



Flow Time	1st Min.	2nd Min.	Date	Ticket Number
3		30	6-23-62	312042 S
Closed In Press. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District
15		15	OPEN HOLE	CORTEZ
Pressure Readings	Field	Office Corrected	Tester	Witness
			BEAN	-PANEY
Depth Top Gauge	Ft.	Blanked Off	Drilling Contractor	
8912		no	LOFFLAND	
BT. P.R.D. No.	1st Min.	2nd Min.	Elevation	Top Packer
874		24	6425'	8921'
Initial Hydro Mud Pressure	1st Min.	2nd Min.	Total Depth	Bottom Packer
4820		4695	8965'	8925'
Initial Closed in Pres.	1st Min.	2nd Min.	Interval Tested	Formation Tested
2965		2967	8925-8965'	Miss.
Initial Flow Pres.	1st Min.	2nd Min.	Casing or Hole Size	Casing Perfs. Top Bot.
1750		1738	8 3/4"	
Final Flow Pres.	1st Min.	2nd Min.	Surface Choke	Bottom Choke
2450		2480	3/4"	3/4"
Final Closed in Pres.	1st Min.	2nd Min.	Size & Kind Drill Pipe	Drill Collars Above Tester
2965		2960	5 x H 19.50	2 1/2" x 810
Final Hydro Mud Pressure	1st Min.	2nd Min.	Mud Weight	Mud Viscosity
4820		4695	10	56
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	Anchor Size & Length
			143	ID 2 3/4" X OD 5 3/4" X 40
BT. P.R.D. No.	1st Min.	2nd Min.	Depths Mea. From	Depth of Tester Valve
			KB	8905' Ft.
Initial Hydro Mud Pres.	1st Min.	2nd Min.	Cushion	Depth Back Pres. Valve
			None	Ft.
Initial Closed in Pres.	1st Min.	2nd Min.	Recovered	Feet of Reversed out
Initial Flow Pres.	1st Min.	2nd Min.	Recovered	Feet of
Final Flow Pres.	1st Min.	2nd Min.	Recovered	Feet of
Final Closed in Pres.	1st Min.	2nd Min.	Recovered	Feet of
Final Hydro Mud Pres.	1st Min.	2nd Min.	Oil A.P.I. Gravity	Water Spec. Gravity
Depth Bot. Gauge	Ft.	Blanked Off	Gas Gravity	Surface Pressure
8962		no		psi
BT. P.R.D. No.	1st Min.	2nd Min.	Tool Opened	Tool Closed
812		12	7:20	8:23
Initial Hydro Mud Pres.	1st Min.	2nd Min.	Remarks	
4695		4701	*Unable to Read Opened with a good blow, for 3 min.	
Initial Closed in Pres.	1st Min.	2nd Min.	Remarks	
2980		2979	1st flow. Gas to surface in 2 mins. Mud to	
Initial Flow Pres.	1st Min.	2nd Min.	Remarks	
1710		1869	surface in 13 mins. Closed for 15 min.	
Final Flow Pres.	1st Min.	2nd Min.	Remarks	
2535		2514	ICIP. Reopened for 30 min. 2nd flow. Oil	
Final Closed in Pres.	1st Min.	2nd Min.	Remarks	
2980		2979	in 16 mins. Flowing (est.) 150 Bbl per hr.	
Final Hydro Mud Pres.	1st Min.	2nd Min.	Remarks	
4695		4701	350 PSI surface pressure on 3/4" choke. Est gas, 5 mcf. Closed for 15 min. FCIP.	

FORMATION TEST DATA

5

Legal Location Sec. - Twp. - King. 11-30S-21E

Lease Name LISBON UNIT

Well No. A 811

Test No. 1

Field Area N.W. LISBON

County SAN JUAN

State UTAH

Owner/Company Name THE PURE OIL COMPANY

Owner's District MOAB

Gauge No.		814		Depth		8912'		Clock		24 hour		Ticket No.		312012	
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure								
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.						
P <sub>0</sub>	Unable to Read	.000		*	.000	1738	.000		2480						
P <sub>1</sub>		.004		2964	.0184	1826	.0057		2943						
P <sub>2</sub>		.008		2966	.0368	1990	.0114		2951						
P <sub>3</sub>		.012		2966	.0552	2271	.0171		2956						
P <sub>4</sub>		.016		2967	.0736	2470	.0228		2957						
P <sub>5</sub>		.020		2967	.0920	2480	.0285		2957						
P <sub>6</sub>		.024		2967			.0342		2958						
P <sub>7</sub>		.028		2967			.0399		2958						
P <sub>8</sub>		.032		2967			.0456		2960						
P <sub>9</sub>		.036		2967			.0513		2960						
P <sub>10</sub>		.040		2967			.0570		2960						

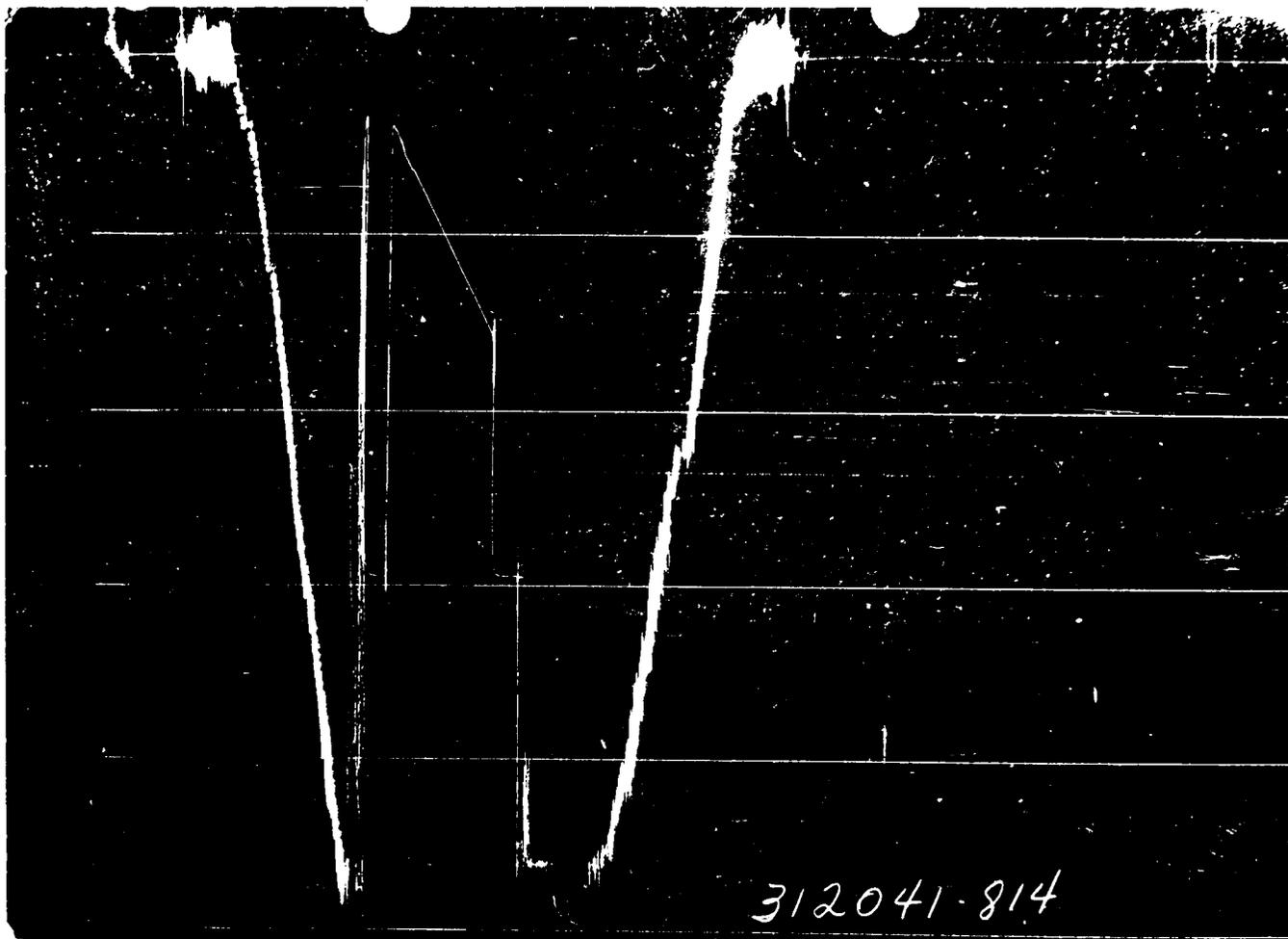
  

Gauge No.		812		Depth		8961'		Clock		12 hour	
P <sub>0</sub>	.000	1889	.000		1874	.000	1869	.000		2514	
P <sub>1</sub>	.007	1874	.0085		2923	.0382	1927	.0119		2947	
P <sub>2</sub>			.0170		2962	.0764	2077	.0238		2967	
P <sub>3</sub>			.0255		2971	.1146	2309	.0357		2973	
P <sub>4</sub>			.0340		2974	.1528	2495	.0476		2974	
P <sub>5</sub>			.0425		2976	.1910	2514	.0595		2976	
P <sub>6</sub>			.0510		2978			.0714		2976	
P <sub>7</sub>			.0595		2978			.0833		2978	
P <sub>8</sub>			.0680		2979			.0952		2978	
P <sub>9</sub>			.0765		2979			.1071		2979	
P <sub>10</sub>			.0850		2979			.1190		2979	
Reading Interval			1.5			6			1.5 Minutes		

REMARKS: \*Unable to read  
BT 812 measured from a corrected baseline.

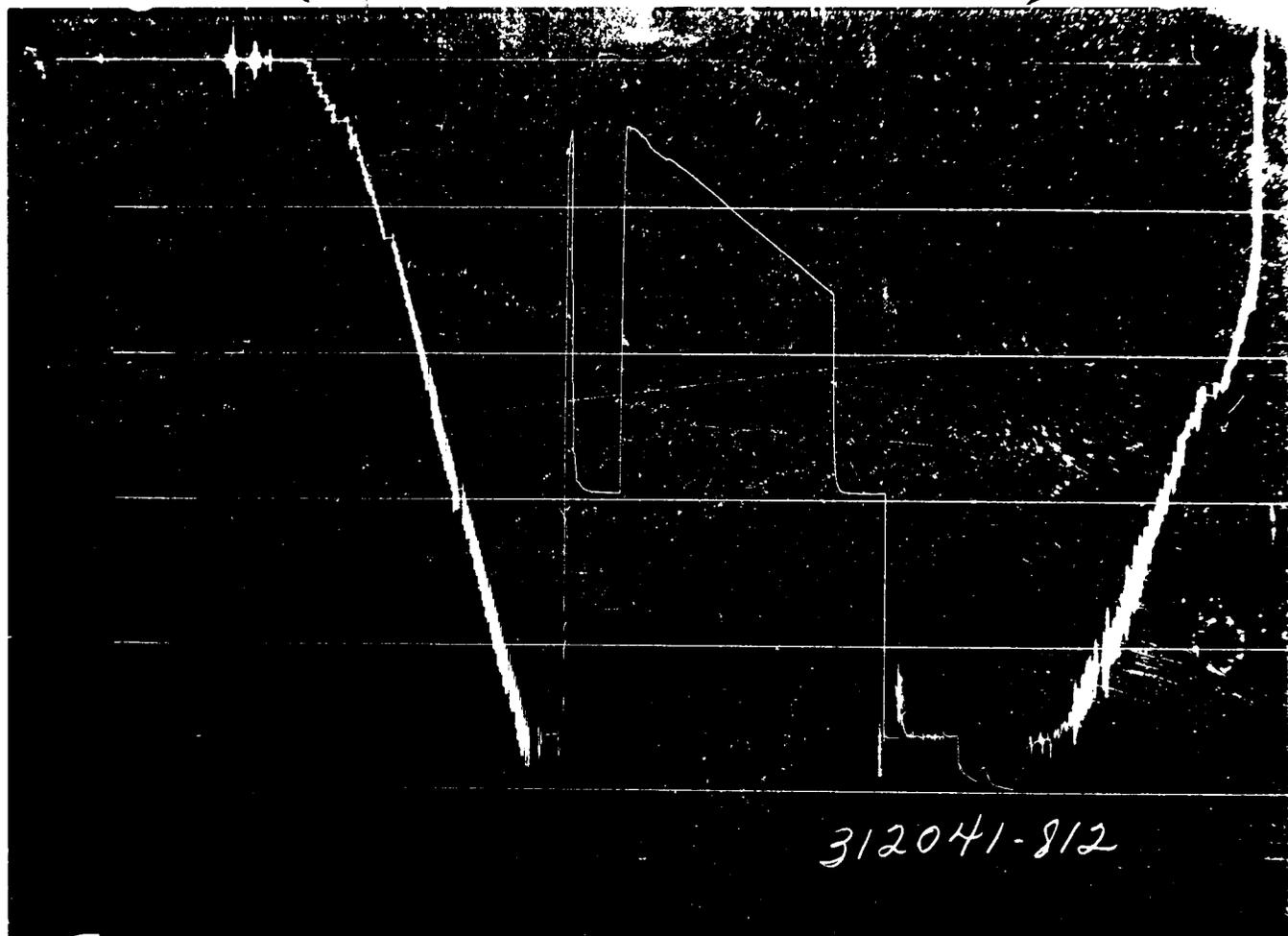
### SPECIAL PRESSURE DATA

↑  
PRESSURE



← TIME →

↓  
PRESSURE



Each horizontal line equal to 1000 p.s.i.

Flow Time	1st 3	Min.	2nd 120	Min.	Date	6-22-62	Ticket Number	312041 S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	Cortez
Pressure Readings	Field		Office Corrected		Tester	Bean	Witness	Jake
Depth Top Gauge	8870	Ft.	NO	Blanked Off	Drilling Contractor	Loffland Brothers		
BT. P.R.D. No.	814		24	Hour Clock	Elevation	6425'	Top Packer	8881'
Initial Hydro Mud Pressure	4620		4630		Total Depth	8925'	Bottom Packer	8885'
Initial Closed in Pres.	2990		2947		Interval Tested	8885'-8925'	Formation Tested	Mississippi
Initial Flow Pres.	-		1 416		Casing or Hole Size	8 3/4"	Casing Perfs. } Top	-
Final Flow Pres.	-		1 348		Surface Choke	3/4"	Bottom Choke	3/4"
Final Closed in Pres.	2950		2948		Size & Kind Drill Pipe	5" XH	Drill Collars Above Tester	2 1/2" x 810'
Final Hydro Mud Pressure	4590		4624		Mud Weight	9.8	Mud Viscosity	44
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	170	Anchor Size & Length	ID 2 3/4" x OD 5 3/4" 40'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	8865' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.			1		Recovered	180	Feet of Black oil & gas cut mud	
Final Flow Pres.			1		Recovered		Feet of with sulphur odor	
Final Closed in Pres.			2		Recovered		Feet of	
Final Hydro Mud Pres.					Recovered		Feet of	
Depth Bot. Gauge	8922	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	812		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	4625		4625		Tool Opened	5:00	Tool Closed	8:33 A.M. P.M.
Initial Closed in Pres.	2980		2954		Remarks Opened tool for 3 minute 1st flow. Closed tool for 30 minute initial closed in pressure.			
Initial Flow Pres.	-		1 542		Reopened tool for 120 minute 2nd flow with strong			
Final Flow Pres.	-		1 483		blow; gas to surface in 3 minutes. Increased to 1 1/4			
Final Closed in Pres.	2980		2950		mcf in 15 minutes and then decreased gradually.			
Final Hydro Mud Pres.	4625		4625		Closed tool for 30 minute FCIP. Reversed out 75 bbls.			

FORMATION TEST DATA light green oil.

5

LISBON UNIT  
 Lease Name  
 SEC. 11 - 30S - 21E  
 Well No. 811  
 Test No. 3  
 FIELD AREA LISBON  
 COUNTY SAN JUAN  
 STATE UTAH  
 OWNER'S DISTRICT MOAB

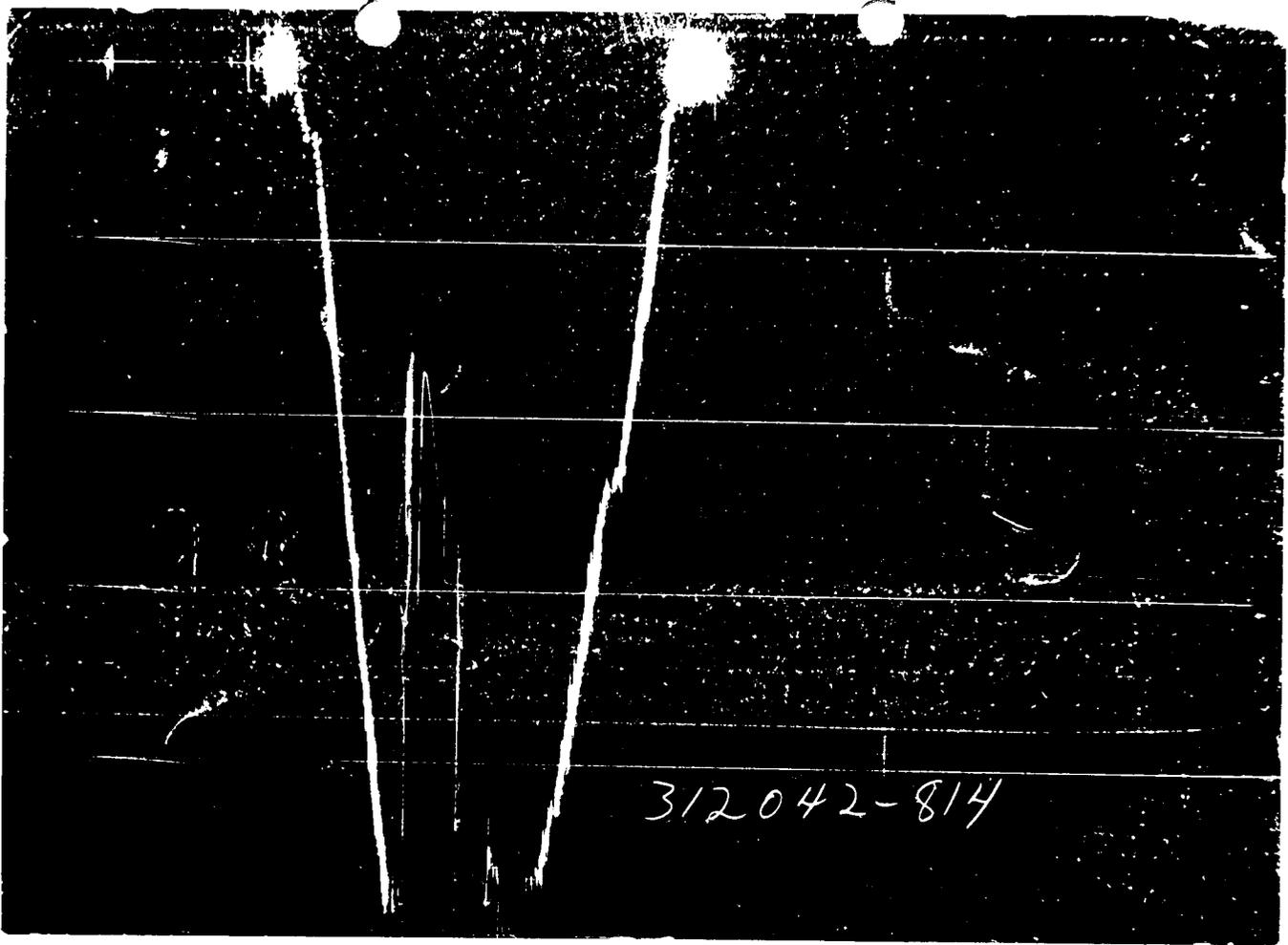
PINE OIL COMPANY  
 Lease Owner/Company Name

Field Area LISBON  
 County SAN JUAN  
 State UTAH

Gauge No. 814		Depth 8870'		Clock 24 hour		Ticket No. 312041				
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	416	.000		348	.000	395	.000		1579
P <sub>1</sub>	.008	348	.0083		2918	.0519	570	.010		2930
P <sub>2</sub>			.0166		2934	.1038	700	.020		2941
P <sub>3</sub>			.0249		2940	.1557	845	.030		2945
P <sub>4</sub>			.0332		2944	.2076	994	.040		2947
P <sub>5</sub>			.0415		2945	.2595	1141	.050		2947
P <sub>6</sub>			.0498		2947	.3114	1288	.060		2948
P <sub>7</sub>			.0581		2947	.3633	1435	.070		2948
P <sub>8</sub>			.0664		2947	.4150	1579	.080		2948
P <sub>9</sub>			.0747		2947			.090		2948
P <sub>10</sub>			.0830		2947			.100		2948
Gauge No. 812		Depth 8922'		Clock 12 hour						
P <sub>0</sub>	.000	542	.000		483	.000	453	.000		1591
P <sub>1</sub>	.008	483	.0198		2803	.1049	610	.0216		2896
P <sub>2</sub>			.0396		2909	.2098	720	.0432		2942
P <sub>3</sub>			.0594		2935	.3147	856	.0648		2947
P <sub>4</sub>			.0792		2945	.4196	1003	.0864		2950
P <sub>5</sub>			.0990		2950	.5245	1154	.1080		2950
P <sub>6</sub>			.1188		2952	.6294	1298	.1296		2950
P <sub>7</sub>			.1386		2954	.7343	1443	.1512		2950
P <sub>8</sub>			.1584		2954	.8390	1591	.1728		2950
P <sub>9</sub>			.1782		2954			.1944		2950
P <sub>10</sub>			.1980		2954			.2160		2950
Reading Interval			3			15		3 Minutes		
REMARKS:										

SPECIAL PRESSURE DATA

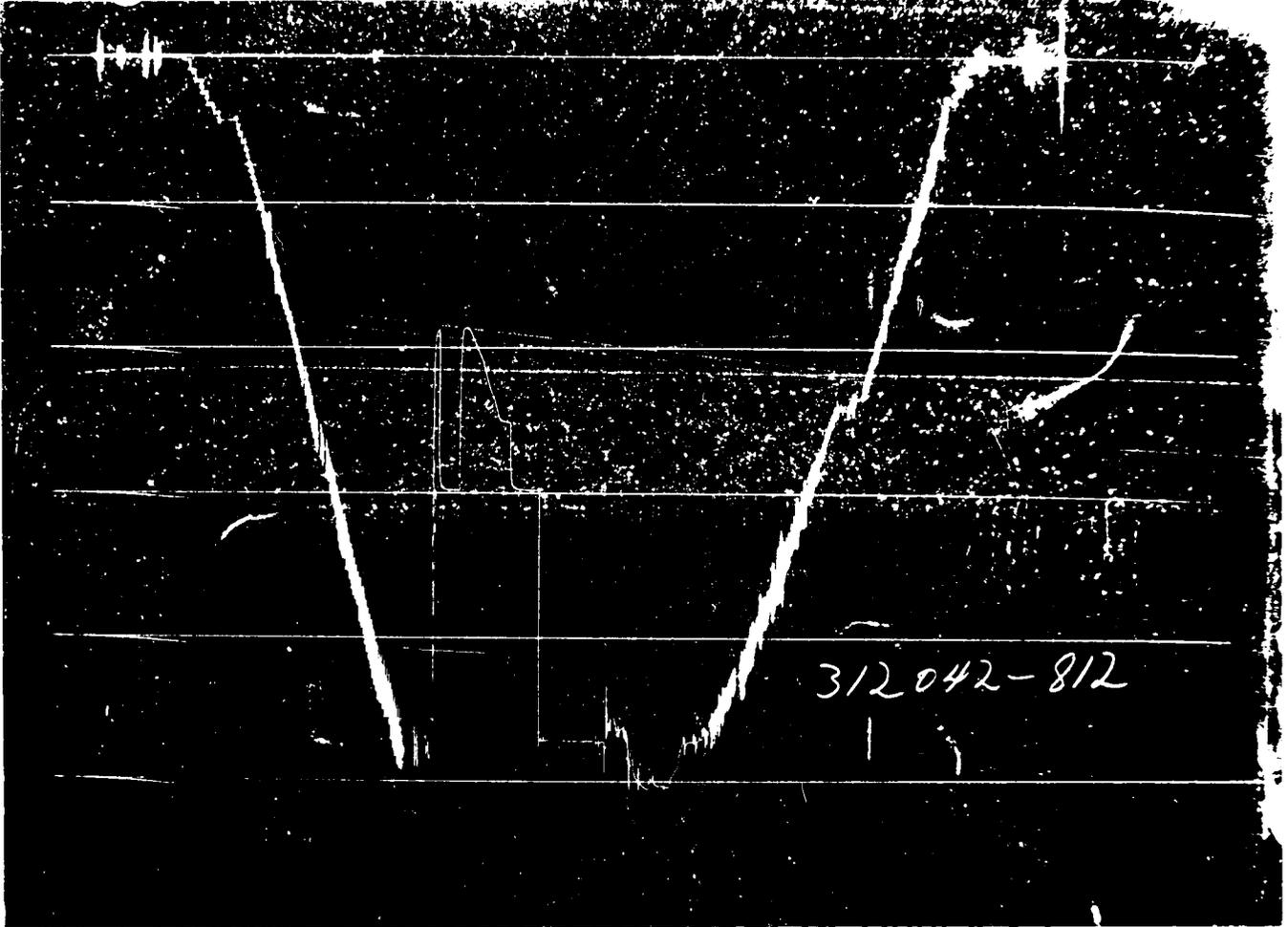
PRESSURE



312042-814

TIME

PRESSURE



312042-812

Each horizontal line equal to 1000 p.s.i.

Flow Time	1st 5	Min.	2nd 60	Min.	Date	6-20-62	Ticket Number	189525	3
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	Cortez	
Pressure Readings	Field		Office Corrected		Tester	Bean	Witness	Pauey	
Depth Top Gauge	8707	Ft.	NO	Blanked Off	Drilling Contractor	Loffland			
BT. P.R.D. No.	814		24	Hour Clock	Elevation	6425'	Top Packer	8821'	
Initial Hydro Mud Pressure	4635		4575		Total Depth	8885'	Bottom Packer	8825'	
Initial Closed in Pres.	2895		2888		Interval Tested	8825'-8885'	Formation Tested	Mississippi	
Initial Flow Pres.	140		105		Casing or Hole Size	8 3/4"	Casing Perfs.	Top	-
			133					Bot.	-
Final Flow Pres.	255		99		Surface Choke	1"	Bottom Choke	3/4"	
Final Closed in Pres.	2780		2774		Size & Kind Drill Pipe	5" XH	Drill Collars Above Tester	2 1/2" x 810'	
Final Hydro Mud Pressure	4635		4569		Mud Weight	9.9	Mud Viscosity	50	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	138	Anchor Size & Length	2 3/4" ID 5 3/4" OD	30'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	8805'	Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	-	Ft.
Initial Closed in Pres.					Cushion	-			
Initial Flow Pres.			1		Recovered	60	Feet of Black oil & gas cut		Meas. from Tester Valve
Final Flow Pres.			2		Recovered		Feet of drilling fluid with		
Final Closed in Pres.			1		Recovered		Feet of sulphur odor		
Final Hydro Mud Pres.			2		Recovered		Feet of		
Depth Bot. Gauge	8882	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-	
BT. P.R.D. No.	812		12	Hour Clock	Gas Gravity	-	Surface Pressure	-	psi
Initial Hydro Mud Pres.	4625		4619		Tool Opened	5:55	A.M. Tool Closed	8:00	A.M. P.M.
Initial Closed in Pres.	2910		2916		Remarks	Opened tool for 5 minute 1st flow. Closed tool for 30 minute initial closed in pressure.			
Initial Flow Pres.	170		159			Reopened tool for 60 minute 2nd flow with strong blow; gas to surface in 11 minutes and increased to an estimated 1/4 million at end of test. Closed tool for 30 minute final closed in pressure.			
Final Flow Pres.	290		137						
Final Closed in Pres.	2805		2795						
Final Hydro Mud Pres.	4625		4588						

Location Sec. 11 - 30S - 21E  
 Lease Name  
 A-811  
 Well No. 2  
 Test No.  
 Field Area  
 County -  
 PURE OIL COMPANY  
 Lease Owner/Company Name  
 State  
 Owner's District

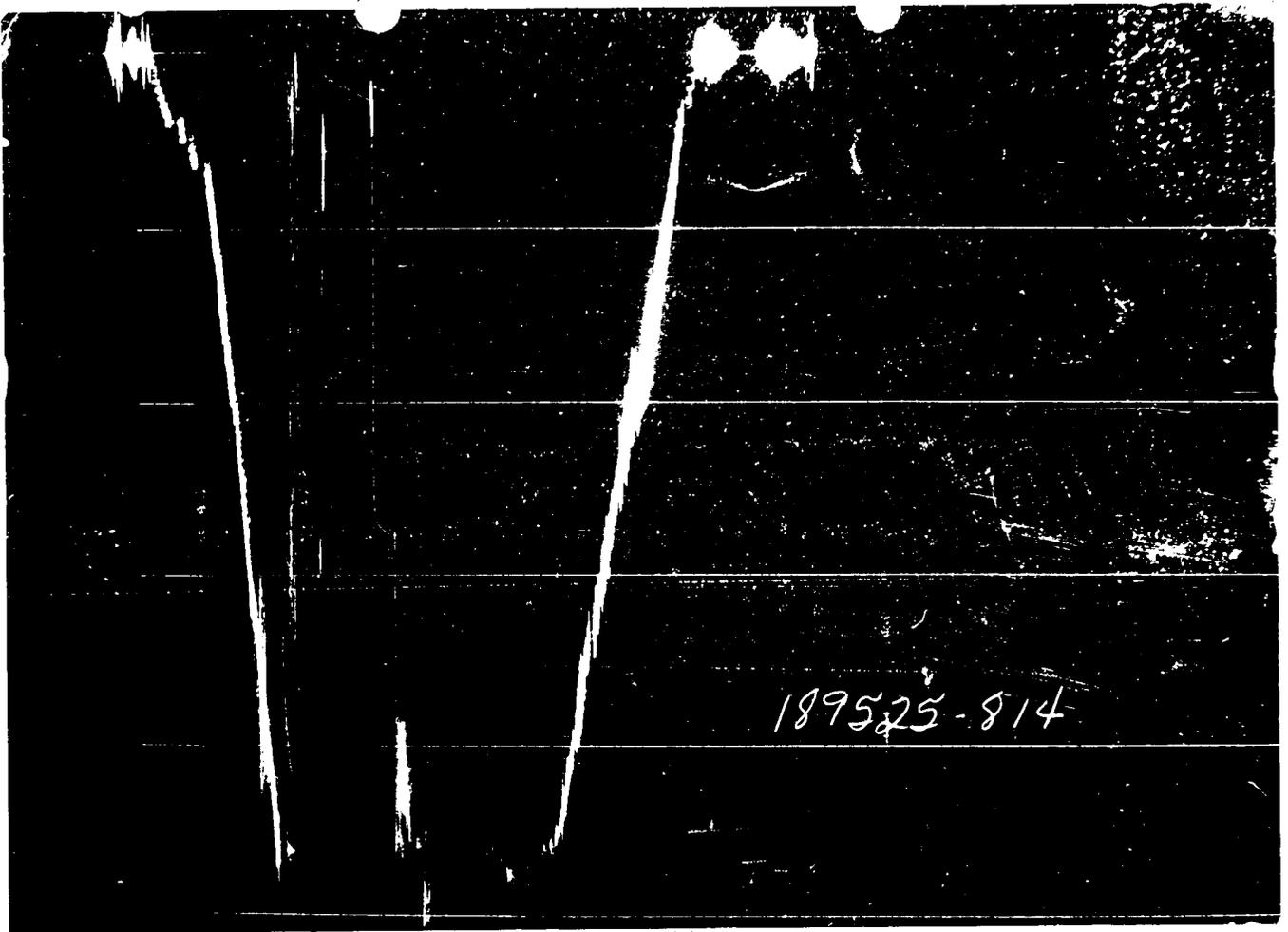
FORMATION TEST DATA

5

Gauge No. 814		Depth 8707'			Clock 24 hour		Ticket No. 189525			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	105	.000		99	.000	133	.000		276
P <sub>1</sub>	.015	99	.009		2844	.049	180	.0092		2606
P <sub>2</sub>			.018		2847	.098	205	.0184		2685
P <sub>3</sub>			.027		2870	.147	244	.0276		2715
P <sub>4</sub>			.036		2877	.196	276	.0368		2732
P <sub>5</sub>			.045		2881			.0460		2744
P <sub>6</sub>			.054		2883			.0552		2752
P <sub>7</sub>			.063		2884			.0644		2759
P <sub>8</sub>			.072		2887			.0736		2765
P <sub>9</sub>			.081		2887			.0828		2769
P <sub>10</sub>			.090		2888			.0920		2774
Gauge No. 812		Depth 8882'			Clock 12 hour					
P <sub>0</sub>	.000	159	.000		137	.000	163	.000		303
P <sub>1</sub>	.028	137	.0212		1218	.101	208	.021		1713
P <sub>2</sub>			.0424		2604	.202	234	.042		2627
P <sub>3</sub>			.0636		2860	.303	268	.063		2702
P <sub>4</sub>			.0848		2890	.404	303	.084		2736
P <sub>5</sub>			.1060		2904			.105		2753
P <sub>6</sub>			.1272		2911			.126		2765
P <sub>7</sub>			.1484		2914			.147		2776
P <sub>8</sub>			.1696		2916			.168		2783
P <sub>9</sub>			.1908		2916			.189		2789
P <sub>10</sub>			.2120		2916			.210		2795
Reading Interval		3			15		3			Minutes
REMARKS:										

**SPECIAL PRESSURE DATA**

↑  
PRESSURE  
↓



← TIME →

↑  
PRESSURE  
↓



189525-812

**THE PURE OIL COMPANY**  
**LOCATION REPORT**

A.F.E. No. 4586

Date April 27, 1962

Northwest Lisbon  
Four Corners

Lease U.S.A. (SL 070008-A)

Division Northern Producing  
5,878.76 Participating Area  
Acres 20,941.92 Unit Area

Prospect District 8359

Elevation 6413 Ung. Cr. Well No. A814 (Serial No. \_\_\_\_\_)

Quadrangle NW 1/4 SW 1/4 Sec. 14 Twp. 30 S Rge. 24 E Blk. Dist. Twp.

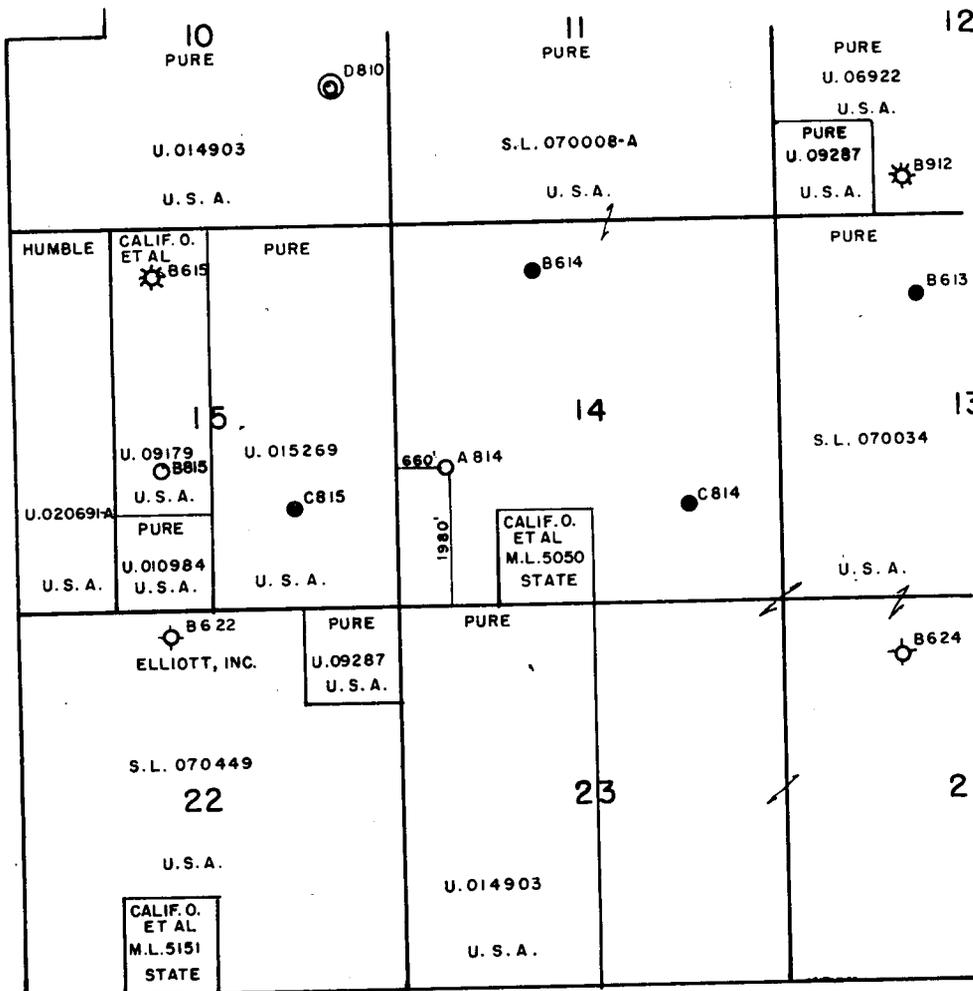
Survey Salt Lake Meridian County San Juan State Utah

Operator The Pure Oil Company Map \_\_\_\_\_

1980 Feet North of the South line of Section  
660 Feet East of the West line of Section  
Feet \_\_\_\_\_ of the \_\_\_\_\_ line of \_\_\_\_\_  
Feet \_\_\_\_\_ of the \_\_\_\_\_ line of \_\_\_\_\_

**LEGEND**

- Location
- ☼ Gas Well
- Oil Well
- ☼ Gas—Distillate Well
- ∅ or ○ Dry Hole
- ⊗ Abandoned Location
- ☼ or ☼ Abandoned Gas Well
- or ● Abandoned Oil Well
- or ○ Input Well



Remarks: \_\_\_\_\_

Submitted by *R. J. ...* Civil Engineer

Approved by \_\_\_\_\_ Division Manager

Approved by \_\_\_\_\_ Vice-President—General Manager

**THE PURE OIL COMPANY**

**LOCATION REPORT**

Northwest Lisbon

Four Corners

A.F.E. No. 4586

Date April 27, 1962

Division Northern Producing

Prospect District

Lease U.S.A. (SL 070008-A)

5,878.76 Participating Area

Lisbon Unit

20,941.92 Unit Area

Lease No. 8359

Elevation 6413 Ung. Cr.

Well No. A814

(Serial No. \_\_\_\_\_)

Quadrangle NW 1/4 SW 1/4

Sec. 14

Twp. 30 S

Rge. 24 E

Bk. Dist. Twp.

Survey Salt Lake Meridian

County San Juan

State Utah

Operator The Pure Oil Company

Map

1980 Feet North of the South line of Section

660 Feet East of the West line of Section

Feet of the line of

Feet of the line of

**LEGEND**

○ Location

☀ Gas Well

● Oil Well

☀ Gas—Distillate Well

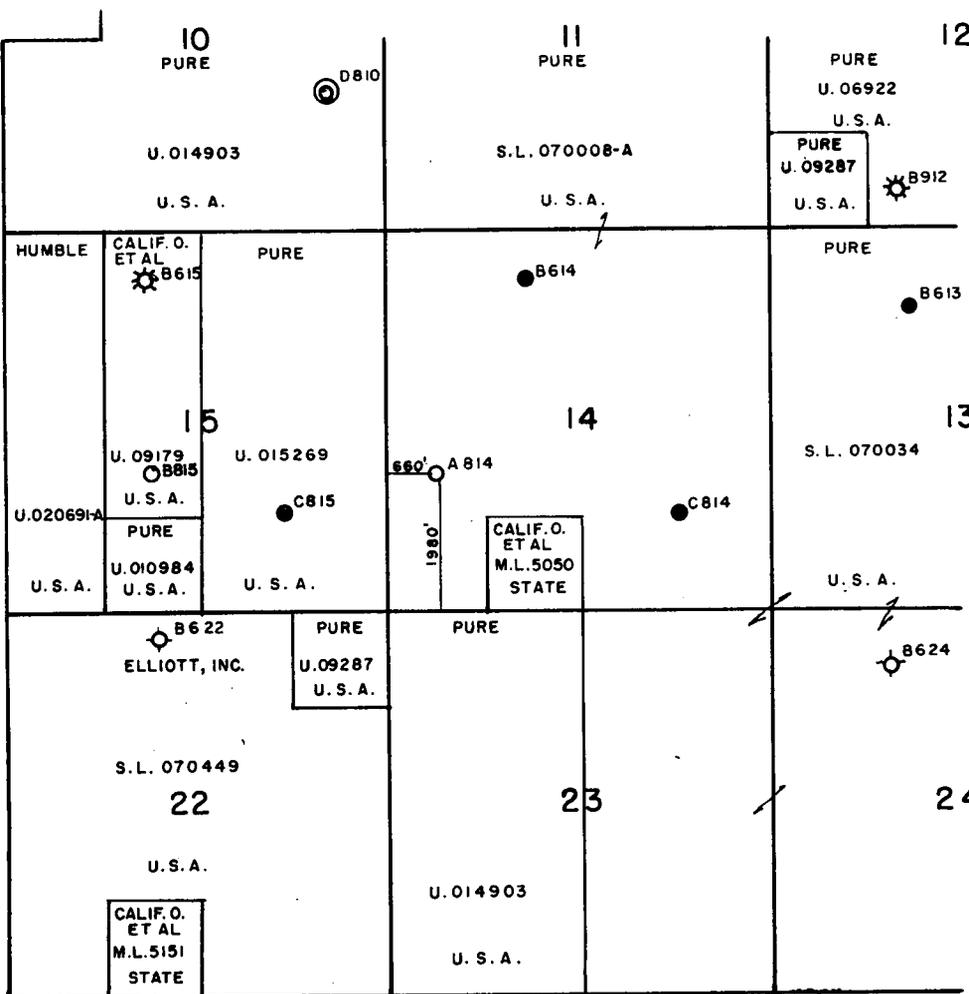
○ or ○ Dry Hole

○ Abandoned Location

☀ or ☀ Abandoned Gas Well

● or ● Abandoned Oil Well

● or ○ Input Well



Remarks: \_\_\_\_\_

Submitted by *R. L. ...* Civil Engineer

Approved by \_\_\_\_\_ Division Manager

Approved by \_\_\_\_\_ Vice-President—General Manager

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-2022A  
Lead Office Salt Lake City  
Lease Number SL 070008-A  
Unit Lisbon

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 62

Agent's address P. O. Box 265 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

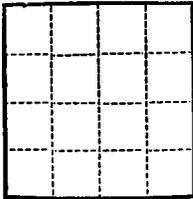
Phone Alpine 3-3581 Agent's title Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu.Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C NW SW Sec. 14 Lisbon Unit	30S	24E	A614	-0-	-0-					Location: 1980' FSL & 660' FWL. Elevations: Ground 6114', <del>shot</del> KB 6125'.  Set 20" OD conductor pipe at 10' ground level measurement with 5 yards ready mix concrete, work done by Contract Roustabouts.  Spudded 11:00 p.m. 5-23-62. Drilled to 975'. Set 10-3/4" OD casing at 975' with 400 sz 50-50 Pozmix, followed with 140 sz regular cement. Drilled from 975' to 2541'.

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.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake

Lease No. SL 070006-A

Unit Lisbon Unit

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.....		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.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

May 4, 1962

Lisbon Unit  
Well No. A-814 is located 1980 ft. from N line and 660 ft. from W line of sec. 14

C NW SW Sec. 14 308 24E S.L.B. & M.  
(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 \_\_\_\_\_ ft. Elevations will be furnished later.

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)

Proposed Casing Program

- 35' - 20" OD Conductor (Cemented to surface)
- 1,000' - 10-3/4" OD Surface Casing (Cemented to surface)
- 9,200' - 5-1/2" OD Production String (Cemented with sufficient cement to meet conditions encountered)

Objective Pay: Mississippian Formation

Estimated Total Depth: 9,200'

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 J. B. Strong  
J. B. Strong  
District Chief Clerk

Copy H. L. C.

Form approved  
Budget Bureau No. G-2385A  
Land Office Salt Lake City  
Lease Number SL 070008-A  
Unit Lisbon Unit

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 62

Agent's address P. O. Box 265 Company THE PURE OIL COMPANY  
Moab, Utah Signed J. B. Strong  
Phone Alpine 3-3581 Agent's title Senior District Clerk

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In 'Thous.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
C NW SW Sec. 14 Lisbon Unit	30S	24E	A814	-0-	-0-					Drilled from 2541' to 9015' TD. Drilling completed 6-23-62. DST No. 1 - 8784' - 8885' - Misrun. DST No. 2 - 8824' - 8885'. DST No. 3 - 8885' - 8925'. DST No. 4 - 8925' - 8965'. Ran electric logs to TD. Set 281 jts. of 5-1/2" OD 17# 8 Rd. Thd. Gr. J-55 R-2 casing with IT&C with HOWCO float shoe, float collar, differential tool collar and DV tool at 8694', at 9015' KB. Cemented in two stages. First stage with 125 sax 50-50 Pozmix with 2% gel, 9/10 gal. Latex and 1/4# Flocele and 1# Tufplug per sack. Second stage with 2300 sax 50-50 Pozmix, salt saturated, with 6% gel. Job complete at 4:30 a.m. 6-27-62. Ran tubing and bit. Tagged plug at 8686'. Drilled cement and plug thru DV tool to 8695'. Found no cement from 8695' to 8984' - to top of differential collar. Ran Gamma Ray Neutron Correlation log and cement bond log. Log indicated bonding and possibly not much cement around bottom part of casing from 8720' to TD. Good bonding and cement from 1800' to 8720'. Perforated casing with 4 holes at 8978'. Set HOWCO DM squeeze retainer at 8970' and squeezed 70 sax of cement to a pressure of 3500# thru perforations at 8978'. Now W.O.C. - Incomplete.

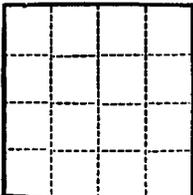
Note—There were No runs or sales of oil; No M cu. ft. of gas sold;

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.

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake  
Lease No. SL 070000-A  
Unit Lisbon Unit



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
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 4, 1962

Lisbon Unit

Well No. A-814 is located 1900 ft. from NS line and 660 ft. from EW line of sec. 14

0 NW SW Sec. 14 30S 24E S.L.B. & M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the ~~surface~~ ground above sea level is 6414 ft. KB will be furnished later.

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)

On 5-14-62 Flint Rig Co. roundabouts set 20' of 20" OD conductor pipe at 10' ground level measurement and cemented with 5 yards of ready mix concrete.

Spudded at 11:00 p.m. 5-23-62. Drilled to 975'. Set 31 jts. of 10-3/4" OD 40-50 J-55 casing at 975' with 400 sax 50-50 Pozmix with 1/2 gal, 1/4" Floccs and 1/4" Tufflug per sack, followed with 140 sax regular cement with 2% calcium chloride. Plug down at 10:15 p.m. 5-26-62. Good returns on cement.

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

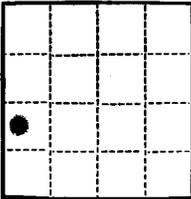
Address P. O. Box 265  
Heab, Utah  
Alpine 3-3581

By J. B. Strong  
Title District Chief Clerk

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake  
Lease No. SL 070008-A  
Unit Lisbon



Sec. 14

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.....	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....			

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

June 21, 1962

Lisbon Unit

Well No. A-514 is located 2980 ft. from S line and 660 ft. from E line of sec. 14

0 NW SW Sec. 14 30N 24E S.L.B. & N.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Lisbon San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> above sea level is 6214 ft.  
~~is elevation~~ <sup>is elevation</sup> 625  
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)

6-20-62 (TD 8005')

DWY No. 1, 570h' - 8005' - MLoran

DWY No. 2, 800h' - 8005' - (61'), Tool open one hour. Good blow throughout test. Gas in eleven minutes, estimated 300 MCFD. No fluid to surface. Recovered 60' of highly oil & gas cut drilling fluid below circulating sub which was set 150' above test tool.

Pressure: IH 4625#, 30 min. ICH 2910#, IF 170#, FF 290#, 30 min. FCH 2800#, FN 4625#. NEER

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

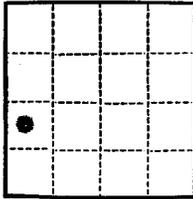
Company THE PURE OIL COMPANY  
Address P. O. Box 265  
Heab, Utah  
Alpine 3-3561

By [Signature]  
L. K. Gamm  
Office Manager  
Title \_\_\_\_\_

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake  
Lease No. SL 070008-A  
Unit Lisbon

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Sec. 14

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 24, 1962

Lisbon Unit

Well No. A-814 is located 1980 ft. from N line and 660 ft. from W line of sec. 14

6 NW SW Sec. 14  
( $\frac{3}{4}$  Sec. and Sec. No.)

308 24E  
(Twp.) (Range)

S.L.B. & N.  
(Meridian)

Lisbon  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> above sea level is 6114 ft.  
KB elevation 6123'

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)

6-22-62 - DWT #3, 8895' - 8925', (40'): Tool open 2 hours. Gas to surface in 3 minutes, estimated 750 MCF. No fluid to surface. Recovered out of drill pipe 8000 feet of fluid, mostly oil with some drilling mud. Pressures: IH 4625#, ICI 2900# 30 min, IF 450#, FF 1610#, FCI 2980 30 min, FH 4625#.

6-23-62 - DWT #4, 8925' - 8965', (40'): Tool open 30 minutes. Strong blow gas to surface in 2 minutes. Flowed oil in 16 minutes, flowed to pit for 12 minutes. Recovered out full column of oil & gas. Pressures: IH 4695#, ICI 2980 30 min, IF 1710#, FF 2535#, FCI 2980, FH 4695# - Temp. 143 Deg.

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. K. Cogges  
Office Manager  
Title \_\_\_\_\_



Form approved  
Budget Bureau No. 42-23282

Land Office Salt Lake City

Lease Number See Below

Unit Lisbon Unit

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field Lisbon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu.Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS	
										(If drilling depth; if shut down cause; date and result of test for gasoline content of gas)	
LEASE NO. <u>G70008-A</u>										<u>METHOD</u>	<u>GOR</u>
NE NW Sec. 14 Lisbon Unit	30S	24E	B61 1/4	-0-	-0- 1,003	-	-0- 27,211	-	None -0-	TSI	---
NE SE Sec. 14 Lisbon Unit	30S	24E	C81 1/4	2	52 1/4 82,631	52.8	576 99,73 1/4	-	176 10,562	F	1,100
C NW SW Sec. 14 Lisbon Unit	30S	24E	A81 1/4	20	22,871 22,871	53.0	40,825 40,825	-	None -0-	F	1,785
										Ran second cement log. Schlumberger perforated with 1/4 shots per foot from 8862' to 8872' and 889 1/4' to 8930'. Ran tubing and packer. Packer set at 8828'. Acidized with 3000 gals. low tension non-emulsifying acid thru perforations. Maximum pressure 2700#. Well on vacuum at end of treatment. Swabbed well in and cleaned to burn pit. Shut well in at 6:00 a.m. 7-3-62. Rig released 6:00 a.m. (Continued on next page)	

Note—There were See Page 1 runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-20011  
Land Office Salt Lake City  
Lease Number See Below  
Unit Lisbon Unit

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County San Juan Field Lisbon Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY  
Moab, Utah Signed [Signature]  
Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu.Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS	
										METHOD	GOR
LEASE NO. 070000-A											
C NW SW Sec. 14 Lisbon Unit	30S	24E	A814								(If drilling depth; if shut down; cause; date and result of test for gasoline content of gas)
			A814 - Continued								7-3-62. IP for records; 7-12-62: Flored at daily rate of 1,037 bbls. oil thru 30/64" choke with TP of 950# and back pressure on separator of 700# with GOR of 2400 to 1, gravity 53.0, at a stable rate on 4 hour test.
LEASE NO. 070149											
NE NW Sec. 9 Lisbon Unit	30S	24E	B69	28	2,525 66,771	50.5	1,894 132,031	-	6,860 132,601	F	750
LEASE NO. U-06922											
SE SW Sec. 12 Lisbon Unit	30S	24E	B912	9	6,896 119,441	52.1	16,964 328,028	-	None 38	F	2,460

Note—There were See Page 1 runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

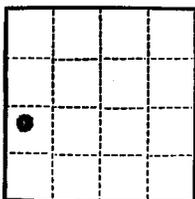
\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake**  
Lease No. **SL 070000-A**  
Unit **Lisbon**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Sec. 14

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 5, 1962

Lisbon Unit  
Well No. **A-614** is located **1900** ft. from **SK** line and **660** ft. from **EW** line of sec. **14**  
**G NW SW Sec. 14** **308** **24E** **S.L. B. & M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Lisbon** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derreck~~ <sup>ground</sup> above sea level is **6414** ft. KB elevation **6425'**.

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**

**Alpine 3-3581**

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

SUNDRY NOTICES AND REPORTS ON WELLS

Lisbon Unit A-814  
1980' FSL and 660' FWL  
Sec. 14, 30S, 24E  
San Juan County, Utah

July 5, 1962

9015' TD. 8979' PBTB

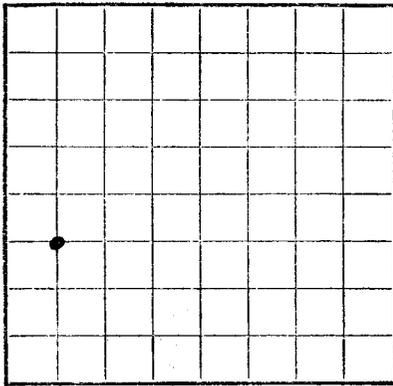
Picked up tubing. Went in hole with 4-3/4" bit, 5-1/2" casing scraper and 2-1/2" tubing. Tagged plug at 8686'. Started drillout at 5:00 a.m. 6-29-62. Drilled cement and plug through DV collar to 8695'. Found no cement from 8695' to 8984', to top of differential collar. Ran Gamma ray neutron correlation log and cement bond log. Log indicated poor bonding and possibly not much cement around bottom part of casing from 8720' to TD, and good bonding and cement from 1800' to 8720'. Perforated casing with 4 holes at 8978'. Set Halliburton DM squeeze retainer at 8970' and squeezed 70 sax of cement to a pressure of 3500# through perforations at 8978'.

7-1-62 Ran second cement bond log. Schlumberger perforated with 4 shots per foot from 8862' to 8872' and 8894' to 8930'. Ran Baker Model "R" packer with slotted and orange peeled tail pipe on bottom. 290 jts. of tubing above packer. Total assembly in hole 8,891.87'. Top of packer at 8828.07'. Dowell acidized with 3000 gals. low tension non-emulsifying acid through perforations. Formation broke at 2700#. Pumped acid into formation at rate of 4 to 6 bbls. per minute. Maximum pressure 2700#. Well on vacuum at end of treatment. Swabbed well in and cleaned to burn pit. Well flowed 5 hrs. on 32/64" choke with 800# tubing pressure and 4 hrs. on 24/64" choke with 925# tubing pressure. Shut well in at 6:00 a.m. 7-3-62. Tubing pressure immediately increased to 1000#. Rig released at 6:00 a.m. 7-3-62. Well now shut in. Shut in tubing pressure 1175#.

W

Form 9-330

U. S. LAND OFFICE Salt Lake  
SERIAL NUMBER SL 070008-A  
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 1338 - Moab, Utah  
Lessor or Tract U. S. Government Field Lisbon Unit State Utah  
Lisbon Unit Well No. A814 Sec. 14 T. 30S R. 24E Meridian S.L.B. & M. County San Juan  
Location 1980 ft. <sup>[N.]</sup><sub>[IX]</sub> of S Line and 660 ft. <sup>[E.]</sup><sub>[IX]</sub> of W Line of C-NW-SW, Sec. 14 Elevation 6,825 (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] Title Office Manager

Date August 6, 1962

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

Commenced drilling May 23, 1962 Finished drilling June 23, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8862' to 8872' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 8894' to 8930' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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"	94	8-V	SS	10'	Coupling				Cemented to surface.
10-3/4"	105	8-R	SS	975'	Float				
5-1/2"	177	8-R	SS	9015'	Float		8862 (8894)	8872 8930	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	10'	5 yds Ready Mix	By Roustabouts.		
10-3/4"	975'	540 sx	Halliburton		
5-1/2"	9015'	2495 sx	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

FOLD MARK

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

**TOOLS USED**

Rotary tools were used from zero feet to 9015 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

July 12, 1962 Put to producing July 12, 1962

The production for the first 24 hours was 1037 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 53.0

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

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
2256'	2256'	2256'	Sand and shale
3140'	3140'	1184'	Sand.
3682'	3682'	222'	Sand and shale.
3914'	3914'	282'	Sand and anhydrite.
4156'	4156'	212'	Shale.
8120'	8120'	3964'	Salt.
8681'	8681'	561'	Salt and shale.
8765'	8765'	84'	Shale and limestone.
8814'	8814'	49'	Shale, limestone and chert.
2015'	2015'	201'	Lime.
		<b>9015'</b>	<b>TOTAL DEPTH</b>

FORMATION RECORD - CONTINUED

16-48094-4

FILED COPY

REVENUE OF BUREAU OF REVENUE  
 GENERAL INVESTMENT DIVISION  
 10000000-1

2961 2 306

**FORMATION RECORD—Continued**

FROM—	TO—	TOTAL FEET	FORMATION
DST No. 1, 8784' - 8885', misrun.			
DST No. 2, 8824' - 8885'. Tool open one hour, good blow throughout test. Gas to surface in 11 minutes, estimated 300 MCFD, no fluid to surface. Reversed out highly oil and gas cut drilling fluid. Recovered 60' of highly oil and gas cut drilling fluid below circulating sub which was set 150' above test tool. Pressures: IH 4625, 30 minute ICI 2910, IF 170, FF 290, 30 minute FCI 2809, FH 4625.			
DST No. 3, 8885' - 8925'. Tool open two hours. Gas to surface in 3 minutes, estimated 750 MCF, no fluid to surface. Reversed out of drill pipe 8000 feet of fluid, mostly oil with some drilling mud. Pressures: IH 4625, 30 minute ICI 2980, IF 450, FF 1610, 30 minute FCI 2980, FH 4625.			
DST No. 4, 8925' - 8965'. Tool open 30 minutes. Strong blow of gas to surface in two minutes. Flowed oil in 16 minutes, flowed to pit for 12 minutes. Recovered out full column of oil and gas. Pressures: IH 4695, 30 minute ICI 2980, IF 1710, FF 2535, 30 minute FCI 2980, FH 4695. Bottom hole temperature 143°.			
Dowell acidized through perforations 8862' - 8872' and 8894' - 8930' with 3000 gallons low tension non-emulsifying acid. Formation broke at 2700 lbs. Pumped acid into formation at rate of four to six barrels per minute. Maximum pump in pressure 2700 lbs. Well on vacuum at end of treatment. Swabbed well in and cleaned to burn pit. Shut well in after well cleaned up. Well shut in 7 days for production hookup. Opened well for I.P. for Record July 12, 1962 and put well on production.			
<b>LOG TOPS</b>			
Paradox	4014'	(-2411)	
Salt Top	4340'	(-2085)	
Salt Base	8666'	(-2241)	
Molas	8774'	(-2349)	
Mississippian	8805'	(-2381)	
Log TD	9020'		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>Lisbon Unit</b>	
2. NAME OF OPERATOR <b>THE PURE OIL COMPANY</b>		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming</b>		9. WELL NO. <b>Lisbon Unit A-814</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' FSL and 660' FWL, C NW SW</b>		10. FIELD AND POOL, OR WILDCAT <b>Lisbon - Miss.</b>	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 11, T-30S, R-24E</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR 611</b>		12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input checked="" 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 checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

The following remedial work is proposed:

Drill out DM retainer at 8,970', perforate one foot 8,995' opposite porous zone below existing perforations and squeeze cement thru perms to shut off water. Production from this well is now curtailed due to excessive water coning or channeling around pipe.

18. I hereby certify that the foregoing is true and correct  
ORIGINAL SIGNED BY  
SIGNED R. E. DAVIS TITLE District Office Manager DATE Jan. 6, 1964  
R. E. Davis  
(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

March 23, 1964

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

Re: Well No. Lisbon Unit C-814  
Sec. 14, T. 30 S., R. 24 E.,

Well No. Lisbon Unit A-814  
Sec. 14, T. 30 S., R. 24 E.,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the subsequent reports of water shut-off are due and have not been filed with this office as required by Rule C-9(c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

Thank you for your consideration in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK  
RECORDS CLERK

cnp

50th YEAR



**THE PURE OIL COMPANY**

NORTHERN PRODUCING DIVISION • DISTRICT OPERATIONS  
P. O. BOX 1611 • CASPER, WYOMING 82602 • AREA CODE 307-234-1565

March 24, 1964

The State of Utah  
Oil & Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City, Utah 84111

Attn: Miss Clareila N. Peck  
Records Clerk

Re: Lisbon Unit C-814  
Sec. 14, T-30S, R-24E

Lisbon Unit A-814  
Sec. 14, T-30S, R-24E

Dear Miss Peck:

In reference to your letter of March 23, 1964, advising that the subsequent reports on the above two wells had not been filed as required by Rule C-9(c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, please be advised that although the proposals for doing the remedial work on these two wells were submitted January 6, 1964, no work has as yet been undertaken.

It is contemplated that work will begin on these two wells in the near future, and at the conclusion of the work, the subsequent reports will be forwarded.

Yours very truly,

THE PURE OIL COMPANY

R. E. Davis  
District Office Manager

RED:js

*Copy 11-2-64*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SL 070008-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT AGREEMENT NAME

**Lisbon Unit**

8. FARM OR LEASE NAME

**Lisbon Unit**

9. WELL NO.

**A-814**

10. FIELD AND POOL, OR WILDCAT

**Lisbon - Miss.**

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

**Sec. 14, T-30S, R-24E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**The Pure Oil Company**

3. ADDRESS OF OPERATOR

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

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

**1980' FSL and 660' FWL, C NW SW**

14. PERMIT NO.

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

**GR 6,414'**

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

**Supplementary Well History**

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

SEE SUPPLEMENTAL SHEET ATTACHED

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

SIGNED

**R. E. DAVIS**  
**R. E. Davis**

TITLE

**District Office Manager**

DATE

**5-5-64**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

Lisbon Unit A-814  
1980' FSL and 660' FWL  
Sec. 14, T-30S, R-24E  
San Juan County, Utah

Lease No: SL 070008-A

Supplementary Well History  
May 5, 1964

Barker Well Service moved in and rigged up April 28, 1964. Killed well with 100 bbls. of salt water down tubing. Stripped off well head and set BOP's. Unseated Baker Model R-2 packer. Pulled 279 jts. of 2-7/8" OD EUE 8 Rd. Thd. tubing and packer. Reran tubing and packer. Set packer at 8,950'. Swabbed well down to test perforations and plug at 8,978'. Swabbed well dry and recovered no fluid. Pulled tubing and packer.

McCullough perforated 8,947' - 8,948', 4 holes, 35 gram casing jets. Ran Baker Model BC cast iron cement retainer and set at 8,940'. Ran tubing in hole. Stung into retainer. Halliburton pressured to 3500#, on perforations 8,947' - 8,948'. Pressure bled off in 20 minutes. Re pressured to 3500# with one bbl. of fluid. No communications. Unable to squeeze. Pulled tubing.

Rigged up McCullough to run Cal Seal with dump bailer. Ran 7-1/2 sax of Cal Seal. Plugged back from 8,940' to 8,910' as follows: Ran 15 gals. of Cal Seal slurry. Filled 11'. Lost 4 gals. Cal Seal into formation at 8,928'. Ran 13 gals. Cal Seal slurry. Lost 2 gals. into formation. Ran 5 gals. Gun did not fire. Cal Seal set in bailer. Laid down two sections of bailer. Ran five bailer loads (5 gals. per load) of Cal Seal. Lost 25 gals. of Cal Seal slurry in formation at 8,919'. On last load filled 4' to 8,915'. Ran 5 gals. Cal Seal and filled from 8,915' to 8,910'. Job completed at 12:00 midnight 5-2-64.

Ran tubing and Baker Model R-2 packer. Top of packer, total tubing, plus 14' below KB equals 8,828.38'. Installed Xmas tree and swabbed well in. Cleaned to pit. Turned through gathering line at 12:00 noon 5-4-64. Rig released at 12:00 noon 5-4-64.

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

SUBMIT IN 1 DATE\*  
(Other instruction on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SL 070008-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT AGREEMENT NAME

**Lisbon Unit**

8. FARM OR LEASE NAME

**Lisbon Unit**

9. WELL NO.

**A-814**

10. FIELD AND POOL, OR WILDCAT

**Lisbon - Miss.**

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

**Sec. 14, T-30S, R-24E**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER

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

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

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

**1980' FSL and 660' FWL, C NW SW**

14. PERMIT NO.

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

**OR 6,414'**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) **Supplementary Well History**

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

**SEE SUPPLEMENTAL SHEETS ATTACHED**

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

ORIGINAL SIGNED BY

SIGNED

**R. E. DAVIS**

TITLE

**District Office Manager**

DATE

**5-27-64**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

Lisbon Unit A-814  
1980' FSL and 660' FWL  
Sec. 14, T-30S, R-24E  
San Juan County, Utah

Lease No: SL 070008-A  
Supplementary Well History  
May 27, 1964

On May 12, 1964, moved in and rigged up Barker Well Service. Killed well. Removed tree and released packer. Added 2 jts. of 2-7/8" 8 Rd. EUE tubing. Re-set packer at 8,858'. Swabbed well in. Produced 35 bbls. oil and 45 bbls. of water in two hours. Gas metered at 1,225 MCFD.

Killed well. Pulled tubing. Went in hole with Baker retrievable bridge plug made up on bottom of packer. Set bridge plug at 8,880' and Baker Model R-2 packer at 8,830'. Swab tested perforations from 8,862' - 8,872'. Perforations not open. Pulled tubing, packer and bridge plug. McCullough ran Baker BC-2 cement retainer on wire line and set at 8,845'. Cemented perforations 8,862' - 8,872'; 8,894' - 8,910' with 100 sax salt saturated regular cement. Well on vacuum. Displaced cement with 48 bbls. of fresh water. Picked up tubing, closing cement retainer. Reversed out 3 bbls. of cement. Job complete at 7:30 p.m. 5-14-64.

Pulled tubing and drilled out cement and cement retainer. Drilled out to 8,910'. Ran tubing and Baker Model R-2 packer to 8,820'. Swabbed down to 8,300'.

Ran McCullough tubing perforating gun and collar locator. Perforated from 8,860' - 8,862' with 4 shots per foot. Swabbed well down to top of packer at 8,820'. No fluid recovery. Small flare of gas.

On May 18, 1964, acidized perforations 8,860' - 8,862', using 500 gals. Howco 15% CRA. Displaced with salt water. Well taking fluid at 500# pressure at 1/8 bbl. per minute. Increased pressure 500# at a time, to a maximum of 2500#. Injection rate remained constant. Acid on formation, pressure 1900#. Pressure dropped to 1100#, injection rate 1/4 bbl. per minute. Stopped pump. Pressure bled off to 300# in 5 minutes. Started pump. Pressure rose to 500#, 1/4 bbl. per minute. Pumped two bbls. Stopped pump. Pressure dropped to zero. Shut down 5 minutes. Started pump. Pressure zero. Well on vacuum. Left well shut in over night. Swabbed well in. Flowed gas, water and oil - 55% water, 45% oil, 1,000 MCF gas per day.

Killed well. Reset packer at 8,882', between upper and lower perforations. Pressured up on annulus to 500#. Upper perforations not taking fluid. Pumped into tubing. Lower perforations taking fluid. Swabbed well in and flowed to pit from perforations 8,894' - 8,910'. Flowed oil, gas and water - 55% water, 45% oil, 1,000 MCF gas.

Squeezed perforations 8,894' - 8,910'. Packer set at 8,882'. Squeezed with 300 sax 50-50 Pozmix, salt saturated, 8/10 of 1% Halad No. 9 added to mix. Displaced cement with salt water into formation at 1/3 bbl. per minute. When

cement hit formation, pressure rose sharply from 0# to 300# and slowly increased to 3000# with 27 bbls. of cement in formation. Used a total of 70 bbls. of slurry. Reversed out 39-1/2 bbls. of slurry. Job complete at 11:00 a.m. 5-20-64. Pulled tubing and laid down packer. Drilled out cement 8,890' - 8,930'.

McCullough perforated 8,907' - 8,910', 4 - 35 gram super casing jet shots per foot. Set Baker Model "R" packer at 8,881'. Tail pipe at 8,910'. Swabbed well to top of packer. No fill up.

Filled hole with salt water. Spotted 400 gals. 15% CRA on perforations 8,907' - 8,910'. Pressured annulus to 1500#. Pressured up on formation to 1900#. Formation taking fluid very slowly. Pumped 1/4 bbl. Shut down pump 10 minutes. Pressure bled off from 1900# to 900#. Pumped 1/4 bbls. Pressure 1100#. Shut down pump. Pressure to zero in 15 minutes. Started pumping 1/4 bbl. per minute. Pressure to 400#. Pumped 1 bbl. Pressure 200#. Shut down pump. Pressure to zero immediately. Shut down 15 minutes. Well on vacuum. Shut down for night.

Started swabbing. Fluid level at 2800'. Swabbed well in. Cleaned to pit, flowing oil, water and gas. Measured flow at 11.1 bbls. of oil per hour and 7 bbls. of water per hour, 450# on tubing, 20/64" choke.

On April 24, killed well with salt water. Pulled tubing and packer. McCullough perforated 8,898' - 8,902'; 8,868' - 8,872' and 8,860' - 8,862', 4 - 35 gram super casing jet shots per foot. Ran double packer assembly for straddle pack. Bottom packer blanked off. Set bottom packer at 8,904', top packer at 8,892'. Swabbed well down to 7,000'.

Pumped 400 gals. 15% CRA down tubing, followed by salt water displacement. Pumped at rate of 1 bbl. per minute. Pressure 800# - 900#. Acid hit formation. Slowed pump to 1/4 bbl. per minute. Pressure dropped to zero. One bbl. acid away. Stopped pump. Well on vacuum. Swabbed well in. Flowed oil, water and gas. Water decreasing. Measured flow 5-25-64 at 15 bbls. oil per hour and 3 bbls. water per hour, 1,160 MCF gas per day.

On May 26, killed well with salt water. Reset packers to straddle zone 8,868' - 8,872'. Top packer set at 8,863', bottom packer at 8,875'. Filled annulus with water. Swabbed well in. Well flowing oil, gas and water. Water decreasing fast. Top packer failed. Annulus on vacuum. Picked up packers to reset 2' up hole. Unable to pack off. Pulled tubing and packers - Incomplete.

*Copy file*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instructions  
verse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <b>The Pure Oil Company</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' FSL and 660' FWL, C NW SW</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>SL 070008-A</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <b>Lisbon Unit</b></p> <p>8. FARM OR LEASE NAME <b>Lisbon Unit</b></p> <p>9. WELL NO. <b>A-814</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Lisbon - Miss.</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 14, T-30S, R-24E</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>Utah</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>OR 6,424'</b></p>

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

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

**SEE SUPPLEMENTAL SHEET ATTACHED**

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

ORIGINAL SIGNED BY

SIGNED R. E. DAVIS TITLE District Office Manager DATE 6-2-64  
**R. E. Davis**

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY :

SUNDRY NOTICES AND REPORTS ON WELLS

Lisbon Unit A-814  
1980' FSL and 660' FWL  
Sec. 14, T-30S, R-24E  
San Juan County, Utah

Lease No: SL 070008-A

Supplementary Well History  
June 2, 1964

On May 27, 1964, redressed packers and ran same. Set top packer at 8,864', bottom packer at 8,881'. Perforated pup between packers. Pumped salt water into annulus. Well circulating around packers through perforations 8,860' - 8,862' and 8,868' - 8,872'. Unseated and moved packers up hole. Reset top packer at 8,857, bottom packer at 8,874'. Filled annulus with salt water. Packers held alright. Swabbed well down. Pumped 575 gals. CR acid into tubing followed by salt water displacement. Pressure 1500# at 1/2 bbl. per minute until acid hit formation then pressure dropped slowly to 1300#. Shut down pump. Pressure bled off to zero in two minutes. Started pump at 1/4 bbl. per minute. Zero pressure. Well on vacuum. Shut down for night.

Swabbed well in and cleaned to pit. Turned through separator. On one hour test, well flowed 10 bbls. oil per hour, 3-1/2 bbls. water per hour, 20/64" choke, 500# on well head, 400# on separator. Gas metered at 820,000 cu. ft. per day. Killed well. Unseated packers and pulled tubing and packers. Laid down top packer and ran production packer, Model R-2, and 2-1/2" tubing in well. Top of packer at 8,842'.

Swabbed well in and cleaned to pit from perforations 8,860' - 8,862'; 8,868' - 8,872'; 8,898' - 8,902' and 8,907' - 8,910'. On test from 11:00 a.m. 5-29-64 to 7:00 a.m. 5-30-64 well produced 24.2 bbls. of oil per hour, 7 bbls. water per hour, 24/64" choke, 380# on separator, 560# on well head. Gas metered 1,105 MCFD.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1A24.

5. LEASE DESIGNATION AND SERIAL NO.  
**Salt Lake SL-070008-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT AGREEMENT NAME  
**Lisbon Unit**

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

9. WELL NO.  
**A-814**

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

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

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

1. OIL WELL  GAS WELL  OTHER

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface **1980' FSL & 660' FWL, NW SW**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**OL 6411'**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

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

**On February 27 and 28, 1965, pulled 2-7/8" OD tubing and packer. Re-ran same with 8 - Otis Type "C" gas lift valves. Baker Model "R-2" packer set at 8,840'. Well now shut in awaiting completion of gas lift line.**

**Installation of gas lift valves in this well was discussed in the 1965 Plan of Development dated February 9, 1965.**

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

ORIGINAL SIGNATURE

SIGNED R. E. Davis

TITLE District Office Manager

DATE 3-17-65

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

May 16, 1985

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

Gentlemen:

Re: Well No. Lisbon A-814 - Sec. 14 R. 30S., R. 24E  
San Juan County, Utah - API #43-037-16238

We have received your March Monthly Oil and Gas Production Report indicating that this well is temporarily abandoned; however, there is no information in our files as to where the temporary plugs are set.

If plugs have been set, it is necessary to submit this information on a "Sundry Notice". If plugs haven't been set, the well is not temporarily abandoned; it is shut in. We have enclosed forms for your convenience in providing us with this information.

Your prompt attention to this matter will be greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0063S-68



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

August 6, 1985

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

Gentlemen:

Re: Well No. Lisbon A-814 - Sec. 14, T. 30S., R. 24E.,  
San Juan County, Utah - API #43-037-16238

The above referenced well has been under a temporarily abandoned status for six months or longer. Please inform this office of the current status on the enclosed Form OGC-1b, "Sundry Notices and Reports on Wells".

Thank you for your prompt attention to the above matter.

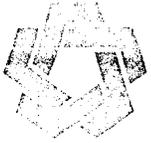
Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0161S/38



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

September 13, 1985

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

Gentlemen:

Re: Well No. Lisbon A-814 - Sec. 14, T. 30S., R. 24E.,  
San Juan County, Utah - API #43-037-16238

We have received your production report for July indicating that this well is temporarily abandoned; however, there is no information as to where the temporary plugs are set.

If plugs have been set, it is necessary to submit this information on a "Sundry Notice". If plugs haven't been set, the well is not temporarily abandoned; it is either shut in or operations have been suspended.

We have enclosed reporting forms for your convenience.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/24

**POOR COPY**

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 or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [ ] OTHER De-Watering Well RECEIVED
2. NAME OF OPERATOR Union Oil Company of California
3. ADDRESS OF OPERATOR P.O. Box 2620, Casper, WY 82602
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL and 660' FWL, NW SW
GL 6414'

5. LEASE DESIGNATION AND SERIAL NO. S.L. 070008-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Lisbon Unit
8. FARM OR LEASE NAME Lisbon Unit
9. WELL NO. A-814
10. FIELD AND POOL, OR WILDCAT Lisbon-Mississippian
11. SEC., T., R. M., OR S.E.K. AND SURVEY OR AREA Sec. 14, T30S, R24E, S.L.P.M.
San Juan Co. Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [ ] PULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [ ] (Other) [ ]
SUBSEQUENT REPORT OF: WATER SHUT-OFF [ ] REPAIRING WELL [ ] FRACTURE TREATMENT [ ] ALTERING CASING [ ] SHOOTING OR ACIDIZING [ ] ABANDONMENT\* [ ] (Other) Supplementary Well History 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.)
Lisbon Unit Well No. A-814 was producing 250 BOPD in 1966 when the well went to 100% water cut. In April, 1973 the well was converted to a de-watering well with the installation of a submersible pump. The well produced approximately 750 BWPD until August, 1974. At that time, the well was shut in due to concern over increasing salinity in the produced water samples. A casing leak was suspected. In March, 1975, the tubing and pump were pulled, and the well was placed on a "temporarily abandoned" status. At that time, a casing caliper-casing inspection log was run through the salt section from 4200' to 6850' and found the casing in generally poor condition. This well is currently under evaluation for possible remedial work to restore oil production pending the results of proposed work on an offsetting well, Lisbon Unit No. D-715. Thus, it is requested that the "temporarily abandoned" status of the well be continued.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/20/85
BY: [Signature]

Federal approval of this action is required before commencing operations.

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE DISTRICT ENGINEER DATE 9-16-85
(This space for Federal or State office use)

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
S.L. 070008-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT ASSIGNMENT NAME  
Lisbon Unit

8. FARM OR LEASE NAME  
Lisbon Unit

9. WELL NO.  
A-814

10. FIELD AND POOL, OR WILDCAT  
Lisbon-Mississippian

11. SEC., T., R., M., OR S.E. AND SUBST OR AREA  
Sec. 14, T30S, R24E, S.L.P.M.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER De-Watering Well **RECEIVED**

2. NAME OF OPERATOR  
Union Oil Company of California

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1980' FSL and 660' FWL, NE NW SW

14. PERMIT NO.  
4303716238

15. ELEVATIONS (Show whether of, to, or etc.)  
GL 6414'

SEP 18 1985  
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 ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Supplementary Well History	

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

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

Lisbon Unit Well No. A-814 was producing 250 BOPD in 1966 when the well went to 100% water cut. In April, 1973 the well was converted to a de-watering well with the installation of a submersible pump. The well produced approximately 750 BOPD until August, 1974. At that time, the well was shut in due to concern over increasing salinity in the produced water samples. A casing leak was suspected. In March, 1975, the tubing and pump were pulled, and the well was placed on a "temporarily abandoned" status. At that time, a casing caliper-casing inspection log was run through the salt section from 4200' to 6850' and found the casing in generally poor condition. This well is currently under evaluation for possible remedial work to restore oil production pending the results of proposed work on an offsetting well, Lisbon Unit No. D-715. Thus, it is requested that the "temporarily abandoned" status of the well be continued.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9/20/85  
BY: [Signature]

Federal approval of this action is required before commencing operations.

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

SIGNED: [Signature] TITLE: DISTRICT ENGINEER DATE: 9-16-85

(This space for Federal or State office use)

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

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

6. Lease Designation and Serial Number UTU66578
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement Lisbon Unit
9. Well Name and Number Lisbon A-814
10. API Well Number 430371623800
11. Field and Pool, or Wildcat Mississippian

**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— for such proposals

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Union Oil Company of California	
3. Address of Operator 3300 N. Butler, Ste 200, Farmington, NM 87401	4. Telephone Number (505) 326-7600
5. Location of Well Footage : 1980' FSL & 660' FWL QQ, Sec. T., R., M. : NW SW, Sec 14, T30S, R24E County : San Juan State : UTAH	

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Annual Status Report</u>	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

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

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The well was shut-in after it began producing 100% water. Since that time, the well has been utilized as a reservoir pressure monitoring well. Future plans include plugging the Mississippian perforations and utilizing the wellbore to test uphole formations for productivity.

RECEIVED  
FEB 20 1992  
DIVISION OF  
OIL GAS & MINING

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

Name & Signature Craig A. De Ha Title Field Supt. Date 2/17/92

(State Use Only)

cc: Tom B.  
Mike P.

- orig to file

**COPY**

UTU 66578

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

R. Costanza  
Moah  
CB

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

~~SL 070008-A~~

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.

Lisbon Unit # A-814

9. API Well No.

43-037-16238

10. Field and Pool, or Exploratory Area

Lisbon - Miss.

11. County or Parish, State

San Juan, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 671 - Midland, TX 79702

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

1980' FSL & 660' FWL  
Sec. 14, T30S, R24E

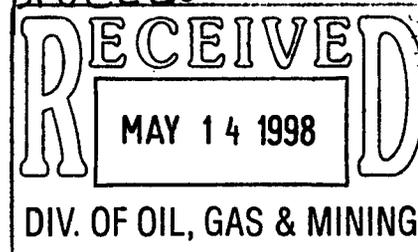
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

See attached procedure.



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

Signed Charles B. Barton

Title Regulatory Clerk

Date 6-25-97

(This space for signature of Approver)  
Approved by [Signature]  
Conditions of approval, if any:

Title Assistant Field Manager, Resource Management

Date 7/16/97

**FOR RECORD ONLY**

**CONDITIONS OF APPROVAL ATTACHED**

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

**SUBMIT IN TRIPLICATE**

<p>1. Type of Well</p> <p>Oil <input type="checkbox"/> Well      Gas <input type="checkbox"/> Well      Other <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Well</p>	<p>5. Lease Designation and Serial No. <b>UTU 66578</b></p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If Unit or CA. Agreement Designation <b>LISBON</b></p> <p>8. Well Name and No. <b>LISBON A-814</b></p> <p>9. API Well No. <b>43-037-16238</b></p> <p>10. Field and Pool, or Exploratory Area <b>LISBON - MISS.</b></p> <p>11. County or Parish, State <b>SAN JUAN, UTAH</b></p>
<p>2. Name of Operator <b>Union Oil Company of California</b></p>	
<p>3. Address and Telephone No. <b>P.O. Box 760 Moab, UT 84532      (435) 686-2236</b></p>	
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1980' FSL &amp; 660' FWL SEC. 14, T30S, R 24E</b></p>	

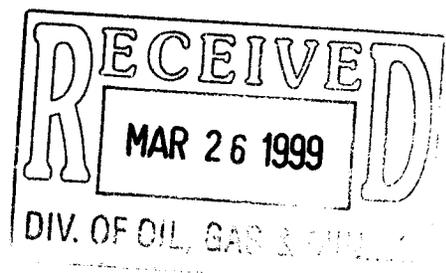
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

**This well has been plugged and abandoned. Pending work involves surface reclamation and reseeding. Unocal expects the wellsite to be ready for final inspection by 9/1/99.**



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

Signed Kandy Kohler Title FIELD SUPERINTENDENT Date 23-Mar-99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date: 4-9-99

Conditions of approval, if any: initials: CKP

Accepted by the  
**Utah Division of  
Oil, Gas and Mining**  
Date: 4-9-99  
By: [Signature]

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.

cc: Tom B.  
Mike P.

orig to file **COPY**

UTU 66578

Form 3160-5  
(June 1990)

R. Castanza  
Moah  
CB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.  
Lisbon Unit #A-814

9. API Well No.  
43-037-16238

10. Field and Pool, or Exploratory Area  
Lisbon - Miss.

11. County or Parish, State  
San Juan, 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 671 - Midland, TX 79702

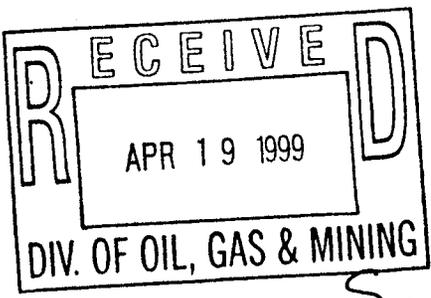
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FSL & 660' FWL  
Sec. 14, T30S, R24E

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

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

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



See attached procedure.

APR 21 1999  
11:20

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

Signed Charlotte Beeson

Title Regulatory Clerk

Date 6-25-97

(This space for Federal or State office use)  
Approved by [Signature]  
Conditions of approval, if any:

Title Assistant Field Manager,  
Resource Management

Date 7/16/97

**CONDITIONS OF APPROVAL ATTACHED**

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

\*See instruction on Reverse Side

Plugging Procedure  
Union Oil Company of California  
Well No. Lisbon Unit A-814  
Sec. 14, T. 30 S., R. 24 E.  
Lease ~~ST-070008A~~ UTA 66578  
Lisbon Unit  
San Juan County, Utah

CONDITIONS OF APPROVAL

1. Notify Jeff Brown of the Monticello, Utah BLM office at (801)587-1525 at least 24 hours prior to initiating plugging operations.
2. According to our records, cement behind the 5 1/2" casing did not circulate. The to-of-cement is reportedly at 1800 feet based on CBL interpretation. Therefore, the plug at the surface casing (10 3/4") shoe must be modified as follows:
  - 1) perforate the 5 1/2" at 1075' (100' below the shoe);
  - 2) breakdown perfs;
  - 3) squeeze sufficient cement to leave a plug from 1075' to 875' behind the 5 1/2" and inside the 5 1/2".
3. Within 30 days of completing plugging operations, submit a Subsequent Report of Abandonment (Sundry Notice form) which describes how the well was plugged.



New Name. Same Spirit.  
A Business Unit of Unocal

Drig Engr:	MCP
Drig Supt:	
Resv Engr:	
Prod Engr:	
Prod Supt:	

**Rocky Mountain Group**  
**CONDITION OF HOLE**

June 18, 1997

FIELD: Lisbon LEASE: Lisbon Unit WELL NO: A-814  
 Location: Sec 14, T30S, R24E County: San Juan State: Utah  
 Survey: Salt Lake Meridian  
 REASON FOR WORK: To plug and abandon.

CONDITION OF HOLE:

TOTAL DEPTH: 9020' ETD: 8940' KB DATUM: 11.0' Above: G.L.(6414.0)

**CASING RECORD:**

20" @ 20'. Cmt circulated.  
 10-3/4" @ 975'. 40.5# J-55. Cmt'd w/540 sx. Cmt circ.  
 5-1/2" @ 9015'. 17# J-55. Cmt'd w/125sx on 1st stage, second ; 2300sx  
 through DV tool @ 8694'. Cmt Circ.

**PERFORATIONS:**

Formation	Date	From	To	# Holes	
Mississippian		8,978	8,978	4 holes	Squeezed 70 sx.
Mississippian		8,947	8948	4 holes	Squeezed.
Mississippian		8,862	8910		Squeezed.
Mississippian		8,860	8910		Open

TUBING DETAIL: None

REGULATORY REQUIREMENTS: BLM Sundry approved prior to Rig-up



## **Lisbon A-814**

**By: Mike Phillips**

### **PROCEDURE:**

- 1. MIRU P&A Service Unit and cement Equip. RU H2S detection equipment. Perform rig inspection. Hold safety meeting.**
- 2. Blow well down. Rig up and Kill well. ND Tree. NU BOP & function test. PU & TIH w/5-1/2" packer on WS. SPA 6,800'. Load annulus and pressure test. RU and Establish PI rate into perfs @ 8,680-8,910'. Release packer and TOH.**
- 3. PU 5-1/2" RET and RIH on WS. Clear and set @ 6,800'. SQZ perfs w/400 sx class "H" cmt, sting out and dump 10 sx on RET. Plug #1:(6,702-8,910') Mississippian and Base salt. PUH to 6700'. Circulate hole w/ 160 BBLs of 10 PPG mud laden brine.**
- 4. PUH to 4,490' laying down XS tubing. RU & spot 25sx class "C" CMT from 4,490 to 4,245'. Plug #2:(4,245-4,490') Salt Top.**
- 5. PUH to 990' laying down XS tubing. RU & spot 25sx class "C" CMT from 990 to 745'. Plug #4:(745-990') Shoe Plug.**
- 6. PUH to 30' laying down XS tubing. RU & spot 10sx class "C" CMT from 30' to surf. Plug #5:(Surf-30'). TOH.**
- 7. RD Unit and Equip. Dig out wellhead w/backhoe. Cut-off head and weld-on P&A marker as per BLM specifications. Dig -out and remove anchors. Backfill and clean & level location.**

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



DATE: Jun. 20, 1997  
 BY: M.C. Phillips  
 WELL: A-814  
 STATE: Utah

SPUD DATE: 5/23/62  
 COMP. DATE:  
 STATUS: Shut-in

KB = 6,425'  
 Elevation = 6,414'  
 TD = 9,020'  
 PBTD = 8,940'

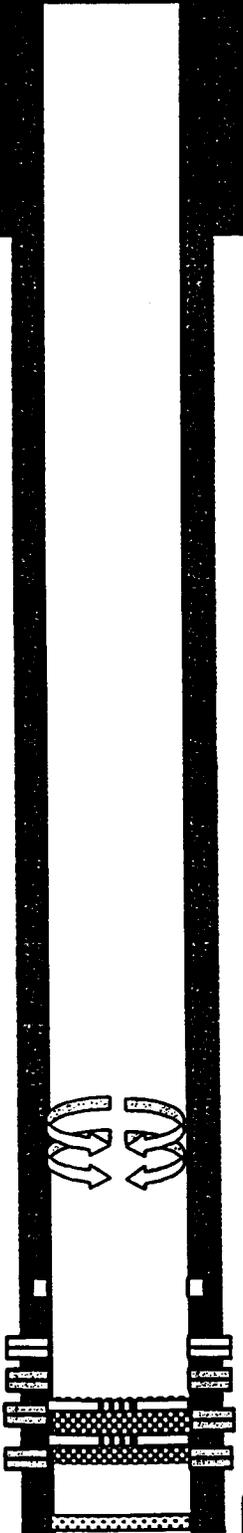
**BEFORE P&A**

20" @ 20'. Cmt'd Circ.

10-3/4" @ 975'. 40.5# J-55. Cmt'd Circ.

**Formation Tops**

Paradox	4014
Salt Top	4340
Salt Base	8666
Mississippian	8806



Tight Spots in Casing @ 6,860' and 7,174'.

DV Tool @ 8694'.

Perfs 8,860-8,910.  
 Perfs 8,862-8,910'. Sqz'd 5/64.  
 Perfs 8947-48 Sqz'd Ret @ 8940'.  
 Perfs 8978 Sqz'd Ret @ 8970'.

5-1/2" @ 9,015'. 17# J-55 LT&C csg. Cmt'd 2 stages 125sz, FB 2300sx thru DV @ 8,694'. Cmt Circ.

TD 9,020'

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

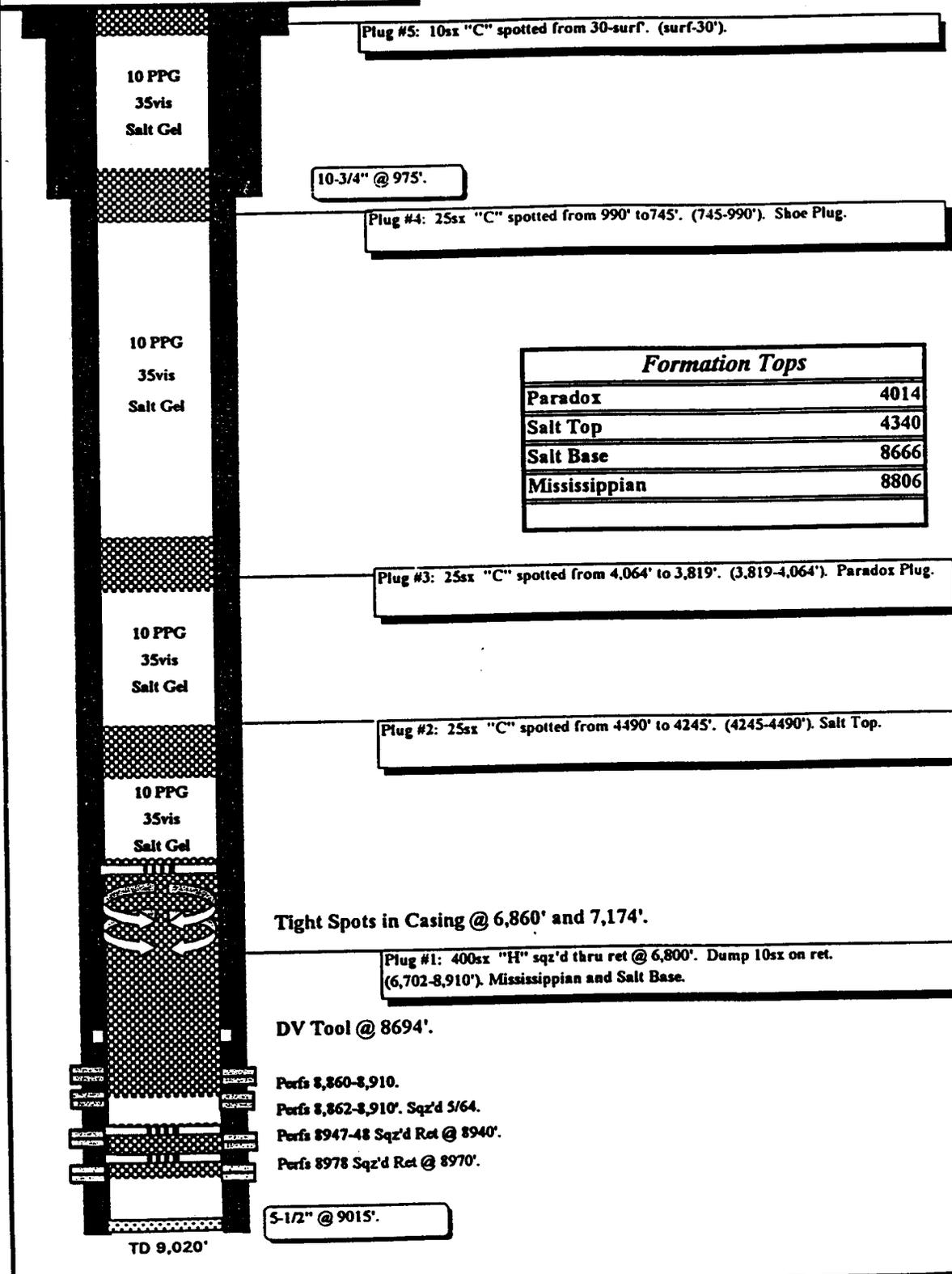


DATE: Jun. 20, 1997  
 BY: M.C. Phillips  
 WELL: A-814  
 STATE: Utah

SPUD DATE: 5/23/62  
 COMP. DATE:  
 STATUS: P&A'd

KB = 6,425'  
 Elevation = 6,414'  
 TD = 9,020'  
 PBTd = 8,940'

**AFTER P&A**



Plug #5: 10sx "C" spotted from 30-surf'. (surf-30').

10-3/4" @ 975'

Plug #4: 25sx "C" spotted from 990' to 745'. (745-990'). Shoe Plug.

<i>Formation Tops</i>	
Paradox	4014
Salt Top	4340
Salt Base	8666
Mississippian	8806

Plug #3: 25sx "C" spotted from 4,064' to 3,819'. (3,819-4,064'). Paradox Plug.

Plug #2: 25sx "C" spotted from 4490' to 4245'. (4245-4490'). Salt Top.

Plug #1: 400sx "H" sqz'd thru ret @ 6,800'. Dump 10sx on ret. (6,702-8,910'). Mississippian and Salt Base.

DV Tool @ 8694'.

- Perfs 8,860-8,910.
- Perfs 8,862-8,910'. Sqz'd 5/64.
- Perfs 8947-48 Sqz'd Ret @ 8940'.
- Perfs 8978 Sqz'd Ret @ 8970'.

5-1/2" @ 9015'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

SL 070008-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Lisbon

8. Well Name and No.

Lisbon Unit # A-814

9. API Well No.

43-037-16238

10. Field and Pool, or Exploratory Area

Lisbon - Miss.

11. County or Parish, State

San Juan, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 671 - Midland, TX 79702

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

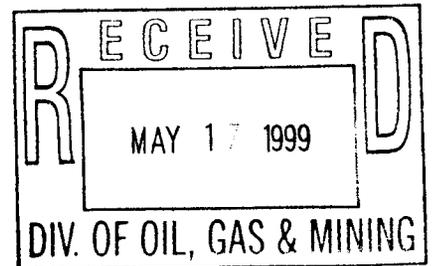
1980' FSL & 660' FWL  
Sec. 14, T30S, R24E

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

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

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

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



See attached plugging report.

COPY SENT TO OPERATOR

Date: 5-20-99  
Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 5-20-99

By: RJK

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

Signed Charlotte Beeson

Title Regulatory Clerk

Date 11-6-97

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Well Name: LISBON (MISS) LISBON UNIT A-314 Page: 1

10/10/97

TO PLUG & ABANDON (AFE 128646)  
SPIRIT ENERGY 76'S WI: 1001

(FREUND) MI BIG "A" RIG #8. SPTD RIG & RAISED DERRICK. STARTED LOADING HOLE DOWN TBG W/ BRINE. PUMPED 10 BBLs & HOLE LOADED. PRESS TO 20 PSI W/ WATER TRUCK. DE-PRESSURED WELL & FL REMAINED STATIC. SWI-SDON.

10/11/97

(FREUND) 24 HR SICP 0 PSI. PUMPED 1 BBL BRINE & PRESS CSG TO 500 PSI. PRESS BLED TO 450 PSI IN 3 MIN. ND WH & NU BOP. RIH W/ WL GAUGE RING (4.31" OD) & HIT FIRM BRIDGE @ 926'. POH & RAN 2.28' GAUGE RING. HIT SAME BRIDGE @ 926'. POH. PU 4-3/4" BIT & RIH TO 926'. PUSHED PLUG TO 1590' W/ 2000# WOB. PU POWERED SWIVEL & REV CIRC THRU 4' BRIDGE W/ 2000# WOB @ 50 RPM. RIH W/ BIT TO 1880', HIT DRAG W/ BIT & PUSHED TO 1976' W/ PUMP ON HOLE. PLUGGED BIT. POH W/ BIT PLUGGED W/ SALT CRYSTALS. TTL SALT REC FROM 926-1976' WAS APPX 5 GAL. SWI-SDON.

10/12/97

(FREUND) SIP 0 PSI. RIH W/ 4-3/4" BIT ON 2-3/8" TBG TO 1950'. CIRC HOLE W/ 40 BBLs FRESHW ATER. RIH TO 5130' CIRC'G BRIDGES @ 2400', 3300' & 5130'. TOOK KICK @ 2400' W/ 8-10M PPM H2S, 3300' W/ 950 PSI & 40-50M PPM H2S & 5130' W/ 750 PSI & H2S TSTM. SWI-SDON.

10/13/97

(FREUND) RIH DRLG SALT BRIDGES AS FOLLOWS; 5130' (4'), 5243' (44'), 5338' (96') & 5552' (178'). POH. 2 LOOSE CONES ON BIT #1. NO SIGNIFICANT H2S GAS POCKETS DETECTED UNDER ANY OF THE SALT PLUGS DRLD TODAY. SWI-SDON.

10/14/97

(FREUND) 24 HR SICP 0 PSI. RIH W/ NEW 4-3/4" BIT & CONT DRLG SALT PLUG AS FOLLOWS: 5730-6072' (342'), 6100-6120' (20'). TOOK 11 BBL KICK W/ 11 PPG BRINE. FLWD BRINE & GAS TO FRAC TANK 2.5 HRS. SWI & SICP STABILIZED @ 260 PSI. H2S CONTENT WENT OFF SCALE ON H2S PPM MONITOR @ 120 PPM. SWI-SDON.

10/15/97

(FREUND) 24 HR SICP 320 PSI. SITP 0 PSI. CIRC WELL W/ 10 PPG BRINE (HOLE VOL + 30 BBLs). POH W/ 4-3/4" BIT. PU TBG SET CMT RET & RIH TO 6120'. SET RET. SWI-SDON.

10/16/97

(FREUND) 12 HR SIP 0 PSI. STUNG OUT OF RET & P-TESTED CSG TO 500 PSI, OK. STUNG IN RET & EST IR @ 1/4 BPM @ 1000 PSI. STUNG OUT OF RET. MIXED 118 SX "G" & DISP TO T/RET. STUNG IN RET & PUMPED 2 SX CMT BELOW RET @ 1500 PSI. PU & SPTD 116 SX CMT ABOVE RET @ 6120-5096'. PU TO 4487' & SPTD 28 SX "G" @ 4487-4245'. PU TO 4064'. MIXED 28 SX & SPTD @ 4064-3819'. POH. PERF ONE (1), 4 JSPF @ 1075'. EST IR @ 2 BPM. PUMPED 40 BBLs BRINE @ 750 PSI. R&S CMT RET @ 1035'. MIXED 118 SX "G" & DISP 95 SX BELOW RET @ 2.5 BPM @ 650 PSI. STUNG OUT RET & SPTD 23 SX/TOP RET. PU TO 32' & MIXED 12 SX & SPTD @ 32'-SURF. FL STATIC AFTER SPTING TOP PLUG. JC @ 7:00 PM  
10/15/97.

10/17/97

(FREUND) CUT OFF WH & INSTALLED P&A MARKER. OFF REPORT. EST TTL COST \$55,495.

10/18/97

(FREUND) THIS FINAL REPORT IS A CORRECTION TO REFLECT THE ORIGINAL TURNKEY BID OF \$18,055 INSTEAD OF THE AFE ESTIMATE OF \$30,200. FINAL REPORT. EST TTL COST: \$43,350.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau no. 1004-013
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.
UTU 66578
6. If Indian, Allottee or Tribe Name
7. If Unit or CA. Agreement Designation
Lisbon
8. Well Name and No.
Lisbon Unit #A-814
9. API Well No.
43-037-16238
10. Field and Pool, or Exploratory Area
Mississippiean
11. County or Parish, State
San Juan Co., Utah

SUBMIT IN TRIPLICATE

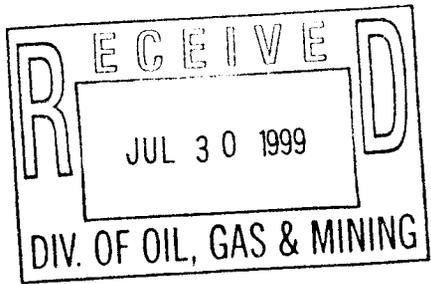
1. Type of Well
Oil Well Gas Well Other Well
2. Name of Operator
Tom Brown, Inc.
3. Address and Telephone No.
P.O. Box 760 Moab, UT 84532 (435) 686-2236
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 660' FWL Sec. 14, T30S, R24E

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for 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, and Dispose Water.

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

This is the final abandonment notice. All reclamation work has been completed.



14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Field Foreman Date 26-Jul-99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_
Conditions of approval, if any:

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