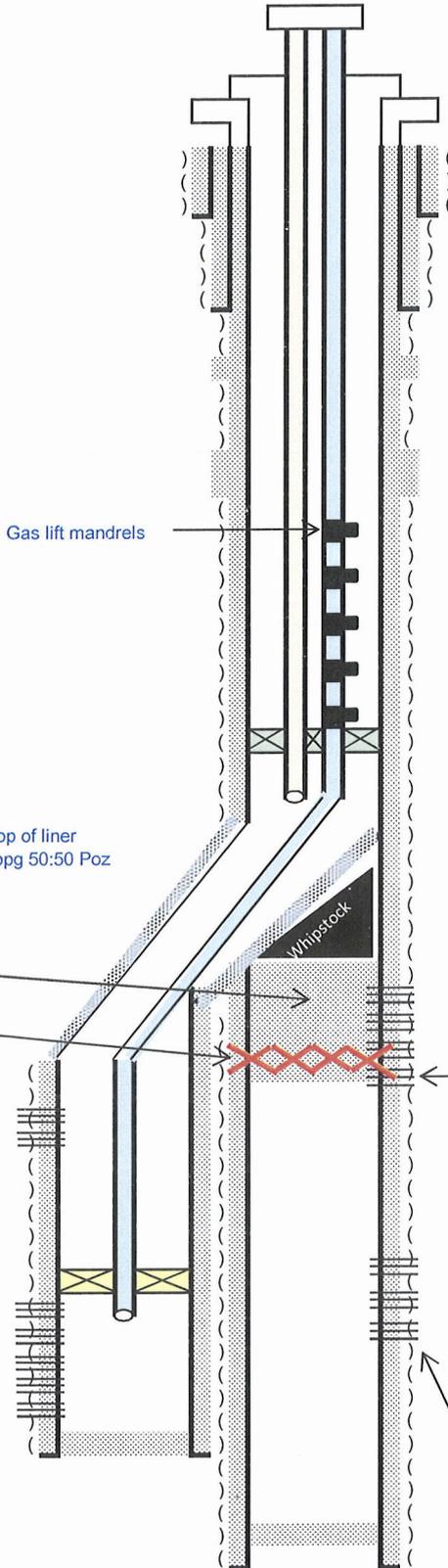
Mississippi Perfs - Sidetrack Hole

7,688' - 7,718' - 2spf
 7,722' - 7,763' - 2spf
 Acidized w/ 15,000 gals 6% KCL

Isolation Packer set at 8,200'

McCracken Perfs - Sidetrack Hole

8,245' - 8,250' - 1spf
 8,250' - 8,255' - 1spf
 8,268' - 8,272' - 2spf
 8,298' - 8,303' - 2spf
 8,310' - 8,316' - 2spf
 8,321' - 8,326' - 2spf
 Treated w/ 21,300#
 20/40 sand and CO2 4/23/12



Conductor Casing
 Set in place

Suface Casing

1,059' - 13-3/8" Cement to surface with 800 sx

Production Casing

8,444' - 7-5/8" Cement to surface with 850sx & 90 gals Latex

Squeezed Hole in Casing at 1,150' (4/1989)

#1 w/ 220 sx B Cement

#2 w/ 250 sx Cement

Squeezed Hole in Casing from 2,198' - 2,232' (5/2011)

#1 w/ 150 sx neat w/ fluid loss

#2 w/ 150 sx neat cmt

Tubing Detail

8,218' - 2-3/8" McCracken oil string to surface

KB Corrected 10.00 ft

1 jnt 2-3/8" tbg 48.58 ft

Subs - 24' of 2-3/8" 64.58 ft

114 jnts 2-3/8" tbg 3,546.54 ft

Gas lift mandrel #5 3,553.46 ft

43 jnts 2-3/8" tbg 4,866.06 ft

Gas lift mandrel # 4 4,872.00 ft

35 jnts 2-3/8" tbg 5,942.55 ft

Gas lift mandrel #3 5,949.47 ft

30 jnts 2-3/8" tbg 6,865.74 ft

Gas lift mandrel #2 6,872.66 ft

16 jnts 2-3/8" tbg 7,361.52 ft

Gas lift mandrel #1 7,368.44 ft

1 jnt 2-3/8" tbg 7,399.00 ft

Halliburton Dual Packer 7,406.14 ft

26 jts 2-3/8" 8,200.85 ft

1.87 F Nipple 8,201.70 ft

Locator Collar 8,202.10 ft

Weatherford 4.5 Packer 8,202.10 ft

Sub - 2-3/8" 8,207.80 ft

1.81 F Nipple 8,208.66 ft

Sub - 2-3/8" 8,214.72 ft

1.78 R Nipple 8,215.56 ft

Re Entry Guide 8,215.96 ft

Tubing Detail

7,400' - 2-1/16" Mississippi gas string to surface

KB Corrected 10.00 ft

225 jts 2-1/16" 7,334.54 ft

Subs 2-1/16" 7,360.54 ft

1 jt 2-1/16" 7,393.08 ft

1.50 F Nipple 7,393.93 ft

2-1/16" x 2-3/8" XO 7,394.27 ft

J Latch 7,399.00 ft

Stung into Dual Packer @ 7,399.00 ft

McCracken Perfs - Original Hole

8,254' - 8,264' **Abandoned**

8,278' - 8,282'

8,320' - 8,330'

Mississippi Perfs - Original Hole

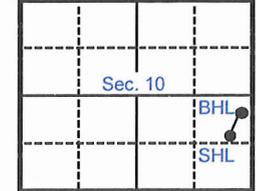
7,688' - 7,760' **Abandoned**

7,800' - 7,846'

7,836' - 7,970'

7,970' - 7,980'

AERIAL WELL LOCATION



Tops verified by formation logs

- Top of Mississippi 7,655'
- Top of Ouray 7,979'
- Top of Elbert 8,098'
- Top of McCracken 8,224'
- Top of Aneth 8,331'

Please note:

Existing well features in black

Key well features in blue

Proposed changes in red

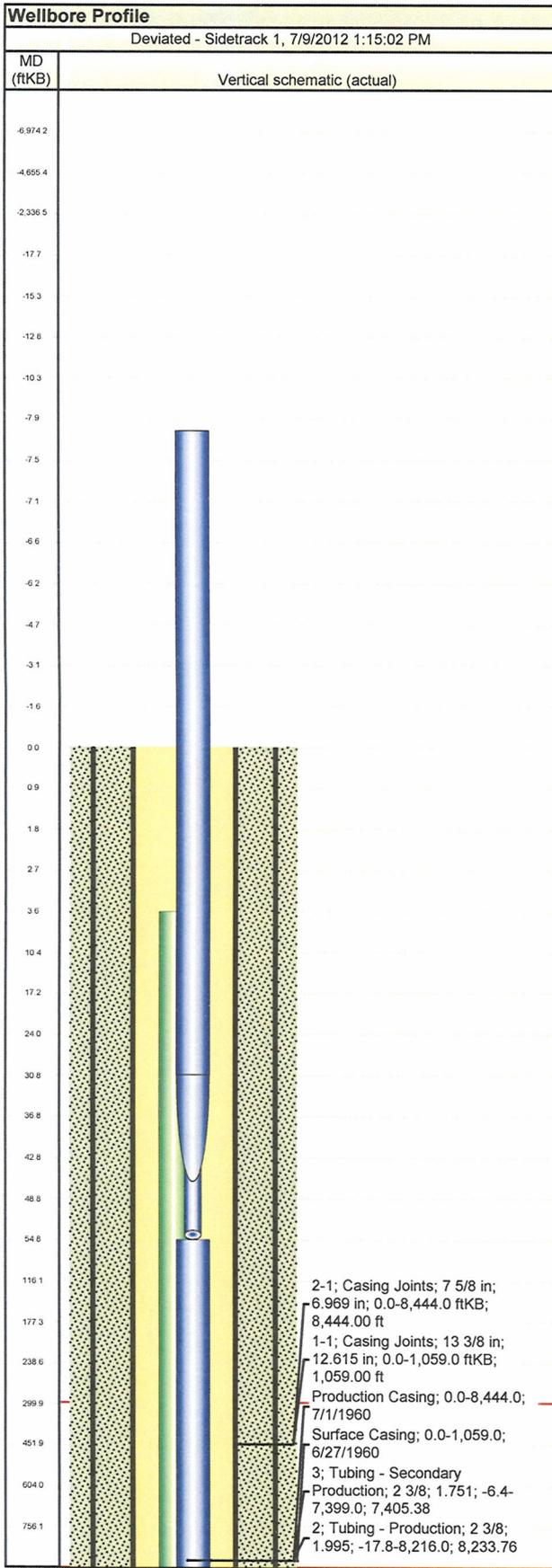
Sidetrack Hole
 Total Measured Depth - 8,464'

Original Hole
 Total Vertical Depth - 9,310'
 Cement Plug 8,370' - 8,600' with 50 sx

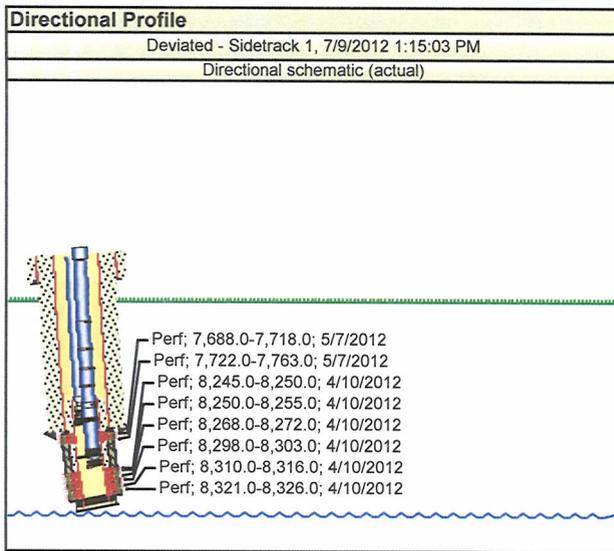


Well Name: Lisbon D-810 (NW Lisbon USA A-2)

API/UWI 43-037-16471	Surface Legal Location NESE Sec. 10 T30S R24E	Lease Lisbon Unit	Field Name Lisbon	State/Province Utah	Well Configuration Type Deviated
Original KB Elevation (ft) 6,644.00	KB-Ground Distance (ft) 13.00	Spud Date 3/16/2012 20:00	Rig Release Date 12/27/2011 19:00	PBTD (All) (ftKB) Sidetrack 1 - 8,423.0	Total Depth All (TVD) (ftKB)



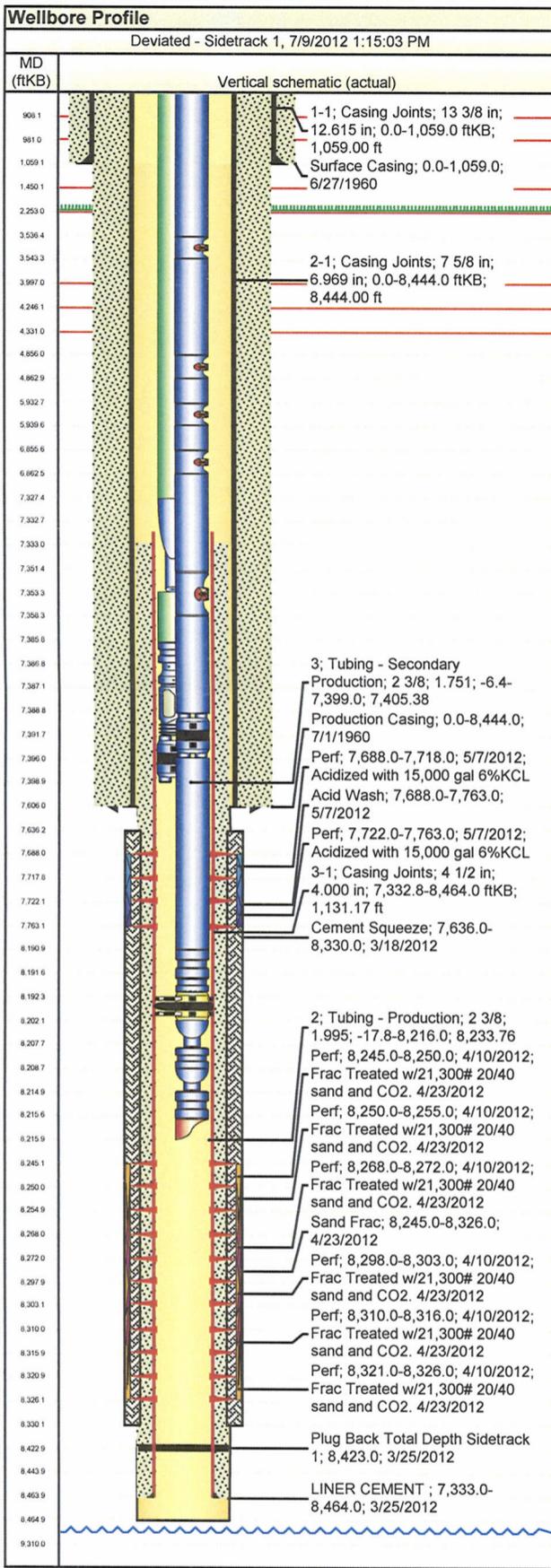
Wellbore Drilling Summary									
Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date	Act Top (TVD) (ftKB)	Act Btm (TVD) (ftKB)		
Production	6 1/2	7,606.0	8,465.0	3/20/2012	3/25/2012				
Casing Strings									
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)	Set Depth (TVD) (ftKB)				
Surface	13 3/8	54.50	J-55	1,059.0					
Production	7 5/8	26.40	N-80	8,444.0	8,429.2				
Liner	4 1/2	11.60	L-80	8,464.0					
Cement									
Surface Casing Cement, Casing, 6/27/1960 00:00									
Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)	
Displacement	0.0	1,059.0			G	800	0.00	0.00	
Production Casing Cement, Casing, 7/1/1960 00:00									
Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)	
Displacement	0.0	8,444.0		8,429.2	50-50 Pomix	850	0.00	0.00	
Cement Squeeze, Squeeze, 3/18/2012 03:30									
Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)	
Squeeze	7,636.0	8,330.0		6,091.1	G	171	1.12	16.00	
Liner Cement, Casing, 3/25/2012 00:00									
Fluid	Est Top (ftKB)	Est Btm (ftKB)	Est Top (TVD) (ftKB)	Est Btm (TVD) (ftKB)	Class	Amount (sacks)	Yield (ft ³ /sack)	Dens (lb/gal)	
Lead	7,333.0	8,464.0			50:50 Poz	100	1.42	25.00	
Tested Zones (Inter-formation designations for Pataro G&G in-house use only)									
Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)					
Mississippian	Sidetrack 1	7,655.0	7,978.0	323.0					
Status Date: 6/24/2012 Status: Flowing Fluid Type: Gas									
Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)					
Mississippian	Original Hole	7,688.0	7,980.0	292.0					
Status Date: 3/28/2012 Status: Abandoned Fluid Type: Gas									
Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)					
McCracken	Sidetrack 1	8,224.0	8,330.0	106.0					
Status Date: 4/10/2012 Status: Flowing Fluid Type: Oil									
Zone Name	Wellbore	Top Depth (ftKB)	Bottom Depth (ftKB)	Btm - Top (ftKB)					
McCracken	Original Hole	8,254.0	9,330.0	1,076.0					
Status Date: 3/28/2012 Status: Abandoned Fluid Type: Gas									
Perforation & Frac Summary									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	7,688.0	7,760.0	Mississippian, Original Hole	2.0	145				
Comment									
Squeezed off during McCracken sidetrack operation									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
5/7/2012	7,688.0	7,718.0	Mississippian, Sidetrack 1	2.0	61				
Comment									
Acidized with 15,000 gal 6%KCL									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
5/7/2012	7,722.0	7,763.0	Mississippian, Sidetrack 1	2.0	83				
Comment									
Acidized with 15,000 gal 6%KCL									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	7,800.0	7,846.0	Mississippian, Original Hole	2.0	93				
Comment									
Squeezed during McCracken sidetrack operation									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	7,836.0	7,970.0	Mississippian, Original Hole	2.0	269				
Comment									
Squeezed during McCracken sidetrack operation									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	7,970.0	7,980.0	Mississippian, Original Hole	2.0	21				
Comment									
Squeezed during McCracken sidetrack operation									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
4/10/2012	8,245.0	8,250.0	McCracken, Sidetrack 1	1.0	6				
Comment									
Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
4/10/2012	8,250.0	8,255.0	McCracken, Sidetrack 1	1.0	6				
Comment									
Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	8,254.0	8,264.0	McCracken, Original Hole	2.0	21				
Comment									
Abandoned in original wellbore below casing collapse									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
4/10/2012	8,268.0	8,272.0	McCracken, Sidetrack 1	2.0	9				
Comment									
Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
7/1/1960	8,278.0	8,282.0	McCracken, Original Hole	2.0	9				
Comment									
Abandoned in original wellbore below casing collapse									
Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...				
4/10/2012	8,298.0	8,303.0	McCracken, Sidetrack 1	2.0	11				
Comment									
Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012									





Well Name: Lisbon D-810 (NW Lisbon USA A-2)

API/UWI 43-037-16471	Surface Legal Location NESE Sec. 10 T30S R24E	Lease Lisbon Unit	Field Name Lisbon	State/Province Utah	Well Configuration Type Deviated
Original KB Elevation (ft) 6,644.00	KB-Ground Distance (ft) 13.00	Spud Date 3/16/2012 20:00	Rig Release Date 12/27/2011 19:00	PBTD (All) (ftKB) Sidetrack 1 - 8,423.0	Total Depth All (TVD) (ftKB)



Perforation & Frac Summary

Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (s...)	Calculated...
4/10/2012	8,310.0	8,316.0	McCracken, Sidetrack 1	2.0	13
Comment Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012					
7/1/1960	8,320.0	8,330.0	McCracken, Original Hole	2.0	21
Comment Abandoned in original wellbore below casing collapse					
4/10/2012	8,321.0	8,326.0	McCracken, Sidetrack 1	2.0	11
Comment Frac Treated w/21,300# 20/40 sand and CO2. 4/23/2012					

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)				
Tubing - Production	5/24/2012	8,233.76	8,216.0				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Depth Correction	1						10.00
Tubing	1		T&C Upset	2 3/8	4.70	J-55	38.58
Sub	1			2 3/8			24.00
Tubing	114		T&C Upset	2 3/8	4.70	J-55	3,481.56
Gas Lift Mandrel	1			2 3/8			6.92
Tubing	43		T&C Upset	2 3/8	4.70	J-55	1,312.79
Gas Lift Mandrel	1			2 3/8			6.92
Tubing	35		T&C Upset	2 3/8	4.70	J-55	1,069.60
Gas Lift Mandrel	1			2 3/8			6.92
Tubing	30		T&C Upset	2 3/8	4.70	J-55	916.20
Gas Lift Mandrel	1			2 3/8			6.92
Tubing	16		T&C Upset	2 3/8	4.70	J-55	488.80
Gas Lift Mandrel	1			2 3/8			6.92
Tubing	1		T&C Upset	2 3/8	4.70	J-55	30.56
Halliburton Dual Packer	1	Halliburton		2 3/8			7.14
Tubing	26		T&C Upset	2 3/8	4.70	J-55	794.82
1.87 F Nipple	1			2 3/8			0.85
Notched collar	1			2 3/8			0.40
Weatherford 4.5 Perm. Packer	1	Weatherford		2 3/8			10.00
Sub	1			2 3/8			5.70
1.81 F Nipple	1			2 3/8			0.86
Sub	1			2 3/8			6.06
1.78 R Nipple	1			2 3/8			0.84
Re-entry Guide	1			2 3/8			0.40

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)				
Tubing - Secondary Production	5/24/2012	7,405.38	7,399.0				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Depth Correction	1						10.00
Tubing	225		Integral Jt.	2 1/16	3.25	J-55	7,323.75
Subs	1			2 1/16			26.00
Tubing	1		Integral Jt.	2 1/16	3.25	J-55	32.54
1.50 F Nipple	1			2 1/16			0.85
Cross Over	1			2 1/16			0.34
J Latch	1			2 1/16			4.76
Halliburton Dual Packer	1	Halliburton		2 3/8			7.14

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Other In Hole

Description	Top (ftKB)	Btm (ftKB)	Run Date	Comment
Casing Collapse	7,855.0	7,871.0	8/1/2011	Collapse identified during attempt to install gas lift in 2011

Production Volumes Test Date (If zone is blank; commingled)

Zone: McCracken, Sidetrack 1 Start Date: 4/28/2012 End Date: 4/29/2012

Gas Volume Over Test Date

Zone Name: McCracken Product Type: Reservoir Gas Volume (MCF): 1,400.000

Liquid Volumes Over Test Date

Zone Name: McCracken Production Type: Oil Volume (bbl): 142.0

Zone Name: McCracken Production Type: Water Volume (bbl): 0.0

Zone: Mississippian, Sidetrack Start Date: 6/24/2012 End Date: 6/25/2012

Gas Volume Over Test Date

Zone Name: Mississippian Product Type: Reservoir Gas Volume (MCF): 136.000

Liquid Volumes Over Test Date

Zone Name: Mississippian Production Type: Oil Volume (bbl): 0.0

Zone Name: Mississippian Production Type: Water Volume (bbl): 0.0

API Gas Gravity

Comment: McCracken: 0.877 Mississippian: 1.076

API Oil Gravity

Comment: McCracken: 30

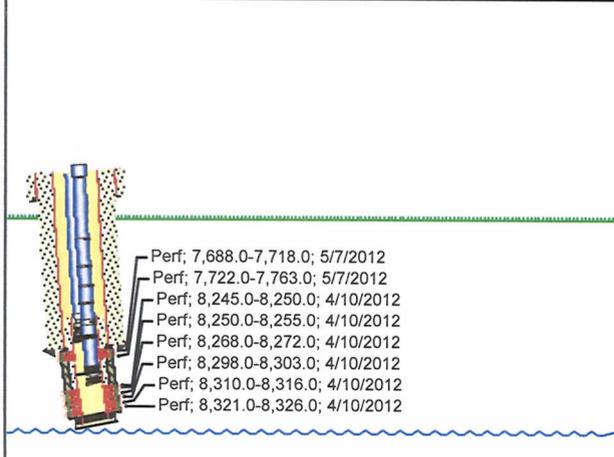
Date of First Sales

On Production Date: 6/5/2012

Directional Profile

Deviated - Sidetrack 1, 7/9/2012 1:15:03 PM

Directional schematic (actual)



LEAM Drilling Systems, Inc. 2027A Airport Rd., Conroe, TX 77301

Survey Report

MINIMUM CURVATURE
CALCULATION

Operator Patara Oil & Gas
 Well Name Lisbon D-810
 Location San Juan Co., Utah
 Start Date 3/21/2012
 End Date
 Direction 6.94°

SUR NUM	MD ft	INC °	AZM °	TVD ft	N-S ft	E-W ft	SECT ft	DLS %/100'
TIE IN		7510	3.25	300	7496.48	376.4	15.73	0
1		7651	4.6	14.6	7637.22	383.87	13.69	382.72
2		7683	4.8	29	7669.12	386.29	14.67	385.23
3		7715	5	26.5	7701	388.71	15.94	387.78
4		7778	5.1	31.5	7763.76	393.55	18.62	392.92
5		7810	5.5	33.1	7795.62	396.05	20.21	395.59
6		7842	5.5	36.2	7827.47	398.57	21.95	398.3
7		7873	5.9	36.2	7858.32	401.05	23.77	400.99
8		7905	5.9	36.2	7890.15	403.71	25.71	403.86
9		7937	6	38.5	7921.98	406.35	27.72	406.72
10		7968	6	40.1	7952.81	408.85	29.77	409.45
11		8000	6.2	40.4	7984.63	411.45	31.97	412.3
12		8031	6.2	37.6	8015.45	414.05	34.08	415.13
13		8060	6.30	37.60	8044.27	416.55	36.00	417.85
14		8092	6.90	33.00	8076.06	419.55	38.12	421.09
15		8124	7.70	29.90	8107.80	423.02	40.24	424.79
16		8156	7.80	33.00	8139.51	426.70	42.49	428.71
17		8187	8.30	35.00	8170.20	430.30	44.92	432.58
19		8251	9.00	35.70	8233.50	438.01	50.44	440.90
21		8314	9.80	35.50	8295.67	446.25	56.43	449.80
22		8345	10.30	35.30	8326.19	450.66	59.56	454.56
25		8422	12.00	38.30	8401.74	462.56	68.49	467.45



Well Name: Lisbon D-810 (NW Lisbon USA A-2)

API/UWI 43-037-16471	Surface Legal Location NESE Sec. 10 T30S R24E	Field Name Lisbon	License #	State/Province Utah	Well Configuration Type Deviated
Ground Elevation (ft) 6,631.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	Spud Date 3/16/2012 20:00	Rig Release Date 12/27/2011 19:00

Wellbore Name Sidetrack 1	Parent Wellbore Original Hole	Kick Off Depth (ftKB) 7,606.0	Vertical Section Direction (°)
Date 3/24/2012	Definitive? Yes	Description Final Survey	Proposed? No
MD Tie In (ftKB) 7,968.00	TVDTie In (ftKB)	Inclination Tie In (°) 6.00	Azimuth Tie In (°) 40.10
		NSTie In (ft)	EWtie In (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
3/23/2012	2,220.00	3.00	32.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	MWD	
3/23/2012	4,086.00	4.25	20.00	1,862.26	113.82	106.39	49.53	0.08	0.07	-0.64	117.35	MWD	
3/23/2012	4,240.00	4.00	20.00	2,015.86	124.75	116.80	53.32	0.16	-0.16	0.00	128.43	MWD	
3/23/2012	4,680.00	4.00	360.00	2,454.81	154.98	146.57	58.56	0.32	0.00	77.27	158.66	MWD	
3/23/2012	6,144.00	4.75	340.00	3,914.61	257.16	254.60	37.83	0.12	0.05	-1.37	268.66	MWD	
3/23/2012	7,651.00	4.60	14.60	5,416.89	371.05	371.73	31.72	0.18	-0.01	-21.59	385.95	MWD	LEAM
3/23/2012	7,683.00	4.80	29.00	5,448.79	373.60	374.14	32.69	3.73	0.63	45.00	388.55	MWD	LEAM
3/23/2012	7,715.00	5.00	26.50	5,480.67	376.22	376.56	33.97	0.91	0.63	-7.81	391.29	MWD	Anadrill Schlumberger
3/23/2012	7,778.00	5.10	31.50	5,543.43	381.48	381.41	36.65	0.72	0.16	7.94	396.83	MWD	
3/23/2012	7,810.00	5.50	33.10	5,575.29	384.23	383.91	38.23	1.33	1.25	5.00	399.78	MWD	
3/23/2012	7,842.00	5.50	36.20	5,607.14	387.04	386.43	39.98	0.93	0.00	9.69	402.85	MWD	
3/23/2012	7,873.00	5.90	36.20	5,637.99	389.82	388.91	41.80	1.29	1.29	0.00	405.93	MWD	
3/23/2012	7,905.00	5.90	36.20	5,669.82	392.79	391.57	43.74	0.00	0.00	0.00	409.22	MWD	
3/23/2012	7,937.00	6.00	38.50	5,701.65	395.76	394.20	45.75	0.81	0.31	7.19	412.53	MWD	
3/23/2012	7,968.00	6.00	40.10	5,732.48	398.61	396.71	47.80	0.54	0.00	5.16	415.77	MWD	
3/23/2012	8,000.00	6.20	40.40	5,764.30	401.57	399.30	50.00	0.63	0.63	0.94	419.17	MWD	
3/23/2012	8,031.00	6.20	37.60	5,795.12	404.52	401.91	52.11	0.98	0.00	-9.03	422.52	MWD	
3/23/2012	8,060.00	6.30	37.60	5,823.94	407.34	404.41	54.03	0.34	0.34	0.00	425.68	MWD	
3/23/2012	8,092.00	6.90	33.00	5,855.73	410.69	407.41	56.15	2.50	1.88	-14.38	429.35	MWD	
3/23/2012	8,124.00	7.70	29.90	5,887.47	414.50	410.88	58.27	2.79	2.50	-9.69	433.42	MWD	LEAM
3/23/2012	8,156.00	7.80	33.00	5,919.18	418.54	414.56	60.52	1.34	0.31	9.69	437.73	MWD	
3/23/2012	8,187.00	8.30	35.00	5,949.87	422.53	418.16	62.95	1.85	1.61	6.45	442.07	MWD	
3/23/2012	8,219.00	8.40	35.09	5,981.54	426.77	421.96	65.62	0.32	0.31	0.28	446.72	MWD	
3/23/2012	8,251.00	9.00	35.70	6,013.17	431.17	425.91	68.42	1.90	1.88	1.91	451.56	MWD	
3/23/2012	8,314.00	9.80	35.50	6,075.32	440.52	434.27	74.41	1.27	1.27	-0.32	461.85	MWD	
3/23/2012	8,345.00	10.30	35.30	6,105.84	445.44	438.68	77.54	1.62	1.61	-0.65	467.26	MWD	
3/23/2012	8,422.00	12.00	38.30	6,181.39	458.81	450.58	86.48	2.33	2.21	3.90	482.14	MWD	

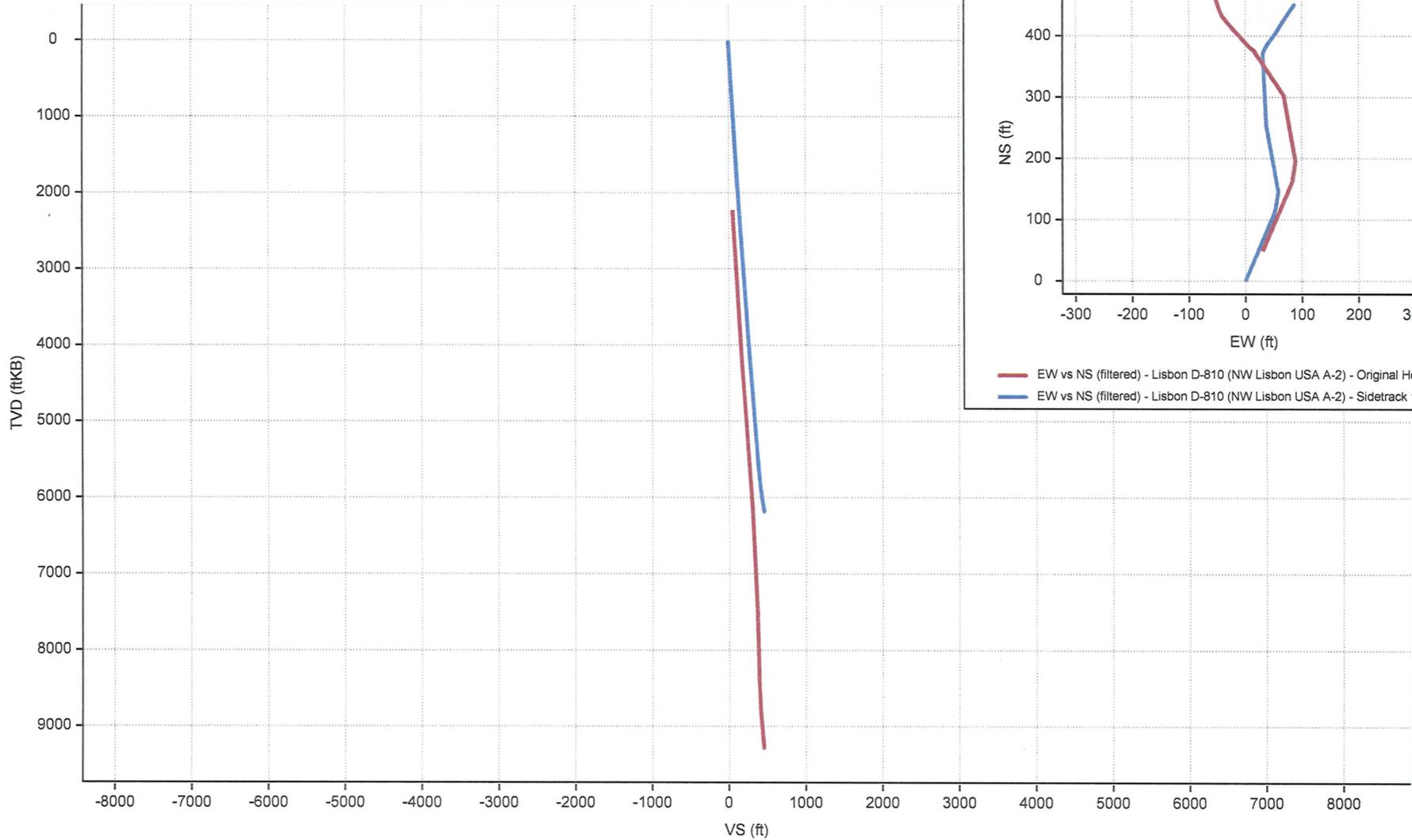


Directional Plot_Plan vs Actual

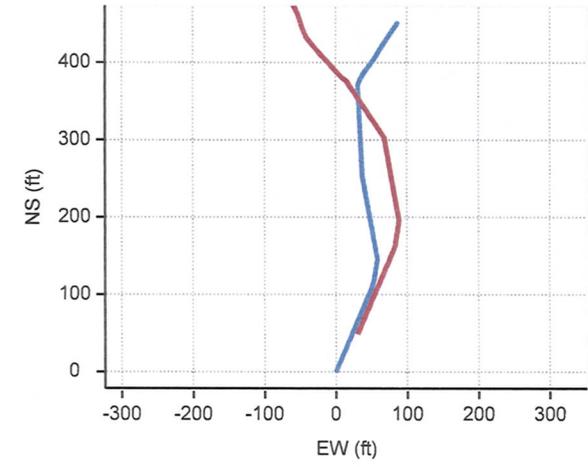
Well Name: Lisbon D-810 (NW Lisbon USA A-2)

API/UWI 43-037-16471	Surface Legal Location NESE Sec. 10 T30S R24E	License #	Well Configuration Type Deviated	Ground Elevation (ft) 6,631.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)
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Vertical Section



Plan



— EW vs NS (filtered) - Lisbon D-810 (NW Lisbon USA A-2) - Original Hole
 — EW vs NS (filtered) - Lisbon D-810 (NW Lisbon USA A-2) - Sidetrack 1

— VS vs TVD (filtered) - Lisbon D-810 (NW Lisbon USA A-2) - Original Hole — VS vs TVD (filtered) - Lisbon D-810 (NW Lisbon USA A-2) - Sidetrack 1

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
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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

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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 BY Rachel Medina

(See Instructions on Reverse Side)

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> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: <u>Multiple</u>
		9. API NUMBER: n/a
		10. FIELD AND POOL, OR WILDCAT: n/a
		COUNTY: <u>San Juan, UT</u>
		STATE: <u>UTAH</u>

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

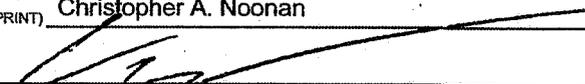
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT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

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

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

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

Bond Number:
BLM: 105865919
State: 105865922

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

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

RECEIVED

FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

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

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

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