

FILE NOTATIONS

Entered in NID File

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

Location Map Pinned \_\_\_\_\_

Card Indexed

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

Checked by Chief R. J. [Signature]

Copy NID to Field Office \_\_\_\_\_

Approval Letter

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

COMPLETION DATA:

Date Well Completed 12-11-64

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

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

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

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

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

LOGS FILED

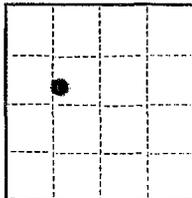
Driller's Log 1-2-62

Electric Logs (No. ) 6

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

Lat  Mi-L \_\_\_\_\_ Sonic  Others Directional Log

Casing Collar Log and Perforating Record - Cement Top Locator



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. UD 12450

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)

August 29, 1961

**Fubco Lisbon Federal**

Well No. **42-21C** is located **2140** ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and **1820** ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. **21**

**SE 1/4 NW 1/4 Section 21**  
(1/4 Sec. and Sec. No.)

**30E**  
(Twp.)

**25E**  
(Range)

**S.L.B.M.**  
(Meridian)

**Lisbon Area**  
(Field)

**San Juan**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> above sea level is **6854** ft.

DETAILS OF WORK

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

It is proposed to drill w/rotary to TD of 10,000' to test the Mississippian for gas. A 17-1/4" hole will be drilled to 200', set 13-3/8" casing, circulate cement; 12-1/4" hole will be drilled to  $\pm$  2020', set 9-5/8" casing @/400 sx; 8-3/4" hole will be drilled thru the Mississippian formation, estimated to be  $\pm$  10,000'. The hole will be logged to TD. Shows will be cored and tested. If well proves commercial, 7", 26# and 29# casing will be run to TD. 150 sx cement will be placed from TD to the base of the Salt. A two stage cementing collar will be run near the base of the Salt. About 300 sx of cement will be run thru the salt section to tie into the intermediate string. Pennsylvanian-Hormosa formation on surface. Anticipated spud date September 15, 1961. Nation Wide Bond previously submitted, and on file at Bureau of Land Management, Santa Fe, New Mexico.

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

Company **Fubco Petroleum Corporation**

Address **2500 Central Avenue, S. E.**

**P. O. Box 1419**

**Albuquerque, New Mexico**

By

Title **Frank D. Corhan, Jr.**

**Executive Vice President**

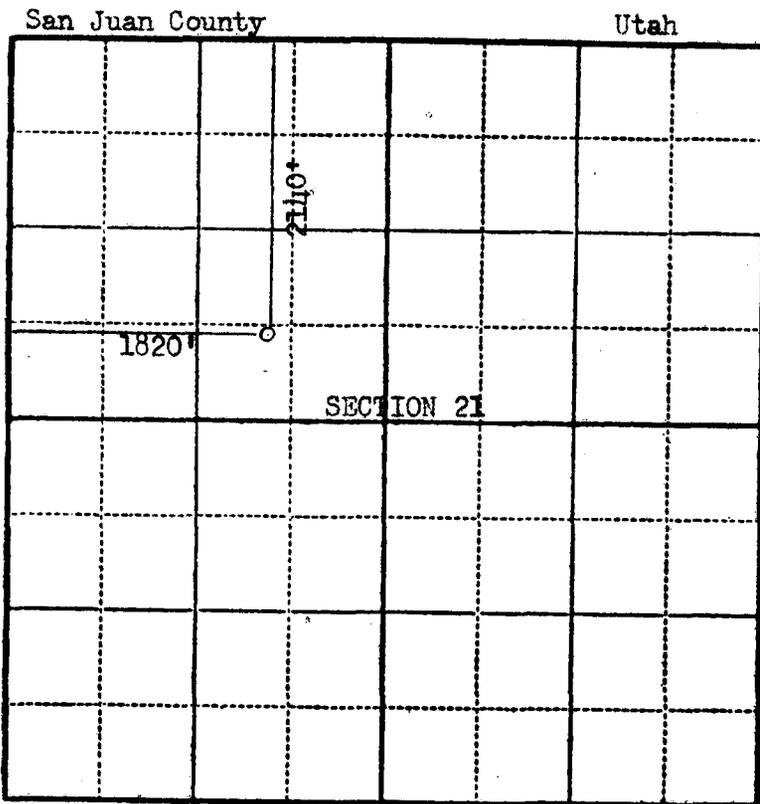
Company PUBCO PETROLEUM CO.

Lease Lisbon Federal Well No. 2

Sec. 21 T. 30S R. 25E SLEM

Location 2140 feet from north line; 1820 feet from west line.

Elevation: 6854 GL

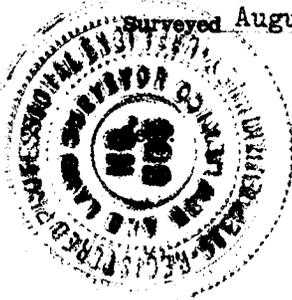


Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*Stephen H. Kinney*  
STEPHEN H. KINNEY  
Registered Professional  
Engineer and Land Surveyor

Surveyed August 21, 1961



September 11, 1961

Pubco Petroleum Corporation  
2500 Central Avenue, S. E.  
P. O. Box 1419  
Albuquerque, New Mexico

Attn: Frank D. Gorham, Jr., Exec. Vice President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Pubco Lisbon Federal #2-21C, which is to be located 2140 feet from the north line and 1820 feet from the west line of Section 21, Township 30 South, Range 25 East, S1EM, San Juan County, Utah.

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

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:avg

cc: Mr. Jerry W. Long, Dist. Eng.  
U. S. Geological Survey

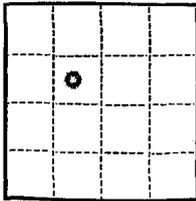
H. L. Coonts - OGCC, Moab

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. U - 01450

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.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<b>Drill Stem Tests</b>	<b>XX</b>

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

Astec, New Mexico November 3, 1961

Lisbon Federal  
Well No. 2-21-2 is located 2140 ft. from [N] line and 1820 ft. from [W] line of sec. \_\_\_\_\_

Section 21 30 South 25 East S.L.B.M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6004 ft.

DETAILS OF WORK

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

DEP #1: 9128-9228; IHSP 5120, ISIP 135, IFF 45, FFF 45, FSIP 130, FHSP 5120, recovered 60' of drilling mud, no gas, no oil, no water; tool open for 1 1/2 hrs., shutin pressures for 30 min., open with medium blow and remained throughout test.

DEP #2: 9228-9269; IHSP 5140, ISIP 115, IFF 40, FFF 60, FSIP 115, FHSP 5140, recovered 40' of drilling mud, no gas, no oil, no water; tool open for 1 hr., shutin pressures for 30 min., open with weak blow and dying out at end of test.

DEP #3: 9269-9313; IHSP 5150, ISIP 3115, IFF 1395, FFF 1495, FSIP 3020, FHSP 5150, recovered 10 bbls black distillate and measured 6.5 MCKP on 1/2" choke; initial shutin was 45 min., final shutin 30 min., tool open for 1 hr., gas to surface in 5 min.

DEP #4: 9313-9350; IHSP 5520, ISIP 3060 IFF 405, FFF 495, FSIP 3015, FHSP 5220, recovered 130' black distillate, 2.5 MCKP on 3/4" choke; initial shutin 45 min., final shutin 30 min., tool open for 1 hr., gas to surface in 8 min.

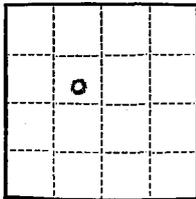
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company FUECO PETROLEUM CORPORATION

Address 108 West Chuaka

Astec, New Mexico

By B. H. Wepchoff, Jr.  
Title District Engineer



(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. U-012450

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.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>DST's #5, #6 and #7</u>	<u>XX</u>

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

Artes, New Mexico November 13, 1961

Well No. Lisbon Federal 2-21-XC is located 2140 ft. from [N] line and 1820 ft. from [W] line of sec. 21

30 South 25 East S.L.B.M.  
(Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5864 ft.

DETAILS OF WORK

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

DST #5: Misrum.

DST #6: 9356-9448; IHSP 5340, ISIP 3020, IFF 1615, FFP 1615, FSIP 3020, FHSP 5340;  
initial shut-in 45 minutes; final shut-in 45 minutes; tool open for 1 hour; measured  
5435 MCFD; no liquid.

DST #7: 9448-9519; IHSP 5450, ISIP 2085, IFF 170, FFP 540, FSIP 2995, FHSP 5360;  
initial shut-in 45 minutes; final shut-in 30 minutes; tool open for 1 hour; recovered  
930' of salt sulphur water.

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

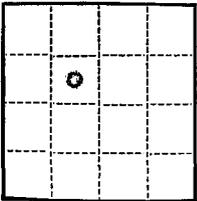
Company PUBCO PETROLEUM CORPORATION

Address 108 West Cluska

Astec, New Mexico

By B. H. Weychoff, Jr.

Title District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. U-023560

Unit \_\_\_\_\_

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.....	
NOTICE OF INTENTION TO ABANDON WELL.....	REPORT ON RUNNING TUBING.....	<input checked="" type="checkbox"/>

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

Aztec, New Mexico November 13, 19 61

Lisbon Federal  
Well No. 2-21-7C is located 2140 ft. from N line and 1520 ft. from W line of sec. 21

30 North 25 East S.L.B.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5804 ft.

DETAILS OF WORK

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

Run 101 jts., 4485.39', of 7", N-80, 29 1/2 Grd thd.  
105 jts., 4467.62', of 7", N-80, 26 1/2, buttress thd.  
14 jts., 410.47', of 7", N-80, 29 1/2, buttress thd.  
Landed at 9560 KB. Stage tools at 9023' and 4126'.

Cemented: First stage with 40 sack 50-50 Pozmix, 4% gel, salt saturated, 75 sack latex. Second stage with 420 sack 50-50 Pozmix, 10% gel, salt saturated. Third stage with 200 sack 50-50 Pozmix, 10% gel, salt saturated.

WOC at 9:45 A.M. 11-11-61

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

Company PUBCO PETROLEUM CORPORATION

Address 108 West Chuksa

Aztec, New Mexico

By B. H. Kaychoff, Jr.  
Title District Engineer

# PUBCO PETROLEUM CORPORATION

BOX 1419

ALBUQUERQUE, NEW MEXICO

TELEPHONE CHAPEL 7-8835

November 30, 1961

Re: Pubco Lisbon Federal 3-27 C Well  
San Juan County, Utah

Utah Oil and Gas Conservation Commission  
Newhouse Building  
Salt Lake City, Utah

Attention: Mr. Kleon Feight, Secretary

Gentlemen:

Enclosed herewith is the original and two copies of Amended  
Plat in connection with the subject well.

It is also requested that you amend your records to show  
our Lisbon 2-21 C Well as the Pubco Lisbon Federal 2-21 F Well.

Yours very truly,

*Gilbert J. Sevier, Jr.*  
Gilbert J. Sevier, Jr. *M.S.*  
Land Manager

GJSJr:gt

Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.  
Approval expires 12-31-60.  
LAND OFFICE Salt Lake City, Utah  
LEASE NUMBER U - 012450  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Lisbon

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1961,

Agent's address 108 West Chuska, Aztec, N.M. Company Pubco Petroleum Corporation

Phone 334-6157 Signed B. H. Waychoff, Jr.  
Agent's title District Engineer

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>SE ¼ NW ¼ Sec. 21</u>	<u>30</u>	<u>25E</u>	<u>2-21</u>	<u>0</u>	<u>0</u>	<u>--</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>Waiting on pipeline</u>

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.

Telephone  
247-8835

**PUBCO**  
PETROLEUM CORPORATION

Post Office Box 1410  
Albuquerque, New Mexico

December 1, 1961

Mr. Robert Schmidt  
Utah Oil and Gas Conservation Commission  
Newhouse Building  
Salt Lake City, Utah

Dear Bob:

Enclosed herewith is a copy of the Directional Survey of Pubco Petroleum Corporation's #2-21F Pubco Lisbon-Federal. This log is the one that was missing in the bunch that I delivered the other day.

I am also including two copies of the Cement Top Locater log. The interpretation of this log is questionable, however, we feel that we have adequate cement behind the pipe through the potential zones because we used 125% of the volume indicated by the Caliper log. A DV tool was placed at 4126' and this interval cemented with 200 sacks, 50-50 poz, 10% gel, salt saturated.

Yours very truly,

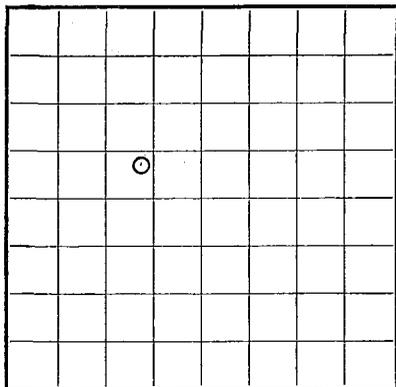
  
James L. Albright  
Geologist

JLA:g

Enclosures: 3

Form 9-330

U. S. LAND OFFICE Salt Lake City,  
Utah  
SERIAL NUMBER U-012450  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Mississippian Single Zone Completion

**LOG OF OIL OR GAS WELL**

Company Pubco Petroleum Corporation Address Box 1419, Albuquerque, New Mexico  
Lessor or Tract Federal U-012450 Field Wildcat State Utah  
Well No. 2-21-F Sec. 21 T. 30S R. 25E Meridian SLM County San Juan  
Location 2140 ft. S. of N. Line and 1840 ft. E. of W. Line of Section 21 Elevation 6864  
(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 J. L. Straight  
Title Geologist

Date December 11, 1961

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

Commenced drilling September 23, 19 61 Finished drilling November 18, 19 61

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from G 9270 to 9464 Mississippian No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from \_\_\_\_\_ 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-	
13 3/8	48	8	National	201	Howco				Surface
9 5/8	36	8	CFI	2091	Baker				Intermediate
7	26 & 29	8	National	9560	Baker		9270	9400	Production
2 7/8	6.5	8	CFI	9433			9373	9433	Tubing

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	201	225 Reg 2% CaCl <sub>2</sub>	two plug		
9 5/8	2091	225 "	"		
7		40 50-50 Poz 4% 75	Latex thru shoe; 420 sx	50-50 Poz thru DV tool	
		@ 9023; 200 sx 50-50	Poz thru DV tool @ 4126		

**PLUGS AND ADAPTERS**

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

OLD MARK

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	201	225 Reg 2% C <sub>2</sub> Cl <sub>2</sub>	two plug		
9 5/8	2091	225 "	"		
7		40 50-50 Poz 4% 75 @ 9023; 200 sx 50-50 Poz thru DV tool @ 4126	Latex thru shoe; 420 sx 50-50 Poz thru DV tool		

**PLUGS AND ADAPTERS**

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

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Acidified perfor	9270-9366 and 9386	9100 w/15000 gr			Lions Powell	Petr-Fra

**TOOLS USED**

Rotary tools were used from Surface feet to 9560 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Shut-in Gas Well \_\_\_\_\_, 19\_\_\_\_  
 Put to producing \_\_\_\_\_ December 11, 1961  
 \*See Below

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

If gas well, cu. ft. per 24 hours CAOP 66 MM Gallons gasoline per 1,000 cu. ft. of gas .42 est

Rock pressure, lbs. per sq. in. 3041 (59 hours)

**EMPLOYEES**

Gary Moore \_\_\_\_\_, Driller James Morris \_\_\_\_\_, Driller  
Glenn Mitcham \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION			
Surface	1738	1738	limestone, sandstone and shale			
1738	2124	386	anhydrite, limestone, dolomite, black shale			
2124	2325	201	gypsum, anhydrite, black shale, dolomite			
2325	8980	6655	salt, w/gypsum, dolomite, and black shale breaks			
8980	9093	113	shale and limestone			
9093	9112	19	red shale			
9112	9262	150	limestone trace shale			
9262	9560	2298	dolomite and limestone			
Length of Test	Choke Size	Flowing Tubing Pressure	Flowing Bottom Hole Pressure	Gas Prod. (MCFPD)	Temp.	
2	1/4"	2028	2981	3062	64°	
2	5/16"	1991	2937	4728	69°	
2	3/8"	1937	2893	6596	72°	
4	1/2"	1777	2786	10874	74°	

### HISTORY OF OIL OR GAS WELL

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

Cores were taken from 9269-9519 for gas reserve evaluation.

#### Drillstem tests (Mississippian):

#1: Open 1½ hrs, shut-in 1 hr., weak blow through-out, rec 90' M, no show  
ISIP 135#, FSIP 230#, IFP 45#, FFP 45#. 9128-9228

#2: Open 1 hr, shut-in 30, shut-in 30, weak blow through-out, rec 50 M, no show  
ISIP 115#, FSIP 115#, IFP 40#, FFP 60#. 9228-9269

#3: 9269-9313 Open 1 hr, shut-in 45", shut-in 30", gas the surface 5 min, gauged  
3960 MCF, rec 15 bbls blk emulsion, 3/8" btm hole choke 3/4" surf., IFIP 3105#,  
FSIP 3015#, IFP 1450#, FFP 1450#.

#4: 9313-9356 Open 1 hr, shut-in 30", gas the surface 8 min, gauged 2350 MCF, rec  
180' blk emulsion, 3/8" btm hole 3/4" surf, ISIP3060#, FSIP 3015#, IFP 405#, FFP 495#.

#5: 9356-9402--Misrun

#6: 9356-9448 Shut-in 45", open 1 hr, shut-in 45", gas the surface 4 min, gauged  
5435 MCF, rec 15 bbls blk emulsion 3/8" btm hole 1" surf.  
ISIP 3020#, FSIP 3020#, IFP 1615#, FFP 1615#.

#7: 9448-9519 Shut-in 45", open 1 hr, shut-in 30", strong blow air through-out  
gas the surface 2:10 TSTM, rec 930' HGC&SulW, ISIP 3685#, FSIP 2995#, IFP 170#,  
FFP 540#.

FORMATION RECORD—Continued

250 31

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1738	1738	Hermosa
1738	2124	386	Paradox Ismay
2124	2325	201	Salt Residium
2325	8980	6655	Paradox Salt
8980	9093	113	Lower Paradox
9093	9112	19	Molas
9112	9560	448	Mississippian

Telephone  
247-8835

**PUBCO**  
PETROLEUM CORPORATION

December 29, 1961

Post Office Box 1419  
Albuquerque, New Mexico

Mr. Leon Feight  
Utah Oil and Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Dear Mr. Feight:

Enclosed herein are four copies of USGS Form 9-330, "Log of Oil or  
Gas Well", on the Pubco Federal U-012450, T 30S, R 25E, Section 21; San  
Juan County, Utah. These are submitted in lieu of Utah Form OGCC-3.

*Pubco Lisbon  
Federal -  
Z-21F*

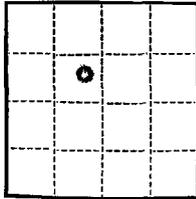
Please acknowledge receipt by returning a copy of this letter.

*Carbon Copy of letter was returned. Aug*

Yours very truly,

*J. L. Albright*  
James L. Albright,  
Geologist

JIA/k  
Enc.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. U-023542

Unit 012450

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.....	<input checked="" type="checkbox"/>
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)

Artec, New Mexico, January 12, 1962

Lisbon Federal

Well No. 2-21 is located 2140 ft. from N line and 1920 ft. from W line of sec. 21

SE 1/4 Sec. 21  
(1/4 Sec. and Sec. No.)

30 North 25 East  
(Twp.) (Range)

S.L.B.M.  
(Meridian)

Wildcat  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 1694 ft.

DETAILS OF WORK

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

Perforated from 9270-9366, 9386-9400 w/2 bullets, 2 jets per foot; ran 307 fts. 2 7/8", CP&I, 6.5#, N-80 tubing, landed at 9433.10' KB; packer (Paker Model R) set at 9240' KB.

Acidized w/15,000 gals petrafrac acid(Kerosene, HCl. mixer).

The well had a CACF of 66,000 MCF.

CHUCKE	PRESSURE	FLOW
SI	2100	
1/4	2028	3062
5/16	1991	4728
3/8	1937	6596
1/2	1777	10,674

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

Company PUBCO PETROLEUM CORP.

Address 108 West Chuska

Artec, New Mexico

By B. H. Waychoff, Jr.  
Title District Engineer

Telephone  
247-8835

**PUBCO**  
PETROLEUM CORPORATION

Well File  
RJS  
Post Office Box 1419  
Albuquerque, New Mexico

January 26, 1962

Mr. Cleon B. Feight  
UTAH OIL & GAS CONSERVATION COMMISSION  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 2, Utah

Dear Mr. Feight:

Test Production from the Pubco Lisbon Federal 2-21F for the month of January, 1962 is tabulated below.

<u>Date</u>	<u>Choke</u>	<u>TP(PSIG)</u>	<u>Gas(MCF)</u>	<u>Oil(BBLS)</u>	<u>GOR</u>	<u>HRS.</u>
Jan. 4-6	32/64	1724	16,146	217.61	74,197	52 $\frac{1}{2}$

BS&W Correction	(17.23)
Net Oil Produced	200.38
Net Oil Sold	75.82

Very truly yours,



N. E. Maxwell, Jr.  
Manager, Production Department

NEMJr/ct

cc: FDG, Jr.  
BY  
DC  
BHW  
PF

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....**December**.....19.**70**..... Report of:.....**PUBCO PETROLEUM CORPORATION**.....  
 (Name of Individual or Company)  
 Name of Lease or Unit:.....**Pubco Lisbon Federal #2-21F**..... Address:..**P.O. Box 869, Albuquerque, New Mexico, 87103**.....  
 Field or Pool:.....**Little Valley**..... County:..**San Juan**..... Phone No:..**842-1940 (505)**.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

Shut In all year

By.....*Sam J. Mengrone*.....  
 SAM J. MENGRONE, SUPERVISOR, REVENUE SECTION  
 (Title)  
 January 15, 1971  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: March 19 71 Report of: PUBCO PETROLEUM CORPORATION  
 Name of Lease or Unit: Pubco Lisbon Federal #2-21F Address: P. O. Box 869, Albuquerque, New Mexico 87103  
 Field or Pool: Little Valley County: San Juan Phone No: (505) 842-1940

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repreressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S. Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

By Sam J. Mengrone  
 Sam J. Mengrone, Supervisor, Revenue Section  
 (Title)  
 April, 5, 1971  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

*MP*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....April.....19.71..... Report of:....PUBCO PETROLEUM CORPORATION.....  
(Name of Individual or Company)  
Name of Lease or Unit:.....Pubco Lisbon Federal #2-21F..... Address: P.O.Box 869, Albuquerque, New Mexico 87103.....  
Field or Pool:.....Little Valley..... County:..San Juan..... Phone No:.....(505).842-1940.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$ -0-

\*Other Hydrocarbons Produced at Well in Liquid Form

By.....*Sam J. Mengrone*.....  
.....Sam J. Mengrone, Supervisor, Revenue Section.....  
(Title)  
.....May 4, 1971.....  
(Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

11  
P. 2

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....May.....19..71..... Report of:....PUBCO PETROLEUM CORPORATION.....  
 Name of Lease or Unit:.....Pubco Lisbon Federal #2-21F..... Address:..P.O.Box 869, Albuquerque, New Mexico 87103.....  
 Field or Pool:.....Little Valley..... County:..San Juan..... Phone No:.....(505) 842-1940.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

By.....*Sam J. Mengrone*.....  
 Sam J. Mengrone, Supervisor, Revenue Section  
 .....(title).....  
 June 3, 1971  
 .....(Date).....

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of:.....**June**.....19**71**..... Report of:.....**PUBCO PETROLEUM CORPORATION**.....  
(Name of Individual or Company)  
 Name of Lease or Unit:.....**Pubco. Lisbon. Federal. #2-21F**..... Address:..**P. O. Box 869, Albuquerque, New Mexico. 87103**.....  
 Field or Pool:.....**Little Valley**..... County:..**San Juan**..... Phone No:..**(505) 842-1940**.....

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S. Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

By: *Sam J. Mengrone*.....  
 ... **Sam J. Mengrone, Supervisor, Revenue Section.**  
(Title)  
 ... **July 6, 1971**.....  
(Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: July 19 71 Report of: PUBCO PETROLEUM CORPORATION  
 Name of Lease or Unit: Pubco Lisbon Federal #2-21F Address: P. O. Box 869, Albuquerque, New Mexico 87103  
 Field or Pool: Little Valley County: San Juan Phone No: (505) 842-1940

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

By Sam J. Mengrone  
Sam J. Mengrone, Supervisor, Revenue Section  
 (title)  
August 4, 1971  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: September 1971 Report of: PUBCO PETROLEUM CORPORATION  
 (Name of Individual or Company)  
 Name of Lease or Unit: Pubco Lisbon Federal #2-21F Address: P. O. Box 869, Albuquerque, New Mexico 87103  
 Field or Pool: Little Valley County: San Juan Phone No: (505) 842-1940

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Reprer- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S. Gov't	State	Indian				
GAS	-0-							X\$.0015	\$ -0-	
CRUDE OIL	-0-							X\$.0015	\$ -0-	
Other Hydro carbons	-0-							X\$.0015	\$ -0-	
TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....									\$ -0-	

\*Other Hydrocarbons Produced at Well in Liquid Form

By Sam J. Mengrone  
 ..... Sam J. Mengrone, Supervisor, Revenue Section  
 (Title)  
 ..... October 1, 1971  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

4

PUBCO

POST OFFICE BOX 869 • ALBUQUERQUE, NEW MEXICO 87103 • TELEPHONE (505) 842-1940

May 5, 1973

State of Utah  
Oil & Gas Conservation Commission  
1588 W. North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Effective May 1, 1973, Pubco Petroleum Corporation merged into Mesa Petroleum Co. Effective May 1, 1973, Mesa Petroleum Co. will be operator of the following well:

Lisbon Federal #2-21F, SE NW Sec. 21-30S-25E, San Juan County

If additional information is needed, please advise.

Very truly yours,

  
J.L. Farrell  
Operation Superintendent

JLF/JCJ/cm

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: JUNE 19 75 Report of: MESA PETROLEUM COMPANY  
 Name of Lease or Unit: LISBON FEDERAL # 2-21F Address: P.O. BOX 2009 AMARILLO TEXAS 79105  
 Field or Pool: LITTLE VALLEY County: SAN JUAN Phone No: (806) 372-3411

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-								X\$.0015	\$ -0-
CRUDE OIL	-0-								X\$.0015	\$ -0-
Other Hydro carbons	-0-								X\$.0015	\$ -0-

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$

\*Other Hydrocarbons Produced at Well in Liquid Form

By: Lee Forney  
LEE FORNEY - REVENUE DEPT. SUPERVISOR  
 (Title)  
JULY 21 1975  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

FORM OGC-5

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL AND GAS CONSERVATION  
 MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

Oil and Gas Report for the month of: July 1975 Report of: MESA PETROLEUM COMPANY  
 Name of Lease or Unit: LISBON FEDERAL # 2-21 F Address: POST OFFICE BOX 2009 AMARILLO, TEXAS 79105  
 Field or Pool: LITTLE VALLEY County: SAN JUAN Phone No: (806) 372-3411

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Reprerur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S.Gov't	State	Indian				
GAS	-0-								X\$.0015	\$ 0-
CRUDE OIL	-0-								X\$.0015	\$ -0-
Other Hydro carbons	-0-								X\$.0015	\$ -0-

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$

\*Other Hydrocarbons Produced at Well in Liquid Form

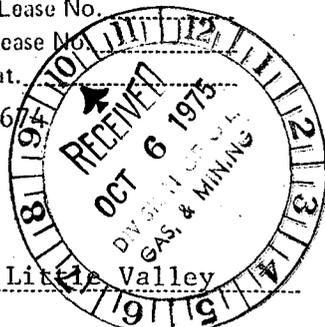
*Lee Forney*  
 LEE FORNEY - REVENUE DEPARTMENT SUPERVISOR  
 AUGUST 8, 1975

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328-5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_  
 U 09467



*k*

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Litton Valley

The following is a correct report of operations and production (including drilling and producing wells) for the month of: September, 19 75.

Agent's Address Box 2009 Company Mesa Petroleum Co.  
Amarillo, Texas 79105 Signed T. L. Slife T. L. Slife  
 Title Supervisor- Clerical Operations  
 Phone No. 806 372-3411

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 21 SE/4 NW/4	30S	25	2-21F	0	0	0	0	0	0	Shut-in

GAS: (MCF)  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: SI  
 On hand at end of month 0

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
Department of Natural Resources

MONTHLY AFFIDAVIT OF CONDITION OF OPERATOR'S RETAINING PITS

The undersigned operator of retaining pits in the State of Colorado certifies that all of its retaining pits were in compliance with Rule No. 326 of the Oil and Gas Conservation Commission during the month of September, 19 75.

OPERATOR Mesa Petroleum Co. DATE 10/1/75

BY \_\_\_\_\_

J. L. Farrell, Operations Manager

STATE OF ~~COLORADO~~ TEXAS )

) SS

CITY AND COUNTY OF ~~UNKNOWN~~ )

POTTER

Subscribed and sworn to before me this 1 day of

October, 19 75.

\_\_\_\_\_  
Notary Public

Dorothy Randle

My Commission Expires: 6/1/77

RECEIVED  
OCT 01 1975  
ACCL. DEPT.

Failure to comply with the rules and regulations of the Colorado Oil and Gas Conservation Commission can result in the penalties stated in Section 100-6-21 (2) of the Oil and Gas Conservation Act, Colorado Revised Statutes, which includes a fine of not more than five thousand dollars (\$5,000) or imprisonment for a term not exceeding six (6) months, or to both such fine and imprisonment.

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328 5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_  
 U 094674

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Little Valley

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
October, 19 75

Agent's Address Box 2009 Company Mesa Petroleum Co.  
Amarillo, Texas 79105 Signed T. L. Slife  
9/2/75 Title Supervisor- Clerical Operations  
 Phone No. 806 372-3411

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline content of gas)
Sec. 21 SE/4 NW/4	30S	25 E	2-21F	0	0	0	0	0	0	Tank Battery being constructed; pipeline contractor WO Union to receive partnership approval. Est 1st del. 11/17/75.

GAS: (MCF)  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: SI  
 On hand at end of month 0

Union Oil and Gas Division: Central Region

Union Oil Company of California  
Post Office Box 2620, Casper, Wyoming 82601  
Telephone (307) 234-1563



NOV 14 1975

November 10, 1975

United States Geological Survey  
Drawer 1857  
Roswell, New Mexico 88201

Attention: Mr. N. O. Frederick  
Area Oil & Gas Supervisor

Re: Lisbon Unit, Lisbon Field  
San Juan County, Utah  
Proposed Plan to Inject Additional  
Outside Non-unitized Gas for  
Pressure Maintenance Purposes

Gentlemen:

Union Oil Company of California, Unit Operator under the Unit Agreement for the Development and Operation of the Lisbon Unit Area (Contract No. 14-08-0001-7975), made application to the U.S.G.S. by letter dated April 4, 1968, for the Lisbon Unit to purchase the gas produced from the Big Indian Unit Well No. 1 (outside gas) to be used for pressure maintenance in the Mississippian reservoir of the Lisbon Unit. Engineering studies made at that time indicated that oil recovery efficiency could be increased by maintaining reservoir pressure. Your office approved our application by letter dated May 6, 1968. Since 1968, gas has been, and is still, being utilized from the Big Indian Unit Well No. 1 for Mississippian reservoir pressure maintenance in the Lisbon Unit.

Recent engineering studies indicate that additional gas is needed to supplement the current gas injection program in order to continue our efforts of reservoir pressure maintenance, and to arrest an active water drive which will ultimately maximize oil recovery efficiency.

Mesa Petroleum Company owns a shut-in Mississippian gas well, their Lisbon Federal 2-21F located 2140 FNL and 1820 FWL of Section 21, Township 30 South, Range 25 East, San Juan County, Utah. The Lisbon Unit Owners have negotiated a gas purchase agreement with Mesa covering their Federal 2-21F Well. The agreement provides for the Lisbon Unit Owners to install a gas pipeline from the Mesa Federal 2-21F Well to the Lisbon Unit gas gathering system (about 16,000 feet) and purchase an estimated 3-4 billion cubic feet of gas from Mesa at a delivery point downstream from the Mesa well separator at an initial rate of about three million cubic feet daily.

United States Geological Survey

Page 2

November 10, 1975

This gas is similar in quality to that produced from the Big Indian Unit No. 1 Well and that which was initially found in the Mississippian reservoir of the Lisbon Unit. Utilization of this supplemental outside gas is estimated to increase oil recovery in the Mississippian reservoir of the Lisbon Unit by an additional 220,000 barrels over present operations, as well as increase plant liquid recovery by the Lisbon processing plant. Revenue from this increased oil and plant liquid recovery will exceed the cost of installation and operation of the required pipeline facilities.

Your approval is requested for the Lisbon Unit Working Interest Owners to purchase and inject the aforementioned Mesa gas to supplement our existing pressure maintenance program. Upon injection into the reservoir, this gas would be commingled with and become a part of the Lisbon Unit reservoir gas and become available for sale at some future date.

It is further requested that at such time as sale of the Lisbon Unit residue gas is commenced, 50% of the monthly volume of the dry gas (on the basis of the methane and ethane content) going to and measured at the point of sales be royalty-free until such time as the accumulated volume of methane and ethane content sold equals the volume of methane and ethane content of the injected gas attributable to the Big Indian Unit No. 1 Well, plus the amount of methane and ethane content of the injected gas attributable to the Mesa Petroleum 2-21F Well. As previously noted, your office approved a similar proposal by the Lisbon Unit Working Interest Owners for the gas injected into the Mississippian reservoir from Big Indian Unit Well No. 1.

We propose that the theoretical ethane and lighter hydrocarbon content of the Big Indian Well No. 1 and the Mesa Petroleum 2-21F Well times the gas extraction and purification plant residue monthly volume attributable to each shall be the volume accumulated by months for royalty-free gas sales purposes.

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA

*Harold Simpson*

Harold Simpson  
District Operations Manager

HS:jh

Attachment

ATTACHMENT

1. Gas purchased from the Mesa Petroleum Company's Lisbon Federal 2-21F Well for injection into the Lisbon Unit Mississippian reservoir will be measured at the gas outlet of a gas-condensate separator to be installed near the Mesa well. Conventional acceptable gas measurement practices will be followed.
2. A record of monthly gas injection volumes and cumulative volumes will be maintained.
3. The Mesa Petroleum 2-21F Well gas production stream composition is generally comparable with Lisbon Mississippian and Big Indian Unit Well No. 1 Mississippian reservoir gas.
4. Mesa Petroleum 2-21F Well separator gas composition will be determined at least semi-annually, and attributable methane - ethane content will be computed and credited to the injection account for this gas. Presently used accounting procedures will be utilized to determine the residue attributable after processing through the Lisbon extraction plant.



November 25, 1975

State of Utah  
Department of Natural Resources  
Division of Oil and Gas  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Connie Lund

Re: Mesa Petroleum Co. Lisbon Federal #2-21, San Juan  
County, Utah

Gentlemen:

Enclosed please find copies of the requested monthly reports for the months of June and July 1975 for the captioned well. A tank battery is now being constructed, and the first sale is estimated to be in December, 1975.

Monthly state and federal reports have been mailed on a regular basis to your office indicating the well has been shut in; however, we have not directed them to your individual attention. In the future, would the USGS Form 9-329 be acceptable to you? If not, would you so advise.

Sincerely,

A handwritten signature in cursive script that reads 'T. L. Slife'.

T. L. Slife  
Supervisor, Clerical Operations

s/encl.



United States Department of the Interior

RECEIVED

DEC 8 1975

GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

December 1, 1975

Union Oil Company of California  
Attention: Mr. Harold Simpson  
P.O. Box 2620  
Casper, Wyoming 82601

Gentlemen:

Your letter of November 10, 1975, requests approval to purchase gas from the Mesa Petroleum Company Lisbon Federal 2-21F well located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 21, T. 30 S., R. 25 E., San Juan County, Utah, for additional gas injection into the Mississippian reservoir of the Lisbon unit to improve your current pressure maintenance operations. You also request that the gas so purchased from the above Lisbon Federal 2-21F well and injected into the Lisbon unit Mississippian reservoir be accounted for and subject to the same terms as the gas purchased from the Big Indian unit well No. 1 as previously approved by this office under letter dated May 6, 1968.

Your requests of November 10, 1975, are hereby approved. Accordingly, and by the same terms as approved May 6, 1968, at such time as sale of Lisbon unit residue gas is commenced, 50 percent of the monthly volume of the dry gas sales (on the basis of the methane and ethane content) going to and measured at the point of sale will be royalty free until such time as the accumulated volume of methane and ethane content sold equals the volume of methane and ethane content injected from both the Big Indian unit No. 1 well and the Mesa Petroleum 2-21F well.

You should continue the monthly report for future royalty-free gas sales purposes showing the Gas Extraction and Purification Plant residue gas monthly volume attributable to the Big Indian No. 1 well and now also attributable to the Mesa Petroleum 2-21F well.

It is requested that all interested parties be furnished evidence of this approval including the State of Utah.

Sincerely yours,

*John Duletsky*

JOHN DULETSKY

Acting Area Oil and Gas Supervisor





Union Oil and Gas Division: Central Region

Union Oil Company of California  
Post Office Box 2620, Casper, Wyoming 82601  
Telephone (307) 234-1563

J



December 17, 1975

Utah Oil and Gas Conservation Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Mr. Cleon Feight

Re: Added Outside Gas Injection  
Lisbon Unit  
Lisbon Field  
San Juan County, Utah

Gentlemen:

Attached please find a copy of our application to the U.S.G.S. and a copy of their approval letter to provide for additional sources of outside gas (non-indigenous) for the pressure maintenance program in the Lisbon Unit, Lisbon Field, San Juan County, Utah.

Basically, the plan provides for the purchase of gas from the Mesa Petroleum 2-21F Well (NW/4 of Section 21, T30S, R25E) which has been a shut-in Mississippian gas well. This gas will supplement the Lisbon Unit cycled gas and the gas being purchased from the Union Oil Big Indian Unit Well No. 1 outside gas. Also, it would be sold at the time of blowdown and sale of the Lisbon Unit gas.

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA

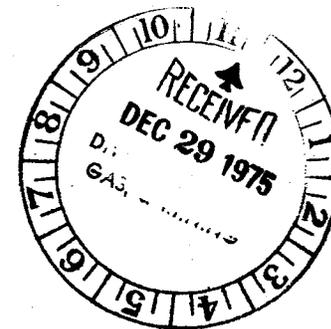
Harold Simpson  
District Operations Manager

HS:jh

Attachments



File under



STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL AND GAS CONSERVATION  
 MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

FORM OGC-5

Oil and Gas Report for the month of: NOVEMBER 1975 Report of: MESA PETROLEUM COMPANY  
 Name of Lease or Unit: LISBON FEDERAL # 2-21 F Address: POST OFFICE BOX 2009 AMARILLO, TEXAS 79105  
 Field or Pool: LITTLE VALLEY County: SAN JUAN Phone No: (806) 372-3411

(1) Product	(2) Sales In Barrels or MCF	(3) Market Value per barrel or MCF	(4) Gross Market Value	(5) Royalties Due or Paid			(6) Amount used in pro- ducing, Repressur- ing or Recycling operations (\$)	(7) Total Amount Assessable (Col. 4 less Col. 5 & 6)	(8) Levy 1 1/2 Mills on \$ Value	(9) Amount Due DOGC
				U.S. Gov't	State	Indian				
GAS	-0-								X\$.0015	\$ -0-
CRUDE OIL	-0-								X\$.0015	\$ -0-
Other Hydrocarbons	-0-								X\$.0015	\$ -0-

TOTAL AMOUNT DUE THE DIVISION OF OIL AND GAS CONSERVATION.....\$

\*Other Hydrocarbons Produced at Well in Liquid Form

By: Lee Forney  
 LEE FORNEY ..... REVENUE DEPARTMENT SUPERVISOR  
 (Title)  
 ..... DECEMBER 22, 1975 .....  
 (Date)

INSTRUCTIONS: Complete this form in triplicate and mail 2 copies to the Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah, 84116, together with your check, which should be made payable to the Division of Oil and Gas Conservation.

August 24, 1978

MEMO TO FILE

Re: Mesa Petroleum  
Lisbon Federal #2-21F  
SE NW  
Sec. 21, T. 30S, R. 25E  
San Juan County, Utah

This office was informed that Mesa Petroleum spudded the above well on August 23, 1978. Loffland Drilling Company is the prime contractor. The rig number was unavailable at the time of the call.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER  
DIVISION OF OIL, GAS, & MINING

PLD/lw  
cc: U.S. Geological Survey  
Jerry Long

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
JUN 07 1990

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Mesa Operating Limited Partnership

3. ADDRESS OF OPERATOR  
P.O. Box 2009, Amarillo, Texas 79189

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2140' FNL & 1820' FWL

5. LEASE DESIGNATION AND SERIAL NO.  
42-094674

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
P.B.W.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
LISBON FEDERAL

9. WELL NO.  
2-21F

10. FIELD AND POOL, OR WILDCAT  
Little Valley Devonian

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21-30S-25E

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

14. PERMIT NO.  
43-037-15768

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

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) <input type="checkbox"/>	
(Other) Flare Well	<input checked="" type="checkbox"/>		

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.)\*

Mesa obtained verbal permission on 6/1/90 from the BLM District office in Moab, Utah to flare the subject well for a maximum of seven (7) days due to pipeline shutin by Rocky Mountain Natural Gas. This well is a high water producer, making 330 barrels of water per day @ 1600 MCFD and could be lost if forced to shut in. The well began flaring gas at 0730 hrs on 6/2/90 at a rate of 1550 MCFD and 300 BWPD with an FTP of 780 psi. Attempts to reduce the well further were abandoned when the well began loading up.

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2- MICROFILM ✓	
3- FILE	

xc: BLM-Moab (0+2), Utah DOGM, Prod, Reg, Prod Acctg, Expl.

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

SIGNED R. E. Mathis TITLE Regulatory Agent DATE 6/4/90

(This space for Federal or State office use)

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

DATE: 6-11-90  
BY: John R. Bay

\*See Instructions on Reverse Side



RECEIVED

JUN 24 1991

DIVISION OF  
OIL GAS & MINING

June 21, 1991

State of Utah  
Division of Oil & Gas and Mining  
#3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Harold Black

Subject: Mesa Operating Limited Partnership  
Lisbon Federal 2-21F - 43-037-15768  
San Juan County, Utah

In response to phone conversation held this date, please find enclosed copies of correspondence between Mesa and the BLM regarding the flaring of gas from the subject well during March of this year.

Please feel free to call me with any questions.

Sincerely,

R. E. Mathis, C.E.P.  
Environmental Coordinator

dp

xc: Engineering  
Operations Services



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

3160  
(U-094674)  
(U-065)

MAR 12 1991

Mr. R. E. Mathis  
Mesa Limited Partnership  
P. O. Box 2009  
Amarillo, Texas 79189-2009

Production Registration

Re: Approval to Flare  
Lisbon Federal 2-21F  
Lease U- 094674  
San Juan County, Utah

MAR 15 1991

*REM*

Dear Mr. Mathis:

We are in receipt of Mesa's March 1, 1991 correspondence wherein Mesa provides notification that the above referenced well had gone to flare due to plant maintenance shutdown by Rocky Mountain Natural Gas Company. After lengthy discussions between Mesa and the Bureau of Land Management and review of technical data, we are in agreement with Mesa's contention that a prolonged shut-in of this well could result in premature abandonment of the reservoir and ultimate loss of recoverable reserves. Based on this consideration, we are hereby rescinding our shut-in order of March 4, 1991 (INC #FA0091051) and you are hereby approved to vent the gas from this well. This approval is subject to the following conditions:

1. Flaring is limited to a 30 day timeframe, starting with the day flaring commenced, March 2, 1991. Any flaring beyond this date will require further approval prior to the end of the 30 day authorized period.
2. Flaring will be reduced to the smallest volume possible, between 1200 and 1500 MCF/D.
3. Mesa will accurately measure and report the volumes flared to the Minerals Management Service on it's the Monthly Report of Operations.
4. Mesa will provide an analysis to this office, within two weeks from receipt of this approval, of the comparative volumes of gas lost due to flaring as opposed to volumes lost through premature abandonment of reserves as a result of a 30 day shut-in.

RECEIVED

JUN 25 1991

DIVISION OF  
OIL GAS & MINING

ORIG: Prod Admin  
KC: PROD  
ENG  
PRODUCTS  
WELL FILE  
3-19-91

5. Due to the large amounts of gas to be flared, we are requesting that Mesa review options for conservation of the gas resource for future situations such as this. Such options could include storage of the gas or rerouting production to some other pipeline system. We would request that you address this possibility and include in your analysis submitted with item #4 above.

Based on our analysis of the situation we do not consider flaring, as a result of gas plant maintenance, to constitute an emergency situation as provided for under NTL-4A. As such, we have determined the gas to be flared to be avoidably lost and therefore subject to royalty.

Since this decision can be considered to be an adverse action you have the right to request a State Director Review as specified in 43 CFR 3165.3(b). Such request, including all supporting documentation must be filed in writing within twenty (20) business days of receipt of this decision to: State Director (U-920), Bureau of Land Management, PO Box 45155, Salt Lake City, Utah, 84145-0155.

Any questions you may have regarding the foregoing may be directed to Lynn Jackson or Dale Manchester in our District Office at (801) 259 6111.

Sincerely yours,

*William C. Stinger*

Assistant District Manager  
Mineral Resources

cc:  
U-920, Utah State Office  
U-068, Grand Resource Area

**RECEIVED**

JUN 2<sup>4</sup> 1991

DIVISION OF  
OIL GAS & MINING

**ROCKY MOUNTAIN NATURAL GAS COMPANY**

POST OFFICE BOX 15265  
LAKEWOOD, COLORADO 80215  
TELEPHONE: 303-989-1740

Received  
Mesa Limited Partnership

MAR 22 1991

Copy To:  
CJT  
DEF  
GSD  
REM  
KAS  
DAH

K-4303

DAH/JWM/KAS/JCS

March 22, 1991

Received  
Production Administration

MAR 25 1991

Mesa Limited Partnership  
One Mesa Square  
P.O. Box 2009  
Amarillo, TX 79189

Re: Slick Rock Plant Shutdown

Dear D'Nard:

Rocky Mountain Natural Gas understands your dilemma with the BLM concerning the Flaring of gas for 30 days from the Lisbon Federal 2-21 in San Juan County, Utah. RMNG anticipates to be in a position to commence start-up of the Slick Rock Plant by April 1, 1991, barring any unforeseen problems. I have been updated by our Production Superintendent this morning that we still have at least 2-3 days of welding scheduled at the plant.

RMNG regrets the inconvenience this may have caused and will do everything possible to have the plant on-line by April 1, 1991.

Sincerely,



Jim Weber

ph

cc: Bill Stanley; Glenwood Springs  
Coy Stocking; Slick Rock Plant

**RECEIVED**

JUN 25 1991

DIVISION OF  
OIL GAS & MINING



MEMORANDUM

Rec'd  
Production Administration

APR 15 1991

To: R.E. Mathis

Date: April 11, 1991

Subject: Approval to Flare  
Lisbon Federal 2-21 F  
San Juan County, Utah

The purpose of this memo is to respond to the conditions set out in BLM'S approval to flare letter dated March 12, 1991.

The subject well was flared beginning March 2, 1991 and was put back on line April 1, 1991. The total volume flared during this period was 43,500 Mcf. It is my understanding that Mesa must pay royalty on all volumes flared after 6 days or 34,800 Mcf.

It is likely that an extended shut-in period for the Lisbon Federal 2-21 F well would result in the loss of approximately 1,150 MMcf of remaining reserves. This estimate assumes that the current producing gas to liquid ratio of 4300 scf per barrel continues to decrease at current trends (approximately 28 percent per year). Based upon calculated flowing pressure gradients, the well should cease to produce at a gas to liquid ratio of approximately 2,000 scf per barrel. With the current 12 percent per year gas decline rate, the well should produce approximately 1,150 MMcf prior to reaching a gas to liquid ratio of 2,000 scf per barrel.

The projected loss of reserves due to an extended shut-in period is supported by well history. The well was shut-in for the period June 11, 1987 to August 19, 1987 at the request of the gas purchaser. Thirteen days of swabbing, nitrogen injection and venting were required to return the well to production at a cost of approximately \$24,000.

Gas to liquid ratios prior to the shut-in period averaged approximately 10,000 scf per barrel. Following the shut-in period, gas to liquid ratios dropped to 3,333 scf per barrel gradually increasing over several months. The current gas to liquid ratio is approximately 4300 scf per barrel. If the well were shut-in for an extended period and the gas to liquid ratio were to decrease by a factor of three as it did during the 1987 shut-in period, it is not likely that enough liquid could be unloaded from the well to return it to production.

Based upon the difficulty in returning the well to production in 1987, the comparatively lower gas to liquid ratio (current versus 1987) and declining reservoir pressure, it is reasonable to assume that an extended shut-in period for the Lisbon Federal 2-21 F would result in premature abandonment.

RECEIVED

JUN 25 1991

DIVISION OF  
OIL GAS & MINING

Mesa's marketing department has determined that no options exist for re-routing production in the event Rocky Mountain Natural Gas Company is unable to take the gas. No other pipelines or storage fields are available in the area. Mesa's options in the event of a pipeline interruption are to shut the well in and risk premature abandonment or flare the gas until pipeline access can be regained.

*Kerr*  
K.H. Sheffield, Jr.

dlp

XC: D.E. Fagerstone  
E.E. Hance  
D.A. Hemphill  
R.N. Wagner

RECEIVED

JUN 25 1991

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**42-094674**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

8. Well Name and No.

**Lisbon Federal #2-21F**

9. API Well No.

**43-037-15768**

10. Field and Pool, or Exploratory Area

**Little Valley Devonian**

11. County or Parish, State

**San Juan Co., Utah**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Mesa Operating Limited Partnership**

3. Address and Telephone No.

**P.O. Box 2009, Amarillo, TX 79189**

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

**2140' FNL & 1820' FWL Sec. 21-30S-25E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Return to Production</b>
	<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.)\*

The above referenced well was returned to production at 1100 (local) on 4-1-91. The volume of gas flared was 43,500 mcf of which 34,800 mcf is subject to compensatory royalty and has been reported on the Monthly Report of Operations to the MMS.

A copy of the area engineer's memorandum regarding the flaring of this well is attached for your information/use per your letter of 3-12-91.

xc: BLM-Moab (0+2), Utah DOGM, Prod., Prod. Acctg., Well File, Prod. Adm. 4-24-91

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

Signed

*R. E. Mathias*

Title

Environmental Coordinator

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

JUN 25 1991

RECEIVED 4-23-91



July 9, 1991

RECEIVED

JUL 15 1991

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

ATTN: HAROLD BLACK

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL 2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your view a copy of the sundry  
filed with the BLM regarding the flaring of the subject  
well to be done July 16th due to pipeline repair.

If you have any questions, please contact me.

Deana R. Rea  
Regulatory

drr

xc: ENGINEERING  
OPERATIONS SERVICES

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 15 1991

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

SUNDRY NOTICES AND REPORTS ON WELLS

DIVISION OF  
OIL GAS & MINING

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

3. Address and Telephone No.

P.O. BOX 2009 AMARILLO TX 79189

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

2140' FNL & 1820' FWL SEC. 21-30S-25E

5. Lease Designation and Serial No.

42-084674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LISBON FEDERAL #2-21

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, NM

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

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

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

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

NOTICE IS HEREBY GIVEN THAT THE SUBJECT WELL WILL BE FLARED ON JULY 16TH FOR A DURATION OF 8 TO 24 HOURS DUE TO PIPELINE REPAIR. A METER HAS BEEN INSTALLED IN WHICH ALL GAS WILL BE MEASURED.

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

Signed Diana Q. Orea Title ADMINISTRATIVE CLERK Date 7-9-91

(This space for Federal or State office use)

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



RECEIVED

JUL 22 1991

DIVISION OF  
OIL GAS & MINING

July 17, 1991

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

ATTN: HAROLD BLACK

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL #2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your view a copy of the sundry notice filed with the BLM regarding the flaring of the subject well that was flared on Tuesday, July 16, 1991.

If you have any questions, please contact me.

Deana R. Rea  
Regulatory

drr

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

**RECEIVED**

**JUL 22 1991**

**DIVISION OF  
OIL GAS & MINING**

5. Lease Designation and Serial No.  
**42-094674**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**LISBON FEDERAL # 2-21F**

9. API Well No.  
**43-037-15768**

10. Field and Pool, or Exploratory Area  
**LITTLE VALLEY DEVONIAN**

11. County or Parish, State  
**SAN JUAN COUNTY, UTAH**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**MESA OPERATING LIMITED PARTNERSHIP**

3. Address and Telephone No.  
**P.O. BOX 2009, AMARILLO, TEXAS 79189**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2140' FNL & 1820' FWL SEC. 21-30S-25E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>RETURN TO PRODUCTION</b>
	<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.)\*

THE ABOVE REFERENCED WELL FLARED GAS ON TUESDAY, JULY 16, 1991 FOR A DURATION OF 6 HOURS FROM 7:30 AM TO 1:30 PM MST. WELL FLARED TO THE ATMOSPHERE APPROXIMATELY 300 MCFPD. RETURNED WELL TO PRODUCTION JULY 16, 1991.

xc: BLM-MOAB (0+2), UTAH DOGM, PROD, REG, PROD ACCTG, EXPL. OPS SERV, WF

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

Signed *Deana P. Cox* Title ADMINISTRATIVE CLERK Date 7-17-91

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

42-094674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LISBON FEDERAL # 2-21F

9. API Well No.

42-037-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, UTAH

SUBMIT IN TRIPLICATE

RECEIVED

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

SEP 13 1991

3. Address and Telephone No.

P.O. BOX 2009 AMARILLO TX 79189

DIVISION OF

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

2140' FNL & 1820' FWL  
SEC. 21-30S-25E

OIL GAS & MINING

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

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

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

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

THE ABOVE REFERENCED WELL FLARED FOR APPROXIMATELY 12 HOURS FROM Sept. 8, 1991 7 P.M. TO SEPT. 9, 1991, 7 A.M. MST. APPROXIMATELY 800 MCF FLARED TO THE ATMOSPHERE, 240 BW TO PIT, AND 2-3 BCNDSATE WERE SUCKED UP AND DISPOSED OF. RETURNED WELL TO PRODUCTION SEPT. 9, 1991. VERBAL NOTIFICATION @ 1610 MST ERIC JONES W/MOAB BLM.

xc: BLM-MOAB (0+2), UTAH DOGM, PROD, REG, PROD ACCTG, EXPL, WF

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

Signed Deana Q. Dec

Title ADMINISTRATIVE CLERK

Date 9-10-91

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

REPORT OF SPILL  
DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH

Reporting Company: MESA PETROLEUM

Reported received by: Written Report \_\_\_\_\_ Telephone X

Call Received by: JIM THOMPSON Date: 9-9-91 Time: 4:15PM

Location: 1/4 1/4 Section 21 Township 30S Range 25E

County: SAN JUAN Lease: Federal \_\_\_\_\_ State \_\_\_\_\_ Indian X Fee \_\_\_\_\_

Well No. LISBON UNIT 2-21F API No. 43-037-15768

Tank Battery: Yes \_\_\_\_\_ Battery Name: \_\_\_\_\_

Date of Discharge: 9-8-91 Time of Discharge: 7:00PM

Type of Spill: Oil 3 Bbls Produced Water: 240 Bbls Gas: 800MCF

Amount Recovered: Oil \_\_\_\_\_ Bbls Produced Water: \_\_\_\_\_ Bbls

Time to control discharge: 12 hrs after discovery

Discharge contained on lease: Yes X No \_\_\_\_\_

Other lands affected: BLM \_\_\_\_\_ Indian \_\_\_\_\_ State \_\_\_\_\_ Fee \_\_\_\_\_

Other agencies contacted: BLM \_\_\_\_\_ BIA \_\_\_\_\_ EPA \_\_\_\_\_ Health \_\_\_\_\_ DNR \_\_\_\_\_

How discharge occurred: REGULATOR MALFUNCTION SENT GAS TO FLARE, WATER AND OIL TO PIT.

Method of cleanup: VACUUM TRUCK PICKED UP FLUIDS FROM PIT AND DISPOSED OF

Action taken to prevent recurrence: CLEANED REGULATOR.

Suspense to: \_\_\_\_\_ Date: \_\_\_\_\_



RECEIVED

NOV 08 1991

DIVISION OF  
OIL GAS & MINING

NOVEMBER 5, 1991

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

ATTN: JIM THOMPSON

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL # 2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your view a copy of the Sundry Notice filed with the BLM regarding the flaring of the subject well that went to flare October 29, 1991 due to freezing of the gas supply to the controller. The well flared approximately 9 hours.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Deana R. Rea  
Operations Services

drr

attachments

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.  
**42-094674**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**LISBON FEDERAL # 2-21F**

9. API Well No.  
**42-037-15768**

10. Field and Pool, or Exploratory Area  
**LITTLE VALLEY DEVONIAN**

11. County or Parish, State  
**SAN JUAN COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**MESA OPERATING LIMITED PARTNERSHIP**

3. Address and Telephone No.  
**P.O. BOX 2009 AMARILLO TX 79189**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2140' FNL & 1820' FWL  
SEC. 21-30S-25E**

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

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

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.)\*

THE ABOVE REFERENCED WELL FLARED FOR APPROXIMATELY 9 HOURS FROM 12 MIDNIGHT OCTOBER 29, 1991 TO 9:00 A.M. OCTOBER 30, 1991. APPROXIMATELY 548 MCF FLARED TO THE ATMOSPHERE. THE SUBJECT WELL'S SUPPLY GAS FREEZE TO THE CONTROLLER FREEZED. WELL RETURNED TO PRODUCTION OCTOBER 29, 1991.

**RECEIVED**  
NOV 08 1991  
DIVISION OF  
OIL GAS & MINING

xc: BLM-MOAB (0 + 2), UTAH DOGM, PROD, REG, PROD ACCTG, EXPL, WF, LAND

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

Signed *Alana P. Sea* Title ADMINISTRATIVE CLERK Date 11-5-91

(This space for Federal or State office use)

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

42-094674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

3. Address and Telephone No.

P.O. BOX 2009, AMARILLO, TX 79189-2009, (806)378-1000

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

2140' FNL & 1820' FWL  
SEC. 21-T30S, R25E

8. Well Name and No.

LISBON FEDERAL #2-21F

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other NTL-2B

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

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

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

MESA INTENDS TO UTILIZE THE SPILLER CANYON STATE #1 DISPOSAL WELL OPERATED BY WEST HAZMAT OIL FIELD SERVICES, INC. IN SEC. 16, T30S, R25E, SAN JUAN COUNTY, UTAH FOR DISPOSAL OF PRODUCED WATER NOW AUTHORIZED FOR DISPOSAL IN THE KEYSTONE (SHUT DOWN) AND CISCO PITS. WATER WILL BE USED FOR WELL OPERATIONS AND INJECTIVITY TESTS AT THE SPILLER CANYON STATE #1 WELL UNTIL FINAL AUTHORIZATION IS OBTAINED FROM THE STATE OF UTAH AS A CLASS II DISPOSAL WELL.

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

Date: 1-23-92

By: [Signature]

\* Limited by volume required  
for testing.

RECEIVED

JAN 17 1992

DIVISION OF  
OIL GAS & MINING

XC: BLM-MOAB (ORIG. + 2); UTAH DOGM, WELL FILE, E&P, LAND (LAS COLINAS), PROD., OPS. SERV.

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

Signed R.E. Markie Title ENVIRONMENTAL COORDINATOR Date 1-14-92

(This space for Federal or State office use)

Approved by Federal Approval of this Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any Action is Necessary



FEBRUARY 6, 1992

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

ATTN: HAROLD BLACK

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL #2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your view a copy of the Sundry Notice filed with the BLM regarding the flaring of the subject well that went to flare February 6, 1992 due to freezing of the gas line. The well flared approximately one (1) hour with approximately 109 MCF went to flare.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Deana R. Rea  
Operations Services

drr

Enclosures

RECEIVED

FEB 10 1992

DIVISION OF  
OIL GAS & MINING

MESA LIMITED PARTNERSHIP

ONE MESA SQUARE / POST OFFICE BOX 2009 / 806 378-1000 / AMARILLO, TEXAS 79189-2009

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.

42-094674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

3. Address and Telephone No.

P.O. BOX 2009 AMARILLO TX 79189

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

2140' FNL & 1820' FWL  
SEC. 21-30S-25E

8. Well Name and No.

LISBON FEDERAL #2-21F

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, UTAH

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

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

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

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

THE ABOVE REFERENCED WELL FLARED FOR APPROXIMATELY ONE (1) HOUR FROM 12 TO 1 MTN, FEBRUARY 6, 1992. APPROXIMATELY 109 MCF FLARED TO THE ATMOSPHERE DUE TO FREEZE IN GAS LINE. WELL RETURNED TO PRODUCTION FEBRUARY 6, 1992.

RECEIVED

FEB 10 1992

DIVISION OF  
OIL GAS & MINING

xc: BLM-MOAB (0 + 2), UTAH DOGM, WF, REG, PROD, PROD ACCTG, LAND, EXPL

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

Signed Alicia R. Rea

Title ADMINISTRATIVE CLERK

Date 2-6-92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_



RECEIVED

FEB 24 1992

DIVISION OF  
OIL GAS & MINING

FEBRUARY 19, 1992

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

ATTN: HAROLD BLACK

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL #2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your records a copy of the Sundry Notice filed with the BLM regarding the flaring of the subject well that was flared February 16, 1992.

If you have any questions, please contact me.

Very truly yours,

Deana R. Rea  
Operations Services

drr

Enclosures

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.

42-094674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LISBON FEDERAL #2-21F

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

3. Address and Telephone No.

P.O. BOX 2009 AMARILLO TX 79189

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

2140' FNL & 1820' FWL  
SEC. 21-30S-25E

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other RETURN TO PRODUCTION

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

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

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

THE ABOVE REFERENCED WELL FLARED FOR APPROXIMATELY TWO (2) HOURS FROM 4 TO 6 PM FEBRUARY 16, 1992. APPROXIMATELY 105.9 MCF FLARED TO THE ATMOSPHERE DUE TO FREEZE IN GAS LINE. WELL RETURNED TO PRODUCTION FEBRUARY 16, 1992.

RECEIVED

FEB 24 1992

DIVISION OF  
OIL GAS & MINING

xc: BLM-MOAB (0 + 2), UTAH DOGM, WF, REG, PROD, PROD ACCTG, LAND, EXPL

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

Signed Alana C. Lee

Title ADMINISTRATIVE CLERK

Date 2-19-92

(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.

\*See Instruction on Reverse Side



MARCH 3, 1992

RECEIVED

MAR 09 1992

STATE OF UTAH  
DIVISION OF OIL & GAS MINING  
#3 TRIAD CENTER, SUITE 350  
SALT LAKE CITY UT 84180-1203

DIVISION OF  
OIL GAS & MINING

ATTN: HAROLD BLACK

SUBJECT: MESA OPERATING LIMITED PARTNERSHIP  
LISBON FEDERAL #2-21F  
SAN JUAN COUNTY, UTAH

Please find enclosed for your view a copy of the Sundry Notice filed with the BLM regarding the flaring of the subject well that was flared on March 3, 1992 for approximately six (6) hours due to freeze in the main gas sales line.

If you have any questions, please contact me.

Very truly yours,

Deana R. Rea  
Operations Services

drr

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

**RECEIVED**

**MAR 09 1992**

**DIVISION OF  
OIL GAS & MINING**

5. Lease Designation and Serial No.

42-094674

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LISBON FEDERAL #2-21F

9. API Well No.

42-027-15768

10. Field and Pool, or Exploratory Area

LITTLE VALLEY DEVONIAN

11. County or Parish, State

SAN JUAN COUNTY, UTAH

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

MESA OPERATING LIMITED PARTNERSHIP

3. Address and Telephone No.

P.O. BOX 2009 AMARILLO TX 79189

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

2140' FNL & 1820' FWL  
SEC. 21-30S-25E

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

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

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

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

THE ABOVE REFERENCED WELL FLARED FOR APPROXIMATELY SIX (6) HOURS FROM 2:30 AM TO 8:30 AM MARCH 3, 1992. APPROXIMATELY 347 MCF FLARED TO THE ATMOSPHERE DUE TO LINE FREEZE PROBLEMS IN GAS SALES MAIN LINE. NO LIQUIDS WERE FOUND ON THE GROUND. WELL RETURNED TO PRODUCTION MARCH 3, 1992.

XC: BLM-MOAB (0 + 2), UTAH DOGM, WF, REG, PROD, PROD ACCTG, LAND, EXPL

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

Signed Alana R. [Signature]

Title ADMINISTRATIVE CLERK

Date 3-3-92

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

REPORT OF SPILL  
DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH

Reporting Company: MESA

Reported received by: Written Report \_\_\_\_\_ Telephone X

Call Received by: FRANK MATTHEWS Date: 3-13-92 Time: 3:30 PM

Location: 1/4 1/4 Section 21 Township 30S Range 25E

County: SAN JUAN Lease: Federal X State \_\_\_\_\_ Indian \_\_\_\_\_ Fee \_\_\_\_\_

Well No. LISBON FEDERAL 2-21F API No. 43-037-15768

Tank Battery: Yes \_\_\_\_\_ Battery Name: \_\_\_\_\_

Date of Discharge: 3-13-92 Time of Discharge: 11:30 AM

Type of Spill: Oil \_\_\_\_\_ Bbls Produced Water: \_\_\_\_\_ Bbls Gas: X MCFS

Amount Recovered: Oil \_\_\_\_\_ Bbls Produced Water: \_\_\_\_\_ Bbls

Time to control discharge: \_\_\_\_\_ hrs after discovery

Discharge contained on lease: Yes \_\_\_\_\_ No X

Other lands affected: BLM \_\_\_\_\_ Indian \_\_\_\_\_ State \_\_\_\_\_ Fee \_\_\_\_\_

Other agencies contacted: BLM X BIA \_\_\_\_\_ EPA \_\_\_\_\_ Health \_\_\_\_\_ DNR \_\_\_\_\_

How discharge occurred: PIPE LINE CO. SHUT IN GAS LINES, CAUSING THE WELLS TO FLARE. PIPE LINE CO FAILED TO NOTIFY THE OIL COMPANIES.

Method of cleanup: UNKNOWN AMOUNT OF GAS WAS FLARED. WRITTEN REPORT WILL FOLLOW.

Action taken to prevent recurrence: \_\_\_\_\_

Suspense to: RWM-WELL FILE Date: 3-17-92



RECEIVED

DEC 28 1992

DIVISION OF  
OIL GAS & MINING

December 18, 1992

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Ste 350  
Salt Lake City UT 84180-1203

Gentlemen:

Subject: Mesa Operating Limited Partnership  
Lisbon-Federal 2-21F 42-037-15768  
Lease UTU094674 SEC 21 T305, R25E  
San Juan County, Utah

For your information and file/reference, please find enclosed a copy of correspondence from the Bureau of Land Management concerning the shut-in status of the subject well.

Very truly yours,

Deana R. Rea  
Operations Services

drr

Encl



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

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

3103  
3107  
(U-094674)  
(U-065)  
*DRP File*

OPERATIONS  
OFFICE SERVICES  
JUN 12 1992  
JUN 10 1992  
*RPL*

ORIG: WELL FILE  
LCO  
XC: OPER. SERV  
GSD  
LAND ADMIN  
KIP  
R. ANDREWS  
DEF  
EEH

Mr. R. L. Goggins  
Mesa Limited Partnership  
P. O. Box 2009  
Amarillo, Texas 79189-2009

Re: Lisbon-Federal 2-21F  
Lease UTU094674  
San Juan County, Utah

43-037-15768 305,25E  
SEC. 21

Dear Mr. Goggins:

With regards to your letter dated May 5, 1992 (copy enclosed) and telephone conversations between yourself and Dale Manchester, BLM, Moab District Office, the referenced well will be accepted as a shut-in gas (GSI) well due to unforeseen circumstances at the Slick Rock Gas Plant. The BLM recognizes this well as a well that is capable of production in paying quantities on a lease basis (capable of paying daily operating expenses) and therefore will hold the lease in its extended term. However, because of the probability that the Slick Rock Gas Plant will be down indefinitely due to gas plant economics, it will be required of Mesa Limited Partnership (Mesa) to perform a 24 hr. well test if the well remains in a GSI status two years from the shut-in date, until April 30, 1994. A successful productive test would allow Federal lease UTU094674 to remain in its extended term for an additional two years.

Also with reference to your May 5, 1992 letter and telephone conversations between yourself and Dale Manchester, Mesa is seeking relief from paying rentals or minimum royalties during the shut-in period under a suspension of production (the suspension of production was not specifically requested within the May 5, 1992 letter, however this was confirmed after follow-up telephone conversations). After reviewing this request for a suspension of production under 43 CFR 3103.4-2 and Section 17(f) of the Mineral Leasing Act, this action would not benefit Mesa because under a suspension of production the payment of rental or minimum royalty are not suspended. Therefore, Mesa will be required to continue to make rental payments for lease UTU094674.

If you have any questions, contact either Dale Manchester or Eric Jones in the Moab District Office at (801) 259-6111.

Sincerely yours,



Assistant District Manager  
Mineral Resources

Enclosure:  
Mesa's May 5, 1992 letter

**Acting**

cc:  
Mr. Ronnie Nutt (w/Enclosure)  
Mesa Limited Partnership  
5205 North O'Connor Boulevard, Suite 1400  
Irving, Texas 75039-3748  
U-068, BLM, Grand Resource Area Office (w/Enclosure)

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT  
 MESA OPER LTD PARTNERSHIP  
 PO BOX 2009  
 AMARILLO TX 79189-2009

UTAH ACCOUNT NUMBER: N0640

REPORT PERIOD (MONTH/YEAR): 5 / 94

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
4303715768	00410	30S 25E 21	MSSP		U-012450			
<b>TOTALS</b>								

COMMENTS: \* Btm / Moab Lease from U-012450 to U-094674 eff. 7/62. See (system updated)

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



3100  
U-012451 et al  
(UT-942)

MAY 18 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

Mesa Operating Co. : Oil and Gas Leases  
5205 No. O'Connor Blvd., #1400 : U-012451 et al  
Irving, Texas 75039-3746 :

Name Change Recognized

Sufficient evidence has been filed in this office that Mesa Operating Limited Partnership has changed its name to Mesa Operating Co.

The records of the following leases have been amended to reflect this change.

U-012451	U-52471
U-094674	U-56840

A rider has been submitted to the Wyoming State Office reflecting this name change on BLM Nationwide Bond WY2140. The rider has been accepted.

/s/ ROBERT LOPEZ

Chief, Minerals  
Adjudication Section

bc: Moab District Office  
MMS, Rental Status  
MMS, Producing Status

cc: GRA  
SSRH  
AIRS  
w/zc/rk

cc: DOGM 6/23/94 VB

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:	
1 LEC	7-PL ✓
2 LWP	8-SJ ✓
3 DTS	9-FILE ✓
4 VLC	✓
5 RJF	✓
6 LWP	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~)       Designation of Agent  
 Designation of Operator       Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-16-94)

TO (new operator) <u>MESA OPERATING CO.</u>	FROM (former operator) <u>MESA OPER LTD PARTNERSHIP</u>
(address) <u>PO BOX 2009</u>	(address) <u>PO BOX 2009</u>
<u>AMARILLO, TX 79189-2009</u>	<u>AMARILLO, TX 79189-2009</u>
phone (806) <u>378-1000</u>	phone (806) <u>378-1000</u>
account no. <u>N 0205 (6-30-94)</u>	account no. <u>N 0640</u>

Well(s) (attach additional page if needed):

Name: <u>LISBON FED 2-21F/MSSP</u>	API: <u>43-037-15768</u>	Entity: <u>410</u>	Sec <u>21</u> Twp <u>30S</u> Rng <u>25E</u>	Lease Type: <u>J094674</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(phone verification)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #180146. *(eff. 2/94)*
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(6-30-94)*
- Lee 6. Cardex file has been updated for each well listed above. *6-30-94*
- Lee 7. Well file labels have been updated for each well listed above. *6-30-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(6-30-94)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- N/A/ Lee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

**FILMING**

1. All attachments to this form have been microfilmed. Date: July 8 19 94.

**FILING**

- \_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

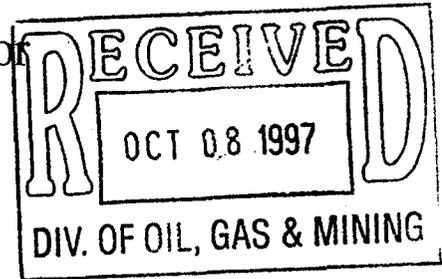
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



In Reply Refer To:  
3100  
U-012451 et al  
(UT-932)

OCT 7 1997

NOTICE

Pioneer Natural Resources USA, Inc. : Oil and Gas  
5205 N. O'Connor Blvd., Suite 1400 : U-012451 et al  
Irving, Texas 75039-3746 :

Merger Recognized  
Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Parker & Parsley Petroleum Company into Mesa Operating Company, and then a subsequent name change to Pioneer Natural Resources USA, Inc. Acceptable evidence has also been filed in this office concerning the merger of Parker & Parsley Petroleum USA Inc., and Parker & Parsley Development L.P. into Pioneer Natural Resources USA, Inc. with Pioneer Natural Resources USA, Inc. being the surviving entity.

The following oil and gas lease files have been noted as to the merger.

U-012451	U-52471	UTU-74952
U-094674	UTU-65471	UTU-76324
U-40053	UTU-65920	UTU-76325
U-44822	UTU-65921	UTU-76451

We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

A nationwide bond (BLM Bond No. MT0956) in the name of Pioneer Natural Resources USA, Inc. has been filed in the Montana State Office. It was accepted effective August 29, 1997. A bond rider is to be filed in the Montana State Office accepting all prior liabilities for Mesa Operating Company's nationwide bond (BLM WY2140) and Parker & Parsley Development L. P.'s nationwide bond (BLM Bond No. CO1153).

ROBERT LOPEZ

Robert Lopez  
Group Leader,  
Minerals Adjudication Group

cc: Moab District Office  
Vernal Field Office  
MMS--Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, Division of Oil, Gas and Mining, Attn: Lisha Cordava (Ste. 1210),  
P.O. Box 145801, Salt Lake City, UT 84114-5801

bc: Teresa Thompson (UT-930)  
Irene Anderson (UT-932)

CMERRITT/PIONENCH

**OPERATOR CHANGE WORKSHEET**

Routing	
1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KAS ✓
3-DPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~)       Designation of Agent  
 Designation of Operator       Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed, effective: 8-29-97

TO: (new operator) <u>PIONEER NATURAL RES USA INC</u>	FROM: (old operator) <u>MESA OPERATING COMPANY</u>
(address) <u>PO BOX 2009</u>	(address) <u>PO BOX 2009</u>
<u>AMARILLO TX 79189-1000</u>	<u>AMARILLO TX 79189-1000</u>
Phone: <u>(806) 378-1000</u>	Phone: <u>(806) 378-1000</u>
Account no. <u>N5155</u>	Account no. <u>N0205</u>

WELL(S) attach additional page if needed:

Name: <u>LISBON FED 2-21F/MSSP</u>	API: <u>43-037-15768</u>	Entity: <u>410</u>	S	<u>21</u>	T	<u>30S</u>	R	<u>25E</u>	Lease: <u>U094674</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- N/A 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form).
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: #180146 (c.H. 2-15-94)
- Sec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (10-9-97)
- Sec 6. Cardex file has been updated for each well listed above. (10-9-97)
- Sec 7. Well file labels have been updated for each well listed above. (10-9-97)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (10-9-97)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A  
lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A  
ST'S  
10/15/97 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

**FILMING**

- ✓ 1. All attachments to this form have been microfilmed. Today's date: 10-27-97.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

**COMMENTS**

971009 Blm/SL Aprv. 10-7-97, off. 8-29-97.

\*Confirmed chg with mesa / Pioneer "Irving TX address is main office"  
monthly reports should continue to be mailed to "Amarillo TX".

No other wells affected by this change.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U094674
2. Name of Operator Pioneer Natural Resources USA, Inc.	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No. 5205 N. O'Connor Blvd. #1400W, Irving, TX 75039 972-444-9001	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2140' FNL & 1820' FWL Sec 21-30S-25E	8. Well Name and No. Lisbon Federal #2-21F
	9. API Well No. 43-037-15768
	10. Field and Pool, or exploratory Area Little Valley Devonian
	11. County or Parish, State San Juan Utah

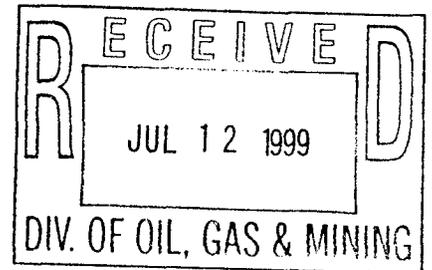
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Effective July 1, 1999, Pioneer Natural Resources USA, Inc., will transfer operatorship of the Lisbon Federal #2-21F to Prize Operating Company.



14. I hereby certify that the foregoing is true and correct  
Signed Edwin Vance Title Operations Mgr., Mid Continent Div. Date 06-30-99

(This space for Federal or State office use)

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

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Prize Operating Company

3a. Address

3500 William D. Tate, #200 Grapevine, Texas 76051

3b. Phone No. (include area code)

817-424-0454

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

2140' FNL & 1820' FWL  
Sec. 21 T30S R25E

5. Lease Serial No.

0094674

6. If Indian, Allowee or Tribe Name

n/a

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

n/a

8. Well Name and No.

Lisbon Federal #2-21F

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

Little Valley Devonian

11. County or Parish, State

San Juan Utah

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

Acidize  Deepen  Production (Start/Resume)  Water Shut-Off  
 Alter Casing  Fracture Treat  Reclamation  Well Integrity  
 Casing Repair  New Construction  Recomplete  Other Change of Operator  
 Change Plans  Plug and Abandon  Temporarily Abandon  
 Convert to Injection  Plug Back  Water Disposal

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

Effective 7-1-99 Prize Operating Company took over operations of the Lisbon Federal #2-21F from Pioneer Natural Resources USA, Inc.

Prize Operating Company  
3500 William D. Tate Ste 200  
Grapevine, Texas 76051

Phone # 817-424-0400

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

Don Aldridge

*Don Aldridge*

Title

Regulatory Analyst

Date

12-14-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)



**PIONEER**

NATURAL RESOURCES USA, INC.

November 30, 1999

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

Re: Form 10 Report – Utah Account Number N5155  
Property – Lisbon Fed 2-21F (API #4303715768)

*u-094674*

Gentlemen:

Pioneer has sold the above referenced property to Berco Resources LLC effective July 1, 1999. The state continues to send us the blank reports for the Lisbon each month, and they should now be sent to Berco at the following address:

Berco Resources LLC  
One Tabor Center  
1200 17<sup>th</sup> St., Ste 600  
Denver, CO 80202

Please discontinue sending the blank reports to Pioneer immediately. Should you have any questions, please call the undersigned at (915) 571-3115. Thank you for your assistance in this matter.

Yours truly,

David A. Thomas  
Supervisor, Production Accounting

*991209 called Mr. Thomas to let him know that the Division does not recognize Berco as a O&G opet. And that we have not received any paperwork on this change.*

*\* called Teresa T. w/ BIm (S.L. office) she said they dont have any paperwork and that it would be handled by the moab office.*

*\* called Marie (moab BIm office) she said that they havent rec'd anything either.*

RECEIVED

DEC - 2 1999

DIVISION OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Serial No.

U094674

6. If Indian, Allottee or Tribe Name

n/a

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

n/a

8. Well Name and No.

Lisbon Federal #2-21F

9. API Well No.

43-037-15768

10. Field and Pool, or Exploratory Area

Little Valley Devonian

11. County or Parish, State

San Juan Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Prize Operating Company

3a. Address

3b. Phone No. (include area code)

3500 William D. Tate, #200 Grapevine, Texas 76051 817-424-0454

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

2140' FNL & 1820' FWL  
Sec. 21 T30S R25E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Deepen

Fracture Treat

New Construction

Plug and Abandon

Plug Back

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

Water Shut-Off

Well Integrity

Other Change

of Operator

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

Effective 7-1-99 Prize Operating Company took over operations of the Lisbon Federal #2-21F from Pioneer Natural Resources USA, Inc.

Prize Operating Company  
3500 William D. Tate Ste 200  
Grapevine, Texas 76051

Phone # 817-424-0400

Blm Bond # NM 2720  
Natonwide #150,000

RECEIVED

JAN 12 2000

DIVISION OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

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

Name (Printed/Typed)

Don Aldridge

*Don Aldridge*

Title

Regulatory Analyst

Date

12-14-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*William H.*

Title

Assistant Field Manager,  
Division of Resources

Date

1/6/2000

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

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.

(Instructions on reverse)

Prize Operating Company  
Well No. Lisbon Federal 2-21F  
SENW Sec. 21, T. 30 S., R. 25 E.  
Lease UTU094674  
San Juan County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Prize Operating Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by NM2720 (Principal - Prize Operating Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



**OPERATOR CHANGE WORKSHEET**

1-KDR <i>KDR</i>	6-KAS <input checked="" type="checkbox"/>
2-GLH	7-APP <input checked="" type="checkbox"/>
3-JRB <i>JRB</i>	8-FILE
4-CDW	
5-KDR <input checked="" type="checkbox"/>	

Attach all documentation received by the Division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (Well Sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 7-1-99

<b>TO:</b> (New Operator) <u>PRIZE OPERATING COMPANY</u>	<b>FROM:</b> (Old Operator) <u>PIONEER NAT'L RESOURCES USA INC</u>
Address: <u>3500 WILLIAM D TATE #200</u>	Address: <u>303 WEST WALL STE 1005</u>
<u>GRAPEVINE, TEXAS 76051</u>	<u>MIDLAND, TEXAS 79701</u>
Phone: <u>(817)424-0400</u>	Phone: <u>(972)444-9001</u>
Account No. <u>N4960</u>	Account No. <u>N5155</u>

**WELL(S):** Attach additional page(s) if needed.

Name: <u>LISBON FED 2-21F (SGW)</u>	API: <u>43-037-15768</u>	Entity: <u>410</u>	S <u>21</u>	T <u>30S</u>	R <u>25E</u>	Lease: <u>U-094674</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- KDR 1. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form) on 7.12.99.
- KDR 2. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 12.14.99.
- N/A 3. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is \_\_\_\_\_. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- KDR 4. **Federal and Indian Lease Wells.** The BLM and/or the BIA has approved the operator change for all wells listed above involving Federal and/or Indian leases. (*Rec'd 1.12.00*)
- N/A 5. **Federal and Indian Units.** The BLM and/or the BIA has approved the operator change for the \_\_\_\_\_ unit and all wells listed above involving unit operations.
- N/A 6. **Federal and Indian Communitization Agreements ("CA").** The BLM and/or the BIA has approved the operator change for CA (Federal,Indian), CA No. \_\_\_\_\_, and all wells listed above involved in the CA.
- N/A 7. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

- KDR 8. Changes have been entered in the **Oil and Gas Information System** for each well listed on 2.17.00.
- N/A 9. Changes have been entered in **RBDMS** for each water/gas injection, water disposal well listed on \_\_\_\_\_.
- KDR 10. **Cardex** file has been updated for each well listed.
- KDR 11. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** on 2.17.00.
- KDR 12. An **Operator Change File** has been set up, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- KDR 1. (R649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? Yes  No  If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- KDR 2. Tax Commission, Trust Lands, and Forestry, Fire & State Lands have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE LEASE WELLS)**

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- I 2. A **copy of this form** has been placed in the new and former operator's bond files on \_\_\_\_\_.
- I 3. The **FORMER** operator has requested a release of liability from their bond as of todays date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_ (see bond file).

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. **E-mail** sent on \_\_\_\_\_ to \_\_\_\_\_ at **SITLA** for changes involving State leases. (Wait two weeks before changing, unless the Division hears otherwise.)
- I 2. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- ✓ 1. All attachments to this form have been **microfilmed** on ~~6-1-00~~ 3-9-01

**FILING**

- \_\_\_ 1. **Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_ 2. The **original of this form**, and the **original attachments** have been filed in the Operator file(s).

**COMMENTS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

RECEIVED  
FIELD OFFICE

5. Lease Serial No.

U - 094674

6. If Indian, Allote or Tribe Name

08

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

7. If Unit or CA/Agreement Designation

2. Name of Operator:

Tom Brown, Inc.

Contact:

Byron Gale

Phone:

303-260-5036

8. Well Name and No.

Lisbon Fed 2-21F (aka Mesa Fed 2-21F)

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

9. API Well No.

43-037-1576800

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

2140' FNL, 1820' FWL, SENW Sec 21 -T30S-R25E

10. Field and Pool, or Exploratory Area  
Little Valley

11. County or Parish, State  
SAN JUAN, UTAH

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

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

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

CHANGE OF OPERATOR:

Effective date 02/01/2000

Bond # ESD183 NW# 150,000

From:

Prize Energy Resources, L.P.  
By Prize Operating Company,  
Sole General Partner

RECEIVED

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

To:

Tom Brown, Inc.  
P.O. Box 760  
Moab, Utah 84532  
435-686-7676

By:

*Sandy Ocker*

Title

*Regulatory Analyst*

Date:

*3-20-2000*

By:

*Jim Lillo*

Title

*Division Land Manager*

Date:

*3/17/00*

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

Sandy Ocker

Title

Engineering Tech

Signature

*Sandy Ocker*

Date

2/17/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*William Stinger*

Title

Assistant Field Manager,

Date

*4/6/2000*

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

Office

Division of Resources

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

cc: UDDGM 4/16/00

CONDITIONS OF APPROVAL ATTACHED

Tom Brown, Incorporated  
Well No. 2-21F  
SENW Sec. 21, T. 30 S., R. 25 E.  
Lease UTU094674  
San Juan County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Tom Brown, Incorporated is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by ES0183 (Principal - Tom Brown, Incorporated) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

**RECEIVED**

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

FORM #

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Lease Description and Serial Number:

U-094674

2. If Indian, Ancestral or Tribe Name:

7. Unit Agreement Name

8. Well Name and Number:

Lisbon Fed. 2-21F

9. API Well Number:

43-037-15768 00

10. Field and Pool, or Wildcat:

LITTLE VALLEY

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

PRIZE OPERATING COMPANY

3. Address and Telephone Number:

3500 William D. Tate Ste 200 GRAPEVINE, TEXAS 76051 817-424-0454

4. Location of Well

Footage: 2140' FNL & 1820' FWL

County: SAN JUAN

CO, Sec., T., R., M.: SENEW SECTION 21 T30S R30E

State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different intervals on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Change of Operator TO:  
EFFECTIVE: 2-1-2000

TOM BROWN, INC.  
P.O. Box 760  
MOAB, UTAH 84532  
PH# 435-686-7676

13.

Name & Signature:

Alon Alaludze

Title:

REGULATORY ANALYST

Date:

4-14-2000

(This space for State use only)

RECEIVED

APR 19 2000

Form 3160-5  
(August, 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DIVISION OF  
OIL, GAS AND MINING

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-094674
2. Name of Operator: Tom Brown, Inc.		6. If Indian, Allotte or Tribe Name
3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202		7. If Unit or CA/Agreement Designation
4. Location of Well (Footage, T, R, M, or Survey Description) 2140' FNL & 1820' FWL, Sec. 21, T30S, R25E		8. Well Name and No. Lisbon Federal 2-21F
		9. API Well No. 43-037-15768
		10. Field and Pool, or Exploratory Area Little Valley Field
		11. County or Parish, State San Juan, Utah

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

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

Tom Brown, Inc. intends to return the Lisbon Federal #2-21F well to production. This well has been shut-in since April 30, 1992 due to a lack of gas processing/marketing and water disposal options. Tom Brown, Inc. acquired the Lisbon Federal #2-21F well from Prize Energy Resources, L.P. effective 02/01/2000. Tom Brown plans to transport the entire gas/condensate/water production stream from the #2-21F well to the Lisbon Plant (acquired and operated by Tom Brown, Inc. from Unocal in July, 1999) for gas processing and water disposal. Much of the pipeline between the #2-21F well and the Lisbon Plant already exists, since Unocal purchased gas from the #2-21F well for Lisbon (Mississippian) pressure maintenance between December, 1975 and October, 1982. Tom Brown, Inc. would use the following basic procedure after initially attempting to unload the well by blowing it down:

1. Notify BLM. Inspect anchors. Set frac tanks. RU H2S safety equipment.
2. MIRU. Hold pre-job safety meeting. Blow down well. Kill well w/ 2% KCl water.
3. ND tree. NU BOPE. Pressure test backside to 1000# for 30 min.
4. Release Baker model R packer @ 9,213'. TIH and tag for fill. TOOH.
5. Redress pkr. Inspect tubing. Replace bad joints.
6. PU and TIH w/ Baker model R pkr on 2-7/8" tbg. Set pkr @ +/- 9,213' w/ tbg tail through perfs @ +/- 9,400'.
7. Load backside w/ inhibited packer fluid. ND BOPE. NU tree. Swab well in. RTP. RDMO.

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

Name (Printed/Typed) Byron R. Gale	Title Operations Engineer
Signature <i>Byron R. Gale</i>	Date 04/03/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for ny 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.

*Federal Approval of this  
Action is Necessary*

**COPY SENT TO OPERATOR**  
Date: 4-20-00  
Initials: CHD

**LISBON FEDERAL 2-21F**

SPUD: 09/23/61  
 COMP: 11/17/61  
 FIRST PROD: 12/11/61  
 FIRST SALES: 12/18/75

SEC 21-T30S-R25E  
 SAN JUAN CO., UT  
 1240' FNL & 1820' FWL

KB: 6864'  
 GL: 6854'

**RECEIVED**

**APR 19 2000**

**DIVISION OF  
 OIL, GAS AND MINING**

NOTE: FISH LOST IN HOLE 8/97  
 900' SANDLINE, JARS, SINKER BARS  
 & 2 SETS OF SWAB CUPS/MANDRELS.  
 PUMPED OUT EOT (UNCONFIRMED)

PACKER FLUID: 500 BBL DIESEL  
 w/ GEL & BARITE

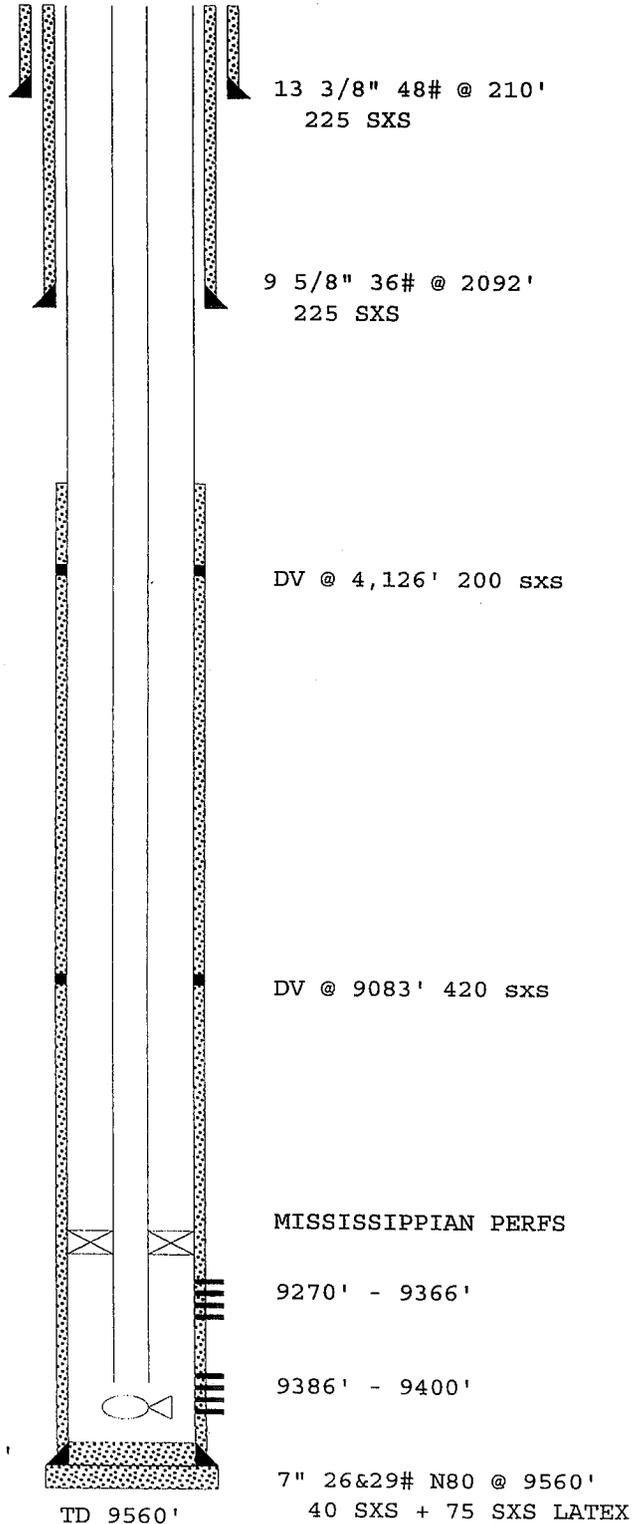
2-7/8" 6.5# N80 EUE IPC TUBING

BAKER MODEL R @ 9213'

EOT @ 9393'

PBTD 9467'

LISBON  
 07/11/96  
 RLS



**OPERATOR CHANGE WORKSHEET**

<input checked="" type="checkbox"/>	4-KAS ✓
2-CDW ✓	5-SD ✓
3-JLT ✓	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

**Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change Only

Merger

The operator of the well(s) listed below has changed, effective: 2-1-00

**TO:(New Operator)** TOM BROWN INC.  
 Address: P. O BOX 760  
MOAB, UT 84532  
 Phone: 1-(435)-686-7676  
 Account No. N9885

**FROM:(Old Operator)** PRIZE OPERATING COMPANY  
 Address: 3500 WILLIAM D. TATE # 200  
GRAPEVINE, TX 76051  
DON ALDRIDGE  
 Phone: 1-(817)-424-0442 EX 454  
 Account No. N4960

WELL(S):	CA Nos.	or	Unit
Name: LISBON FEDERAL 2-21F	API: 43-037-15768	Entity: 410	S 21 T 30S R 25 E Lease: U-09474
Name: _____	API: _____	Entity: _____	S T R Lease: _____
Name: _____	API: _____	Entity: _____	S T R Lease: _____
Name: _____	API: _____	Entity: _____	S T R Lease: _____
Name: _____	API: _____	Entity: _____	S T R Lease: _____
Name: _____	API: _____	Entity: _____	S T R Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 4-14-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 4-6-00.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is 219486. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or **operator change** for all wells listed above involving Federal or Indian leases on 4-6-00.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.

N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-27-00.

YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-27-00.

---

### STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

---

### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).

N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.

N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.

N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

---

### FILMING

VB 1. All attachments to this form have been **microfilmed** on APR 24 2001.

---

### FILING

\_\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.

\_\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

U-094674

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

8. Well Name and Number

Lisbon Federal 2-21F

9. API Well Number

43-037-15768

10. Field and Pool, or Exploratory Area

Little Valley Field

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator:

Tom Brown, Inc.

Contact:

Chris Mathewson

Phone:

303-260-5134

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

County:

San Juan County

State:

Utah

4. Location of Well

Footages: 2140' FNL & 1820' FWL

QQ, Sec T,R,M: Sec 21-T30S-R25E

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

**NOTICE OF INTENT**

(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

Add additional perforations in the Leadville

Date of work completion 2/17/2001

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

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

1/6/2001 - 2/16/2001:

Perforated Leadville from 9210-9250' w/4 spf, 90 deg phasing. Pumped 5000 gals acid, then swabbed.

Perforated 9124-9174' w/4 spf, 4" casing gun. Acidized w/5000 gals 15% SWIC acid. Swabbed in.

Ran 287 joints 2-3/8" tubing.

(see attached chronological history and wellbore diagram)

13. Name (Printed/Typed) Chris Mathewson	Title Engineering Technician
Signature <i>Chris Mathewson</i>	Date 10/25/2001

(This space for State use only)

**RECEIVED**

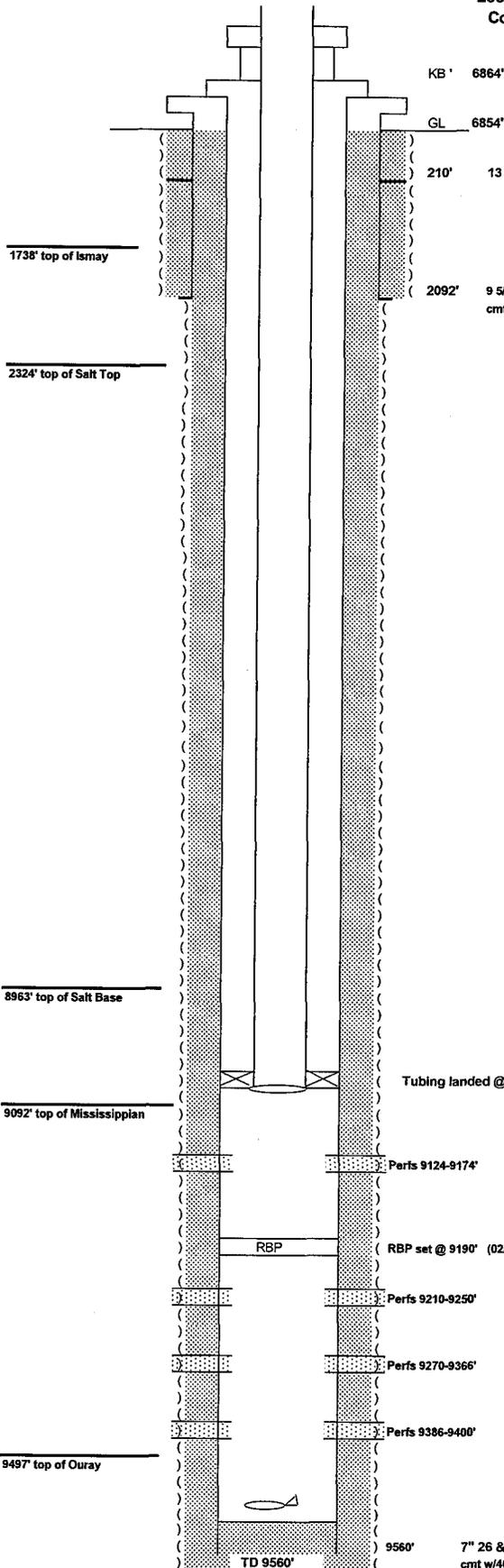
OCT 31 2001

DIVISION OF  
OIL, GAS AND MINING

**WELLBORE DIAGRAM**

Company: TOM BROWN INC.  
 Lease Name: Lisbon Federal 2-21F  
 Location: Sec 21-T30S-R25E 2140' FNL & 1820' FWL  
 County: San Juan County, Utah  
 Date: 3/9/2001

KB' 6864' Spud date 9/23/61  
 Completion 11/17/61  
 GL 6854' Recompletion 2/17/01  
 First Production 12/11/61  
 First Sales 12/18/75



210' 13 3/8" 48# csg - cmt w/225 sxs reg + 2% CaCl2

2092' 9 5/8" 36# J-55 csg (66 jts)  
 cmt w/225 sxs 50/50' POZ

1738' top of Ismay

2324' top of Salt Top

8963' top of Salt Base

9092' top of Mississippian

9497' top of Ouray

Tubing landed @ 9020.00' KB

Perfs 9124-9174'

Perf w/4" gun, 4 spf (2/7/01)  
 Acidize w/5000 gals 15% SWIC acid  
 Avg rate 6 BPM, Avg press 200# (2/10/01)

RBP

RBP set @ 9190' (02/06/01)

Perfs 9210-9250'

Perf w/4 spf, 90 phase (1/27/01)  
 Acidize w/5000 gal seic acid - 10 bbis into job caught pressure/  
 Total fluid pump 156 bbis (1/30/01)

Perfs 9270-9366'

Perfs 9386-9400'

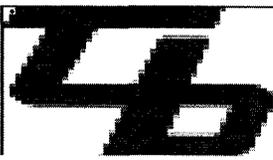
TD 9560'

9560' 7" 26 & 29# N-80 csg (230 jts)  
 cmt w/40 sxs + 75 sxs latex

**Tubing Detail 02/17/01**

KB	10.00'
286 jts 2 3/8" 4.7# N-80 tbg	8971.12'
2 3/8" F nipple	.81'
1 jt 2 3/8" 4.7# N-80 tbg	31.67'
7" 26-32#x27/8 packer	6.40'

NOTE: Swab cups & 2 mandrels in tbg



# Tom Brown, Inc.

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

# Daily Activity Report

Report Date : Thursday, October 25, 2001  
Page 1 of 7

Well='Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

## DAILY COMPLETION / WELLWORK REPORT

From : 1/6/2001 To : 2/17/2001

Well='Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

<b>Well Name :</b> Lisbon Fed 02-21 F	<b>Job Start Date :</b> 1/6/2001
<b>Operator :</b> Tom Brown, Inc.	<b>AFE # :</b> C00U083
<b>Loc :</b> SE NW	<b>STR :</b> 21 - 30S - 25E
<b>County :</b> San Juan, Ut	<b>API Code :</b> 043-037-15768--
<b>Field :</b> Lisbon Unit	<b>WI :</b> 1 <b>NRI :</b> 0.8
<b>Contractor :</b>	<b>AFEDHC :</b> \$0
<b>Spud Date :</b>	<b>AFECWC :</b> \$157,463
<b>Turn To Completion Date :</b>	<b>AFE Type :</b> Workover
<b>Date First Production :</b>	<b>Depth :</b> ft.
<b>Comp Date :</b>	<b>PBTD :</b> ft.
<b>Job Purpose :</b> Add perforations in the Leadville	

**Date :** 1/6/2001

**Activity:** Perforate

**Days On Completion:** 1

**Remarks :** WO WL truck, (mechanical problems), RIH & perf 6 holes @ 8088' +/-, swab well down to 3100', 100 BF, latch onto tbg., lay down 26 jts. SDFWE

**DC :** \$5,650      **CCC:** \$5,650      **CWC:** \$5,650

**Date :** 1/7/2001

**Activity:** SDFWE

**Days On Completion:** 2

**Remarks :** SDFWE

**DC :** \$0      **CCC:** \$5,650      **CWC:** \$5,650

**Date :** 1/8/2001

**Activity:** SDFWE

**Days On Completion:** 3

**Remarks :** SDFWE

**DC :** \$0      **CCC:** \$5,650      **CWC:** \$5,650

**Date :** 1/9/2001

**Activity:** WO Equipment

**Days On Completion:** 4

**Remarks :** WO Tubing  
SICP -10#, Finish laying down tbg, change rams in BOP, SDFN

**DC :** \$4,650      **CCC:** \$10,300      **CWC:** \$10,300

**Date :** 1/10/2001

**Activity:** PU tbg

**Days On Completion:** 5

**Remarks :** Unload 2 3/8" tbg, RIH w/ bit - scraper 72 jts. Tbg. SDFN

**DC :** \$6,650      **CCC:** \$16,950      **CWC:** \$16,950

Well=Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

Date : 1/11/2001

Activity: Logging

Days On Completion: 6

Remarks : Finish picking up 2 3/8" tbg., bit &amp; scraper, tagged PBTD @ 9450', POOH w/ tbg., SDFN

DC : \$5,150

CCC: \$22,100

CWC: \$22,100

Date : 1/12/2001

Activity: Logging

Days On Completion: 7

Remarks : SICP 20# Schlumberger refused to log due to H2S concerns. SDFN

DC : \$2,750

CCC: \$24,850

CWC: \$24,850

Date : 1/13/2001

Activity: SDFWE

Days On Completion: 8

Remarks : Computalog truck could not run log, SDFWE

DC : \$2,950

CCC: \$27,800

CWC: \$27,800

Date : 1/14/2001

Activity: SDFWE

Days On Completion: 9

Remarks :

DC : \$0

CCC: \$27,800

CWC: \$27,800

Date : 1/15/2001

Activity: SDFWE

Days On Completion: 10

Remarks :

DC : \$0

CCC: \$27,800

CWC: \$27,800

Date : 1/16/2001

Activity: Logging

Days On Completion: 11

Remarks : Computalog logging tool failure.

DC : \$4,550

CCC: \$32,350

CWC: \$32,350

Date : 1/17/2001

Activity: RIH w/WRP

Days On Completion: 12

Remarks : Ran computalog PND log f/PBTD to 8300'+/- SDFN

DC : \$13,150

CCC: \$45,500

CWC: \$45,500

Date : 1/18/2001

Activity: RIH

Days On Completion: 13

Remarks : Could not get WRP past DV tool @ 9010 +/-, run plug on end of tbg, set @ 9376', POOH w/tbg, SDFN

DC : \$6,450

CCC: \$51,950

CWC: \$51,950

Well='Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

**Date :** 1/19/2001  
**Activity:** Swab & test **Days On Completion:** 14  
**Remarks :** RIH & set pkr above perms, RU & swab 100 BF, slight gas cut,, SDFN  
**DC :** \$3,650 **CCC:** \$55,600 **CWC:** \$55,600

---

**Date :** 1/20/2001  
**Activity:** SDFWE **Days On Completion:** 15  
**Remarks :** SITP 150#, FL @ 3500' Swab 105 bbls  
**DC :** \$3,650 **CCC:** \$59,250 **CWC:** \$59,250

---

**Date :** 1/21/2001  
**Activity:** SDFWE **Days On Completion:** 16  
**Remarks :** SDFW  
**DC :** \$0 **CCC:** \$59,250 **CWC:** \$59,250

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**Date :** 1/22/2001  
**Activity:** SDFWE **Days On Completion:** 17  
**Remarks :** SDFW  
**DC :** \$0 **CCC:** \$59,250 **CWC:** \$59,250

---

**Date :** 1/23/2001  
**Activity:** Swab & test **Days On Completion:** 18  
**Remarks :** SITP n145#, FL @ 3500', swab 110 bbls, FL @ 3500'. SDFN  
**DC :** \$3,650 **CCC:** \$62,900 **CWC:** \$62,900

---

**Date :** 1/24/2001  
**Activity:** Swab & test **Days On Completion:** 19  
**Remarks :** SITP 80#, FL @ 3500' swabbed 125 bbls FL @ 3500'.  
**DC :** \$4,150 **CCC:** \$67,050 **CWC:** \$67,050

---

**Date :** 1/25/2001  
**Activity:** POOH w/pkr **Days On Completion:** 20  
**Remarks :** SITP 120#, FL @ 3500', swabbed 120 BF, FL @ 3500', SDFN.  
**DC :** \$4,050 **CCC:** \$71,100 **CWC:** \$71,100

---

**Date :** 1/26/2001  
**Activity:** RIH w/WRP **Days On Completion:** 21  
**Remarks :** POOH w/ pkr and retrieving head, reset WRP @ 9260', POOH w/ tbg, SDFN  
**DC :** \$3,650 **CCC:** \$74,750 **CWC:** \$74,750

---

Well='Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

Date : 1/27/2001

Activity: Perforate and Swab

Days On Completion: 22

Remarks : RIH & perf 9210-9250 w/ 4 spf, 90o phasing, RIH & set pkr. @ 9100 +/-, made 4 swab runs, Initial flow @ 3100', final @ 3900', SDFW

DC : \$14,150                      CCC: \$88,900                      CWC: \$88,900

Date : 1/28/2001

Activity: SDFWE

Days On Completion: 23

Remarks : SDFWE

DC : \$0                              CCC: \$88,900                      CWC: \$88,900

Date : 1/29/2001

Activity: SDFWE

Days On Completion: 24

Remarks : SDFWE

DC : \$0                              CCC: \$88,900                      CWC: \$88,900

Date : 1/30/2001

Activity: Swab & test

Days On Completion: 25

Remarks : SITP: 170

Blow well down RU swab. RIH tag fluid level @ 3600. Make 1 run rig down swab. RU Halliburton wait on hot oiler to heat water 1 hr. Pump 5000 gal seic acid. 10 bbl into job caught pressure. No breaks during job. Avg rate 5 bbl/min avg PSI 1750. ISIP 0 total fluid pumped 156 bbls. Rig up swab equipment, tag @ 3600, make 11 swab runs, recover 80 bbls, no gas. SWIFN

Packer @ 9114  
Perfs @ 9210 - 9250  
RBP @ 9260

DC : \$20,650                      CCC: \$109,550                      CWC: \$109,550

Date : 1/31/2001

Activity: Swab & test

Days On Completion: 26

Remarks : SITP 170 Bleed well down RU swab equipment RIH tag fluid @ 3900', make 17 swab runs, recovered 155 bbls, recovered 235 bbls total. 79 bbls over load, fluid level staying @ 3600 - 3900' no gas.

Packer @ 9114'  
Perfs @ 9210 - 9250  
RBP @ 9260'

DC : \$4,650                      CCC: \$114,200                      CWC: \$114,200

Date : 2/1/2001

Activity: Swab & test

Days On Completion: 27

Remarks : SITP 220

Bleed well down RU swab equipment, tag fluid level @ 3500', make 12 swab runs, recovered 105 bbls, fluid showing small gas cut. Recovered 340 total.

Packer @ 9114  
Perfs @ 9210 - 9250  
RBP @ 9260

DC : \$4,650                      CCC: \$118,850                      CWC: \$118,850

Well="Lisbon Fed 02-21 F" for 1/6/2001 to 2/17/2001

**Date :** 2/2/2001

**Activity:** Swab & test

**Days On Completion:** 28

**Remarks :** SITP 170

Bleed well down RU swab equipment tag fluid level @ 3500' made 18 swab runs recovered 148 bbls. Fluid level stayed 3500' - 3800', some gas, well not flowing.

Recovered 448 bbls total

Packer @ 9114'  
Perfs @ 9210 - 9250  
RBP @ 9260

**DC :** \$5,050                      **CCC:** \$123,900                      **CWC:** \$123,900

**Date :** 2/3/2001

**Activity:** SDFWE

**Days On Completion:** 29

**Remarks :**

**DC :** \$0                              **CCC:** \$123,900                      **CWC:** \$123,900

**Date :** 2/4/2001

**Activity:** SDFWE

**Days On Completion:** 30

**Remarks :**

**DC :** \$0                              **CCC:** \$123,900                      **CWC:** \$123,900

**Date :** 2/5/2001

**Activity:** Swab & test

**Days On Completion:** 31

**Remarks :** SITP 2000

Bled well down, RU swab equipment, Tag fluid level @ 3500'. Made 14 swab runs, recovered 132 bbls. Fluid level stayed 3500 - 3800', some gas, well not flowing. Recovered 580 bbls total.

Packer @ 9114'  
Perfs @ 9210-9250  
RBP @ 9260

**DC :** \$4,150                      **CCC:** \$128,050                      **CWC:** \$128,050

**Date :** 2/6/2001

**Activity:** POOH w/tbg

**Days On Completion:** 32

**Remarks :** SITP 350#, swabbed 30 bbls fluid gassy. POOH w/pkr, RIH & move plug to 9190, POOH w/20 stands, SDFN.

**DC :** \$6,050                      **CCC:** \$134,100                      **CWC:** \$134,100

**Date :** 2/7/2001

**Activity:** Perforate and Swab

**Days On Completion:** 33

**Remarks :** Finish POOH w/tbg, RIH & perf 9124 - 9174 w/4 spf, 4" csg guns, RIH w/pkr & set @ 9020, swab well down to seating nipple, no fluid entry.

**DC :** \$10,750                      **CCC:** \$144,850                      **CWC:** \$144,850

Well=Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

**Date :** 2/8/2001  
**Activity:** Swabbing **Days On Completion:** 34  
**Remarks :** SITP 40#, FL 100' above seating nipple, no flow.  
**DC :** \$3,550 **CCC:** \$148,400 **CWC:** \$148,400

---

**Date :** 2/9/2001  
**Activity:** Final Report **Days On Completion:** 35  
**Remarks :** SITP 50#, FL @ 100' above pkr.  
**DC :** \$3,550 **CCC:** \$151,950 **CWC:** \$151,950

---

**Date :** 2/10/2001  
**Activity:** Acidizing **Days On Completion:** 36  
**Remarks :** SITP 40#, RU & acidize down tbg w/5000 gal 15% SWIC acid, average rate 6 BPM, avg press 200#, no ISIP, RU & swab, initial fluid level @ 2700', swabbed 120 bbls, FL @ 40000', BLTRW -30  
**DC :** \$8,550 **CCC:** \$160,500 **CWC:** \$160,500

---

**Date :** 2/11/2001  
**Activity:** SDFWE **Days On Completion:** 37  
**Remarks :** PO SDFW - summary SITP 140#, initial FL @ 3600'm swabbed 100 BF, Final FL @ 3600', SDFW  
**DC :** \$0 **CCC:** \$160,500 **CWC:** \$160,500

---

**Date :** 2/12/2001  
**Activity:** SDFWE **Days On Completion:** 38  
**Remarks :** SDFWE  
**DC :** \$0 **CCC:** \$160,500 **CWC:** \$160,500

---

**Date :** 2/13/2001  
**Activity:** Swabbing **Days On Completion:** 39  
**Remarks :** SITP 175#, FL @ 3500' swabbed 125 BF, SDFN  
**DC :** \$4,050 **CCC:** \$164,550 **CWC:** \$164,550

---

**Date :** 2/14/2001  
**Activity:** Swabbing **Days On Completion:** 40  
**Remarks :** SITP 170#, FL @ 3500, swabbed 145 bbls, SDFN  
**DC :** \$4,200 **CCC:** \$168,750 **CWC:** \$168,750

---

**Date :** 2/15/2001  
**Activity:** Swabbing **Days On Completion:** 41  
**Remarks :** SITP 160, F level @ 3500 swabbed 150 bbls, tool pusher reported that fluid is gas cut. SDFN  
**DC :** \$4,050 **CCC:** \$172,800 **CWC:** \$172,800

---

Well=Lisbon Fed 02-21 F' for 1/6/2001 to 2/17/2001

Date : 2/16/2001

Activity: rigged down

Days On Completion: 42

Remarks : SITP 160, fluid level @ 3500', swabbed 148 bbls, gas cut, fluid level stayed @ 3500', 15 runs.

DC : \$4,250

CCC: \$177,050

CWC: \$177,050

Date : 2/17/2001

Activity: Final Report

Days On Completion: 43

Remarks : SITP 160, blew well down, rig down swab equipment, flow lines rig pump and lines. Couldn't get team set 1-x released. Landed on hanger, RD BOPS, floor etc. RU well head. RD workover, rig clean location. Move rig off location 2:00 p.m. Well shut in.

Tubing Detail:

KB	10.00'
286 jts 2 2/8" N-80 4.7# tbg -	8971.12'
2 3/8" 'F' nipple w 1.81 profile -	.81'
1 jt 2 3/8" N-80 4.7# tbg	31.67'
7" 26-32# x 2 7/8 packer	6.40'

Landing tbg string @ 9020.00' KB

DC : \$5,550

CCC: \$182,600

CWC: \$182,600

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

U-094674

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

8. Well Name and Number

Lisbon Federal 2-21F

9. API Well Number

43-037-15768

10. Field and Pool, or Exploratory Area

Little Valley Field

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator:

Tom Brown, Inc.

Contact:

Chris Mathewson

Phone:

303-260-5134

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

4. Location of Well

Footages: 2140' FNL & 1820' FWL

QQ, Sec T,R,M: Sec 21-T30S-R25E

County: San Juan County

State: Utah

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

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

- Abandon
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- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

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

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

Shut off water & add additional perfs in Leadville

Date of work completion 4/26/2001

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

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

4/19/2001 - 4/26/2001:

Perforated Leadville from 9210-9250' w/4 spf, 90 deg phasing. Pumped 5000 gals acid, then swabbed. Perforated 9124-9174' w/4 spf, 4" casing gun. Acidized w/5000 gals 15% SWIC acid. Swabbed in. Ran 287 joints 2-3/8" tubing.

(see attached wellwork reports)

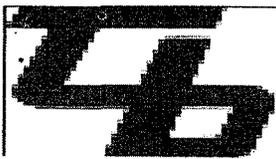
13. Name (Printed/Typed) Chris Mathewson	Title Engineering Technician
Signature <i>Chris Mathewson</i>	Date 10/25/2001

(This space for State use only)

**RECEIVED**

OCT 31 2001

DIVISION OF  
OIL, GAS AND MINING



# Tom Brown, Inc.

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

# Daily Activity Report

Report Date : Thursday, October 25, 2001  
Page 1 of 3

Well=Lisbon Fed 02-21 F' for 4/19/2001 to 4/26/2001

## DAILY COMPLETION / WELLWORK REPORT

From : 4/19/2001 To : 4/26/2001

Well=Lisbon Fed 02-21 F' for 4/19/2001 to 4/26/2001

<b>Well Name :</b> Lisbon Fed 02-21 F		<b>Job Start Date :</b> 4/19/2001	
<b>Operator :</b> Tom Brown, Inc.		<b>AFE # :</b> C01U147	
<b>Loc :</b> SE NW	<b>STR :</b> 21 - 30S - 25E	<b>WI :</b> 1	<b>NRI :</b> 0.8
<b>County :</b> San Juan, Ut	<b>API Code :</b> 043-037-15768--	<b>AFEDHC :</b> \$0	
<b>Field :</b> Lisbon Unit	<b>AFECWC :</b> \$60,113		
<b>Contractor :</b> MWS #6	<b>AFE Type :</b> Workover		
<b>Spud Date :</b>	<b>Turn To Completion Date :</b>	<b>Depth :</b>	<b>ft.</b>
<b>Comp Date :</b>	<b>Date First Production :</b>	<b>PBTD :</b>	<b>ft.</b>
<b>Job Purpose :</b> Workover Leadville			

**Date :** 4/19/2001

**Activity :** Drill out cmt

**Days On Completion :** 1

**Remarks :** SICP 40#, RIH w/ 7" WLTC pulling tool. Latch onto RBP @ 9190'. Release BP, POOH, RU RMWL. Pick up 7" cement retainer WL set. RIH. Got to 9250' ran out of line on wireline truck. (Totally out of line!) Need to set circ. @ 9380'. POOH, got hung up @ 4100', couldn't come up, but could go down. Work circ. To 4500', still couldn't come up. RIH to 9100' attempt to come up still wouldn't set 7" circ @ 9100'. RMWL couldn't get off circ. After setting plug. Work 1 hr. then pulled out of cable head. Either gun malfunctioned or something on top of WAK setting sleeve. POOH, CWIFN

**DC :** \$7,400

**CCC :** \$7,400

**CWC :** \$7,400

**Date :** 4/20/2001

**Activity :** Drill out cmt

**Days On Completion :** 2

**Remarks :** SICP 0, RIH w/ 5 3/4 overshot w/ 1 7/16 grapple 6 3 1/8 collars, jars. Latch on to cable head @ 9090' pull 15,000# string weight sheared, shear stud, POOH, lay down collar locator & Baker #20 setting tool. Lay down fishing tools, P/U 6" bit, RIH, tag cement retainer. R/u power swivel. CWIFN

**DC :** \$9,900

**CCC :** \$17,300

**CWC :** \$17,300

**Date :** 4/21/2001

**Activity :** Cement

**Days On Completion :** 3

**Remarks :** SICP 0 SITP 0. Drill on 7" cement retainer 2 hrs., fell free. Chase down hole to 9417'. RD swivel, POOH, RU RMWL, RIH 7" W.L. cement reatiner. Set @ 9380'. RD RMWL. CWIFN. Too windy to RIH w/ cement retainer stinger on tbg.

Note: Before drilling out cmt. Retainer @ 9100', tested to 100 psi for 10 min., OK.

**DC :** \$7,500

**CCC :** \$24,800

**CWC :** \$24,800

Well="Lisbon Fed 02-21 F" for 4/19/2001 to 4/26/2001

**Date :** 4/22/2001

**Activity:** Perforate

**Days On Completion:** 4

**Remarks :** RIH w 7" retainer stinger on 2 3/8 tbg.. Sting into retainer @ 9380', RU halliburton. Safety mtg. Get injection rate. Pump 30 bbls. Water. Took 20 bbls. To catch psi rate 4.5 bbls./min. @ 500#. Pump 20 bbls. Fresh water, 41 bbls. Cement slurry mixed @ 15.8#/gal. 1st 30 bbls. & 16.4#/gal last 11 bbls. Start displacement 3.5 bbls./min. 0 psi, slow rate to 1/2 bbl/min after 30 bbls. Pumped. Shut down @ 37 bbls. Total pumped. Tbg. On vacuum. Gauge rate w/ Halliburton displacement tanks, 1 bbl/min. Casing has slight blow. Sting out of retainer after 5 bbls. Had been sucked out of Halco tanks. Pull 20 stands, wait 2 1/2 hrs., RIH stung into retainer, pumped 20 bbls., caught pressure, Shut down, pull 10 stands. CWIFN  
Cement: 200 sacks class G w/ 2% Calcium Chloride.

**DC :** \$16,350

**CCC:** \$41,150

**CWC:** \$41,150

**Date :** 4/23/2001

**Activity:** Swab test

**Days On Completion:** 5

**Remarks :** RIH 10 stands, sting into retainer @ 9380', RU Halliburton, inj. Rate 4.5 @ 500#. Pump 100 sacks prem. Cement w/ 2 % Calcium chloride mix @ 16.6 #/gal. 17 bbls. Slurry. Displaced 27 bbls. Fresh water, got pressure, 1/2 bbl/min @ 2000#. Pressure went to 2200#. Broke back to 1200#. Displaced to 28.5 bbls. Psi @ 3000. Bled psi down to 2200, sting out of retainer, pump 8 bbls. Down tbg. 8.5 bbls. Cement in formation, 8.5 in tbg. POOH, hook up to csg., pump 100 bbls. Down casing (note: well will not circulate) while coming out of hole. RU RMWS, RIH w/ 4" hollow perf gun 23 gr. 4 spf, tag up @ 9285', TOC needed to get to 9310'. Made phone call, decided to perf. From 9284-9269, 4 spf, POOH RD RMWS. Pick up 7" team set 1-x x 2 7/8 pkr. X-over back to 2 3/8 tbg. 1 jt. 2 3/8, F nipple, 288 jts. 2 3/8 tbg. Set pkr. W/ tbg. Hanger @ 9091'. CWIFN

**DC :** \$14,700

**CCC:** \$55,850

**CWC:** \$55,850

**Date :** 4/24/2001

**Activity:** Swab test

**Days On Completion:** 6

**Remarks :** RU Swab, tag fluid level @ 3400'. Made 5 runs, Fluid level @ 5500'. Made 24 runs. Total recovered 1800 bbls. Fluid level stayed from 5500'-5900'. Slight gas blow last 2 runs. CWIFN

KB 10.00

288 jts. 2 3/8 tbg. 9041.92

F nipple 1.81 .81

1 jt. 2 3/8 tbg. 31.40

Cross over 2 3/6 box x 2 7/8 pin .50

7" x 2 7/8 team set 1-x 6.50

EOT 9091.13

**DC :** \$5,350

**CCC:** \$61,200

**CWC:** \$61,200

**Date :** 4/25/2001

**Activity:** Swab test

**Days On Completion:** 7

**Remarks :** SITP - 0 SICP - 0 RIH w/swab equipment TAG fluid level @ 3400 made 19 runs, recovered 120 bbls. Fluid level stayed around 5000'. Test interval from 9270-9285 TOC. TAG fluid level @ 3800', made 5 swab runs recovered 35 bbls fluid level dropped to 5000' and stayed there. CWIFN. NOTE: Very little gas flow on either zone.

Zone #1 - packer @ 9091 perms 9124 - 9284. Recovered 300 comm total bbls. Slight gas blow after swab runs. (19 runs).

Zone #2 - packer @ 9262 perms 9270 - 9284 made 5 swab runs. Recovered 35 bbls fluid (no gas blow)

**DC :** \$6,420

**CCC:** \$67,620

**CWC:** \$67,620

**DAILY COMPLETION / WELLWORK REPORT****From : 4/19/2001 To : 4/26/2001**

Well="Lisbon Fed 02-21 F" for 4/19/2001 to 4/26/2001

**Date :** 4/26/2001**Activity:** Final Report**Days On Completion:** 8**Remarks :** SITP - 0 SICP - 0

R/U to swab tag fluid level @ 3400, made 20 swab runs. Recovered 120 bbls fluid. Release 7" packer @ 9262', lay down 6 joints land packer @ 9091' in tubing hanger with 12,000# down on packer N/D BOPS floor etc. R/U tree, R/D service unit, cleaned location.

FINAL REPORT

**DC :** \$7,850**CCC:** \$75,470**CWC:** \$75,470

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

U-094674

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

8. Well Name and Number

Lisbon Federal 2-21F

9. API Well Number

43-037-15768

10. Field and Pool, or Exploratory Area

Little Valley Field

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator:

Tom Brown, Inc.

Contact:

Jane Washburn

Phone:

720/876-5431

3. Address and Telephone No.

730 Seventeenth Street, Denver CO 80202

County:

San Juan County

State:

Utah

4. Location of Well

Footages: 2140' FNL & 1820' FWL

QQ, Sec T,R,M: Sec 21-T30S-R25E

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

**NOTICE OF INTENT**

(Submit in Duplicate)

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

Temporary Abandon

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

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

Tom Brown, Inc. would like to request Temporary Abandon status for the Lisbon Federal 2-21F in order to have the opportunity to review the uphole potential in the wellbore. It is anticipated that a decision would be made within one year.

**THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see requirements of R649-3-36).**

*Last produced April 1992*

*[Signature]*

February 14, 2005

Utah Division of Oil, Gas and Mining

Federal Approval of This Action is Necessary

13. Name (Printed/Typed)  
Jane Washburn

Title  
Operations Engineering Technician

Signature  
*[Signature]*

Date  
01/11/2005

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 2-15-05  
Initials: CHT

RECEIVED  
JAN 18 2005  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allote or Tribe Name

7. Unit Agreement Name

8. Well Name and Number

1. Type of Well

Oil Well     Gas Well     Other

9. API Well Number

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

Contact: Jane Washburn  
Phone: 720/876-5431

10. Field and Pool, or Exploratory Area

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

4. Location of Well

Footages:

**SEE ATTACHED LIST OF WELLS**

County:

QQ, Sec T,R,M:

State:

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

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

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

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

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

Other Change of Operator

Approximate date work will start \_\_\_\_\_

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

N9885                      N2175

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

RECEIVED

JAN 2 / 2005

DIV. OF OIL, GAS & MINING

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

(This space for State use only)

APPROVED 2/24/05

*ER*

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

## tom brown to encana.xls

well_name	sec	twsp	rng	api	entity	lease	well	stat	flag	unit_name	lease_num	qtr_qtr	td_md	d_apd	op_no
BIG INDIAN 36-42	36	290S	240E	4303731827		State	GW	APD			ST-UT-37067	SESW		5750	N9885
FEDERAL 14-18	18	250S	060E	4301530060	436	Federal	NA	PA			UTU-69447	SWSW			N9885
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A			UTU-070034	NENW			N9885
FEDERAL 15-25	25	290S	230E	4303730317	4776	Federal	GW	S			UTU-986	SWSE			N9885
BIG INDIAN 35-24	35	290S	240E	4303731829	14409	Federal	GW	DRL	C		UTU-077077	SENE			N9885
BIG INDIAN 27-34	27	290S	240E	4303731828		Federal	GW	APD	C		N9885				
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S		BIG INDIAN	UTSL-067131	SENE			N9885
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	TA		BIG INDIAN	UTSL-089097	SWSW			N9885
BIG INDIAN 34-11	34	290S	240E	4303731818	14004	Federal	D	PA	C	BIG INDIAN	UTU-014905	NWNW			N9885
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	DRL	C	BULL HORN	UT-73190	SWSE			N9885
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P		LISBON	UTU-09179	NENW			N9885
LISBON FED 2-21F	21	300S	250E	4303715768	410	Federal	GW	S		LISBON	UTU-094674	SENE			N9885
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S		LISBON	UTU-06922	SESW			N9885
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA		LISBON	UTSL-070034	SWNW			N9885
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A		LISBON	UTU-020691A	SWNW			N9885
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S		LISBON	UTSL-070034	NENW			N9885
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S		LISBON	UTU-09179	NWNE			N9885
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S		LISBON	UTU-66582	SWSE			N9885
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P		LISBON	UTU-015445	NESE			N9885
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P		LISBON	UTSL-070008A	NENW			N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P		LISBON	UTU-14903	NESE			N9885
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S		LISBON	UTU-09179	NESW			N9885
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S		LISBON	UTSL-070008A	NESW			N9885
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P		LISBON	UTU-09179	SWSE			N9885
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S		LISBON	UTU-015445	SESW			N9885
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA		LISBON	UTU-0141903	SWSE			N9885
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	P		LISBON	ML-13692	NENE	9120	9120	N9885
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S		LISBON	ML-8366	NESW	8689	8689	N9885
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A		LISBON	ML-8366	NESW	8730	9100	N9885
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	P		LISBON	ML-13692	SENE	8794	8775	N9885
LISBON U B-610	10	300S	240E	4303716469	8123	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW			N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW			N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTU-014903	NENE			N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW			N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	SWSE			N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW			N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NESW			N9885
LISBON (MCCRACKEN) D-615	15	300S	240E	4303731817		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				
LISBON (MCCRACKEN) A-610	10	300S	240E	4303731821		Federal	OW	LA		LISBON (MCCRACKEN)	N9885				

# Delaware

PAGE 1

*The First State*

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

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

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

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

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

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

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



2137895 8100M

040934710

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

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

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

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

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

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

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

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

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

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

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

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

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

ENCANA OIL & GAS (USA) INC.

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



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

8. **Federal and Indian Units:**

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

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

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

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

**DATA ENTRY:**

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

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE & STATE WELL(S) BOND VERIFICATION:**

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

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

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

Merger and rider of bond from Tom Brown, Inc.

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

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-094674
2. Name of Operator: EnCana Oil & Gas (USA) Inc.		6. If Indian, Allote or Tribe Name N/A
3a. Address 370 Seventeenth Street, Suite 1700 Denver, CO 80202	3b. Phone No. (include area code) 303.623.2300	7. If Unit or CA/Agreement Designation
4. Location of Well (Footage, T, R, M, or Survey Description) 2140' FNL & 1820' FWL, Section 21, T30S R25E, SLPM		8. Well Name and No. Lisbon Federal 2-21F
		9. API Well No. 43-037-15768
		10. Field and Pool, or Exploratory Area Little Valley Field
		11. County or Parish, State San Juan County, UT

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

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

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

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

Please find attached the Plug and Abandon Procedure and a wellbore diagram for the subject well, dated 1/5/2006.

**COPY SENT TO OPERATOR**  
Date: 1/12/06  
Initials: CTH

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

Name (Printed/Typed) Jevin Croteau	Title Regulatory Analyst
Signature 	Date 1/9/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Accepted by the <b>Utah Division of Oil, Gas and Mining</b>	Date 1/12/06	Federal Approval Of This Action Is Necessary
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for ny person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.			

**RECEIVED**  
JAN 10 2006

# ENCANA™



**EnCana Oil & Gas (USA) Inc.**

## **Lisbon Federal 2-21F**

**Sec 21, T30S R25E**

**SENW**

**Lisbon**

**San Juan County, Utah**

**Mississippian  
Plug and Abandon Procedure  
1/5/2006**

**EnCana Oil & Gas**  
**P&A Procedure**  
**Lisbon Fed 2-21F**

**Prepared by:** Kelvin Edsall  
**Office:** 720-876-3564  
**Cell:** 303-909-1046

**Cost Center:**

**AFE Number:** P&A Account

**API Number:** 43-037-15768

**EnCana Working Interest:** 100.000%

**Spud Date:** 9/23/1961                      **Completion Date:** 11/18/1961

**KB to GL:** 10'                                      **GL elevation:** 6854'  
**TD:** 9,560'                                      **PBTD:** 9285'

**Surface Casing:** 9-5/8" 36# J-55 LTC, set @ 2092'  
Cmt'd w/ 225 sx 50/50 poz

**Production Casing:** 7" 23, 26 & 29# N-80 LTC, set @ 9560'  
w/ 115 sks  
DV @ 9083' w/ 420 sks  
DV @ 4126' w/ 200 sks

**Tubing:** 2 7/8 " N-80 EUE 8 rd. 282 Jts @ 9091'.  
w/ Team set 1-X packer

**Formations:** Hermosa Surface  
LaSal 1010'  
Ismay 1738'  
Salt Top 2324'  
Salt Base 8963'  
Mississippian 9092'  
Ouray 9497'

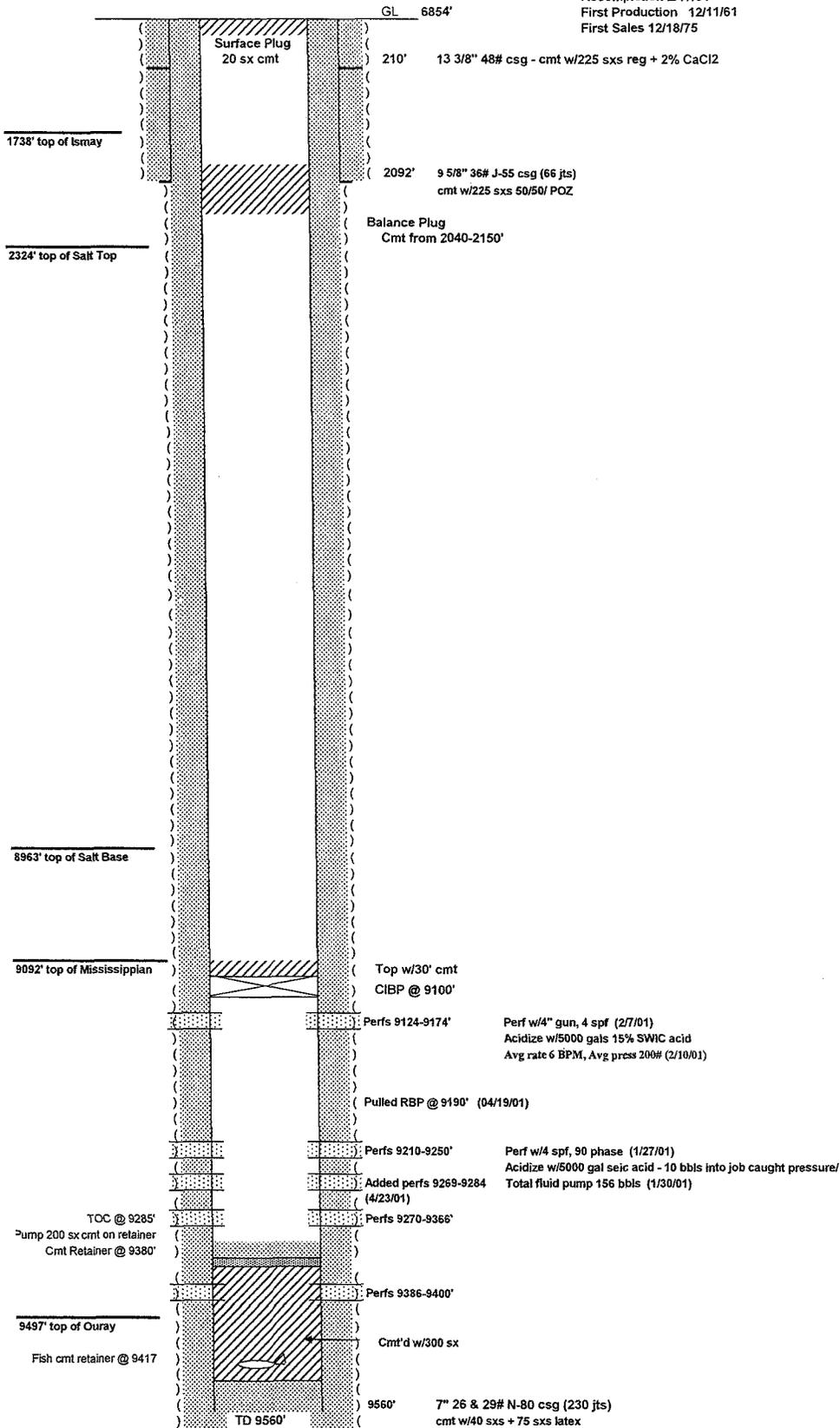
## P&A Procedure

1. MIRU Pulling unit.
2. Release packer.
3. POOH with tubing.
4. Set CIBP @ 9100'.
5. RIH w/ tbg. Circulate hole full of 10# inhibited brine, or 10# drilling mud.
6. Spot 100' cement plug on top of CIBP.
7. Spot 100' balanced cement plug from 2040' to 2100'.
8. Spot 10 sack cement plug at surface.
9. RU on surface casing and attempt to pump. If rate established, fill annulus with cement.
10. RDMO pulling unit.
11. Cut off casing below ground level, weld plate on top, and install dry hole marker.

WELLBORE DIAGRAM

Company: EnCana Oil & Gas (USA) Inc.  
 Lease Name: Lisbon Federal 2-21F  
 Location: Sec 21-T30S-R25E 2140' FNL & 1820' FWL  
 County: San Juan County, Utah  
 Date: Rev 1/5/06

KB' 6864' Spud date 9/23/61  
 Completion 11/17/61  
 Recompletion 2/17/01  
 First Production 12/11/61  
 First Sales 12/18/75



**OVER-NIGHT SHIPMENT REQUEST**

Senders Name:

Date:

**SHIPPING DETAIL**

Name:

Company:

Address:

Phone:

**CONTENTS**

Office Services Use Only			
Date	Shipping	Method	Initials

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**JAN 10 2006**

DIV. OF OIL, GAS & MINING

COPY

Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-094674
2. Name of Operator: EnCana Oil & Gas (USA) Inc.		6. If Indian, Allotte or Tribe Name
3. Address and Telephone No. 370 17th Street, Suite 1700, Denver, CO 80202		7. If Unit or CA/Agreement Designation Lisbon Unit
4. Location of Well (Footage, T, R, M, or Survey Description)  2140' FNL & 1820' FWL, Sec. 21, T30S, R25E		8. Well Name and No. Lisbon Federal 2-21F
		9. API Well No. 43-037-15768
		10. Field and Pool, or Exploratory Area Little Valley Field
		11. County or Parish, State San Juan, Utah

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

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

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

The Lisbon Federal 2-21F was plugged and abandoned on 2/9/06. A CIBP was set @ 9100 topped with a 100' cement plug. Cmt did not hold, so it was topped with an additional 40 sx (208'). Top of plug @ 8900'. A balance plug was pumped with 30 sx cmt from 1404-2166'. Anulus was filled w/ 245 bbls 50/50 Poz, pumped to fill. A 40' surface plug was set and a plate welded on top. Attached is a cement report and an updated wellbore diagram.

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JUN 14 2006  
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14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Jane Washburn	Title Operations Engineering Technician
Signature 	Date 06/07/2006

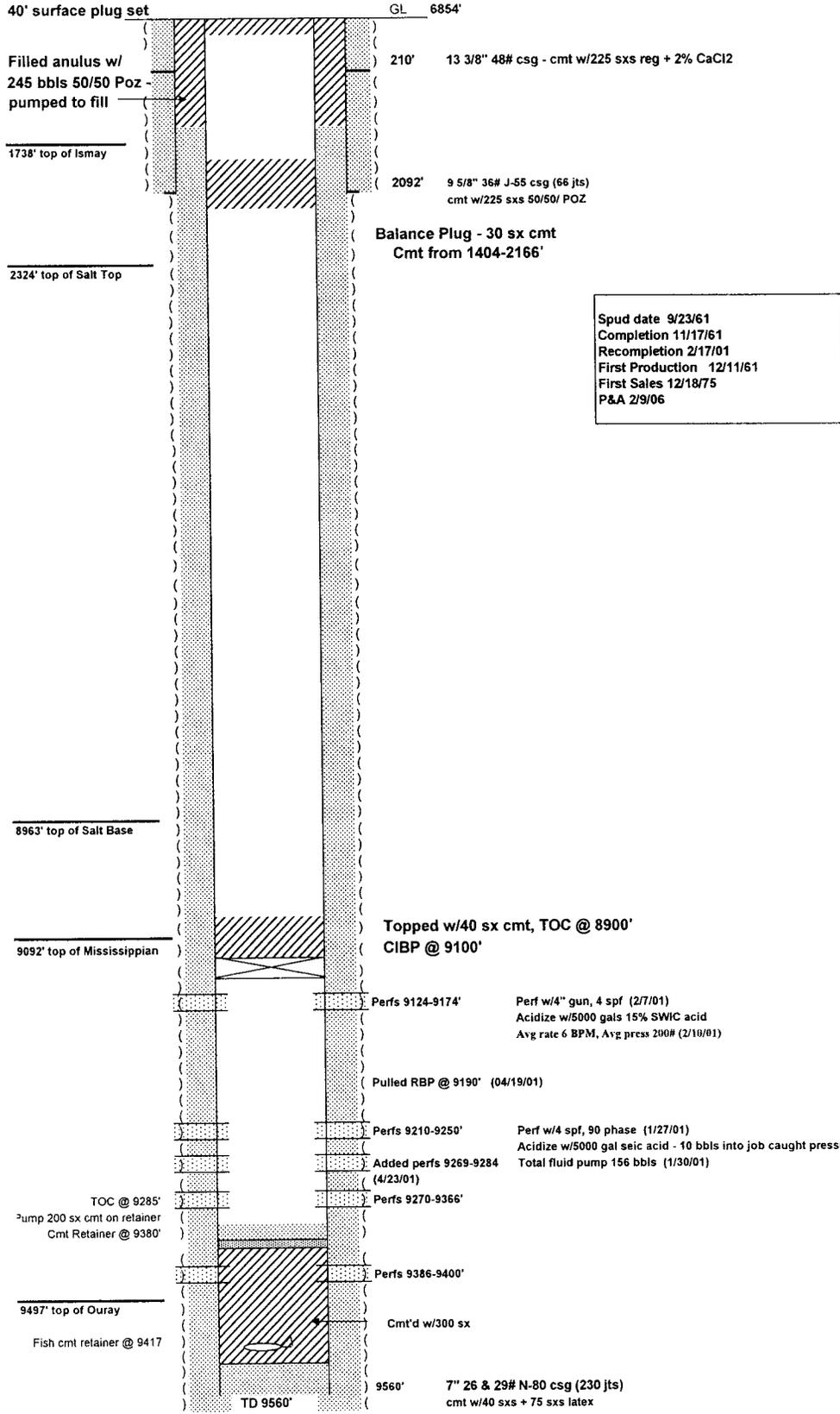
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

WELLBORE DIAGRAM -- P&A

Company: TOM BROWN INC.  
 Lease Name: Lisbon Federal 2-21F  
 Location: Sec 21-T30S-R25E 2140' FNL & 1820' FWL  
 County: San Juan County, Utah  
 Date: Rev 5/7/06 Plugged and Abandoned 2/9/06

KB' 6864'



Spud date 9/23/61  
 Completion 11/17/61  
 Recompletion 2/17/01  
 First Production 12/11/61  
 First Sales 12/18/75  
 P&A 2/9/06

# REGULATORY COMPLETION SUMMARY



Well Name : **Lisbon Fed 02-21 F** API : 4303715768 Area : Lisbon

Ops Date : 02/09/2006 Report # : 11 End Time Description  
AFE # : 0665647 8:00 AM Hold safety meety on P&A operations. Mix up 4 bbls of 16# cement .  
Fill surface pipe w/ 1.5 bbls and stayed. Watch for 1 hour. Weld  
Summary : Mix up 4 bbls of 16# cement . Fill surface plate over hole and fill in hole. Move off location.  
pipe w/ 1.5 bbls and stayed. Weld plate  
over hole and fill in hole. Move off  
location.

Well Name : **Lisbon Fed 02-21 F** API : 4303715768 Area : Lisbon

Ops Date : 02/08/2006 Report # : 10 End Time Description  
AFE # : 0665647 6:00 PM Surface casing on little vac. Hold safety meeting on P&A operations.  
R/U HES to valve and pump 6.0 bbls pressure up to 500 psi and  
held for 15 min. Bleed off slow and rig MWS down. Dig up wellhead  
and cut off. RIH w/ 60 of 1" fill w/ drilling mud. Cement 7" and 9 5/8.  
Summary : Surface casing on little vac. R/U to valve Try cementing 13 3/8 get it to fill up but it would fall back. BLM shut it  
and pump 6.0 bbls pressure up to 500 psi down. Pump total of 150 sx. Let set over night.  
and held for 15 min. Bleed off slow and  
rig MWS down. Dig up wellhead and cut  
off. Cement surface. SDFN.

Well Name : **Lisbon Fed 02-21 F** API : 4303715768 Area : Lisbon

Ops Date : 02/07/2006 Report # : 9 End Time Description  
AFE # : 0665647 6:00 PM Hold safety meeting on P&A operations. Surface casing on vac. R/U  
to valve and pump 20 bbls of water on pressure. Pump 20 sx of  
50/50 pozmix w/ silical flex and flush w/ 3 bbls wait 1 hr. Pressure  
come down to zero. Pump 125 sx 50/50 poz w/ silical flex flush w/ 5  
Summary : Surface casing on vac. R/U to valve and bbls. Wait 1 1/2 hr pressure up to 100 psi held. Pressure up to 500  
pump 20 bbls of water on pressure. Pump 20 sx of broke back. Pump 50 sx neat and flush w/ 3 bbls and SWIFN.  
50/50 pozmix w/ silical  
flex and flush w/ 3 bbls wait 1 hr.  
Pressure come down to zero. Pump 125  
sx 50/50 poz w/ silical flex flush w/ 5  
bbls. Wait 1 1/2 hr pressure up to 100 psi held.  
Pressure up to 500 broke back. Pump 50  
sx neat and flush w/ 3 bbls and SWIFN.

Well Name : **Lisbon Fed 02-21 F** API : 4303715768 Area : Lisbon

Ops Date : 02/06/2006 Report # : 8 End Time Description  
AFE # : 0665647 6:00 PM Hold safety meeting on P&A operations. R/U HES to 9 5/8 surface  
casing fill w/ 65.0 bbls. Pump in @ 2.5 bpm and 220 psi. Shut down  
and went on a vac. Pump 3 bbs down 7" pressure up to 500 and  
held. Pump 50 sx of 17# cement and displace w/ 59.0 bbls. Pressure  
Summary : Hold safety meeting on P&A operations. come down to 0 psi. SWIFN.  
R/U HES to 9 5/8 surface casing fill w/  
65.0 bbls. Pump in @ 2.5 bpm and 220  
psi. Shut down and went on a vac. Pump  
3 bbs down 7" pressure up to 500 and  
held. Pump 50 sx of 17# cement and  
displace w/ 59.0 bbls. Pressure come  
down to 0 psi. SWIFN.

Well Name : **Lisbon Fed 02-21 F** API : 4303715768 Area : Lisbon

Ops Date : 02/03/2006 Report # : 7 End Time Description  
AFE # : 0665647 6:00 PM Hold safety meeting on cement operations. RIH and tag 4' cement  
plug. Pump 40 sx plug. L/D 35 jts and rev. out no cement fill hole w/  
360 bbls of drilling mud. L/D 221 jts to 2166. Pump 30 sx of cement  
and L/D 47 jts to 1000' and rev out w/ drilling mud. Lay down 22 jts  
Summary : RIH and tag 4' cement plug. Pump 40 sx and SWNFN  
plug. Pump 40 sx plug. L/D 35 jts and rev. out no cement fill hole w/  
360 bbls of drilling mud. L/D 221 jts to  
2166. Pump 30 sx of cement and rev. out  
w/ drilling mud. Come out laying down.  
SWIFN.

# REGULATORY COMPLETION SUMMARY



Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
02/02/2006	6	12:00 PM	0 SIWP. Hold safety meeting on well operation. Wait on trucks to deliver rig equipment.
AFE # : 0665647			
Summary :		6:00 PM	Rig up and spot in equipment. Pick up 1 jt and R/U HES and spot 100' cement plug. L/D 8 jts rev out w/ 45 bbls circualate 3 bbls cement. Pull 10 stds. Tag plug in morning. SDFN.

Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
01/26/2006	5	12:00 PM	0 SIWP. Hold safety meeting on well operations. Land tbg in hanger w/ 289 jts in. N/D BOPE, N/U tree and RDMO.
AFE # : 0665647			
Summary :			0 SIWP. Land tbg in hanger w/ 289 jts in. N/U tree and RDMO.

Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
01/25/2006	4	6:00 PM	0 SIWP. Hold H2s safety meeting. R/U Lone Wolf WL and set 7" CIBP @ 9100'. R/D Lone Wolf WL. RIH w/ 290 jts tag plug. Set up to pump. SWIFN.
AFE # : 0665647			
Summary :			0 SIWP. Set 7" CIBP @ 9100'. RIH w/ 290 jts tag plug. Set up to pump. SWIFN.

Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
01/24/2006	3	6:00 PM	0 SIWP. Hold H2s safety meeting. Tally out of hole w/ 289 total jts. L/D packer and set up for P&A. SDFN.
AFE # : 0665647			
Summary :			0 SIWP. tally out of hole w/ 289 total jts. L/D packer and set up for P&A. SDFN.

Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
01/23/2006	2	6:00 PM	1500 SITP, 0 SICP. Hold H2S safety meeting. Blew tbg down to tank and unloaded 10 bbls and dieded down. Pump 30 bbls. N/D wellhead, N/U BOPE. Release PRK and tally out of hole w/ 66 stds. Denver called and shut rig down. SDFN.
AFE # : 0665647			
Summary :			1500 SITP, 0 SICP. Blew tbg down unloaded 10 bbls and dieded down. Pump 30 bbls. Release PRK and tally out of hole w/ 66 stds. SDFN.

Well Name : Lisbon Fed 02-21 F

API : 4303715768

Area : Lisbon

Ops Date	Report #	End Time	Description
01/20/2006	1	6:00 PM	Move in and spot in rig and equipment. Pull test anchors. SDFN.
AFE # : 0665647			
Summary :			Move in and spot in rig and equipment. Pull test anchors. SDFN.

# **ENCANA**

**Lisbon fed.  
2-21F**

**API Well No.:**

**2/3/2006  
SAN JUAN**

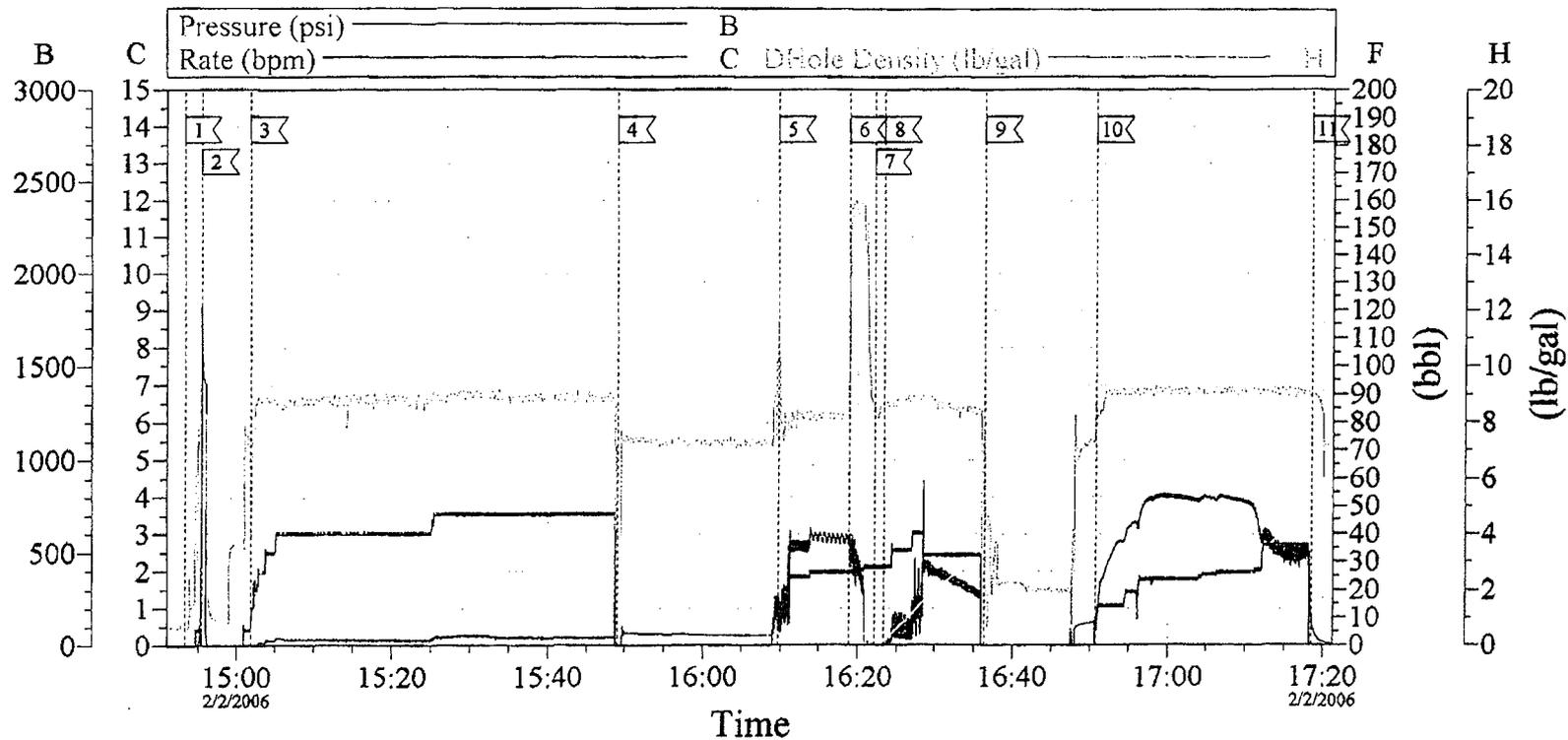
## **PLUG**

**Customer Representative:  
Tom Flynn 254-387-9775  
Halliburton Operator:  
DENNIS HAMMOND  
Ticket No.:  
4094704**

# **HALLIBURTON**

<b>HALLIBURTON</b>				<b>JOB LOG</b>				TICKET #	TICKET DATE
REGION <b>NORTH AMERICA LAND</b>				MNA / COUNTRY <b>ROCKY MOUNTAIN</b>				BDA / STATE <b>COLORADO</b>	COUNTY <b>SAN JUAN</b>
MBU ID / ENPL # <b>287025</b>				H.E.S. EMPLOYEE NAME <b>DENNIS HAMMOND</b>				PSL DEPARTMENT <b>CEMENTING SERVICES</b>	
LOCATION <b>GRAND JUNCTION, CO</b>				COMPANY <b>ENCANA</b>				CUSTOMER REP / PHONE <b>Tom Flynn 254-387-9775</b>	
TICKET AMOUNT				WELL TYPE <b>02 GAS</b>				API#	
WELL LOCATION <b>La Sal 84530</b>				DEPARTMENT <b>ZONAL ISOLATION 10003</b>				JOB PURPOSE CODE <b>7526</b>	Description <b>PLUG</b>
LEASE NAME <b>Lisbon fed.</b>			Well No. <b>2-21F</b>						
Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Pmps		Press.(PSI)		Job Description / Remarks	
				T	C	Tbg	Ceg		
	0400							CONDUCT IN YARD SAFETY MEETING LEAVE YARD	
	0930							ARRIVE ON LOCATION 02/02/06	
	0935							CONDUCT LOCATION ASSESSMENT SAFETY MEETING	
	1420							SPOT EQP. AND RIG UP	
	1450							CONDUCT PREJOB SAFETY MEETING	
	1453							START JOB TUBING 9100 FT	
	1455				1	1000		TEST LINES	
	1501	3.5	150.0	1		53		BREAK CIRCULATION	
	1549			1				SHUT DOWN	
	1609	2.0	17.0	1		600		START SPACER AHEAD	
	1618	2.0	4.1	1		400		START CEMENT 20 SKS,15.8 PPG,1.15 FT3/SK	
	1622	2.0	2.0	1		380		START SPACER BEHIND	
	1623	3.0	34.0	1		400		START MUD DISPLACE	
	1636							SHUT DOWN CHECK FOR BALANCE	
	1638							TRIP OUT OF PLUG TO 8844'	
	1650	2.7	50.0	1		800		REVERSE OUT 3BBL CEMENT TO SURFACE	
								RIG PULLED 10 STANDS	
	1730							RELEASED FROM LOCATION AT 1730	
	0800							ARRIVE ON LOCATION 800	
	0850							CONDUCT PRE JOB SAFETY MEETING	
	0904							START JOB TUBING 9100 FT	
	0906	2.0	34.0	1		780		PUMP WATER SPACER	
	0930	2.0	8.2	1		635		PUMP CEMENT 40 SKS, 15.8 PPG, 1.15 FT3/ SK	
	0936	2.0	4.0	1		14		PUMP WATER DISPLACEMENT	
	0939	2.5	34.0	1		210		PUMP MUD DISPLACEMENT	
	0952							SHUT DOWN PULL UP HOLE TO 8000 FT	
	1005							WASH PUMP	
	1032	2.0	20.0	1		640		REVERSE OUT INTO UPRIGHT TANK	
	1046							SHUT DOWN	
	1049	2.5	50.0	1		640		REVERSE OUT INTO EARTH PIT NO CEMENT REVERSED OUT	
	1101							SHUT DOWN	
	1107	2.5	115.0	1		600		REVERSE OUT UPRIGHT TANK	
	1132							END JOB	
	1133							PULLED STANDS TO 2166 FT	
	1454							START JOB	
	1456	3.5	72.0	1		460		CIRCULATED WELL WITH WATER	
	1519							SHUT DOWN	
	1530	1.5	8.2	1		80		PUMP CEMENT 40 SKS, 15.8 PPG, 1.15 FT3/ SK	
	1535	1.5	8.0	1		60		PUMPED WATER DISPLACEMENT	
	1538							SHUT DOWN CHECK FOR BALANCE	
	1541							WASHED PUMP	
	1542							PULLED UP HOLE TO 1500 FT	
	1618	3.0	15.0	1		185		REVERSED OUT WITH MUD	
	1624							END JOB	

# PLUG

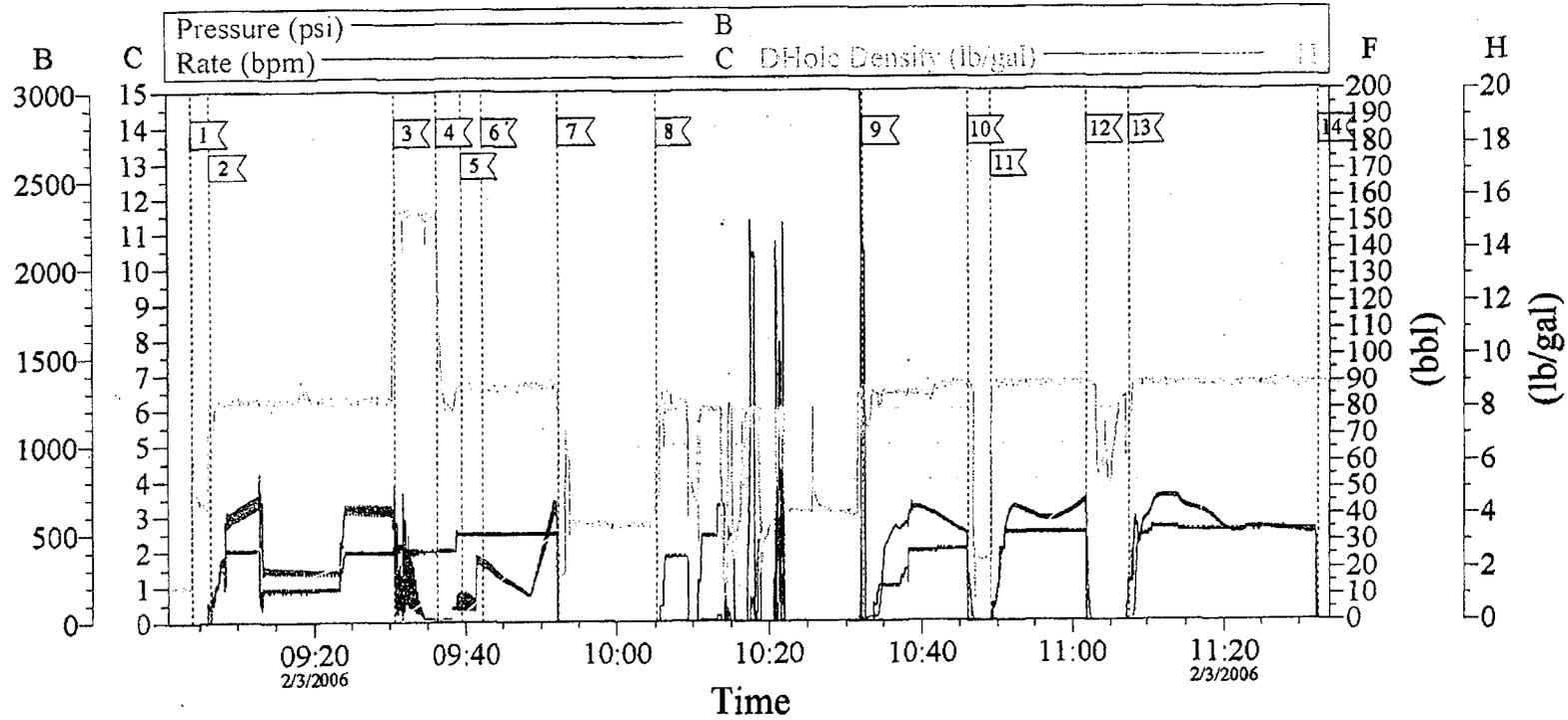


Event Log						
Intersection	P	Intersection	P	Intersection	P	
1 Start Job	14:53:18 -2.860	2 Test Lines	14:55:36 1605	3 BREAK CIRCULATION	15:01:52 -1.954	
4 SHUT DOWN	15:49:02 -5.863	5 Pump Spacer 1	16:09:41 162.1	6 Pump Cement	16:18:53 559.9	
7 Pump WATER SPACER	16:22:12 5.451	8 PUMP MUD DISP.	16:23:28 1.994	9 SHUT DOWN	16:36:24 -12.00	
10 Clean Hole	16:50:49 156.4	11 End Job	17:18:33 132.7			

Customer: ENCANA	Job Date: 2/2/06	Ticket #: 4094704
Service Supervisor: DENNIS HAMMOND	A.D.C. (yes/no): No	Real Time (yes/no): Yes
Co. Man: TOM FLYNN	Lease: LISBON FED	Well#: 2-21F

CemWin v1.3.0  
02-Feb-06 17:56

# PLUG 2



Event Log					
Intersection	P	Intersection	P	Intersection	P
1 Start Job	09:04:04 0.000	2 Circulate Well	09:06:32 39.27	3 Pump Cement	09:30:40 635.7
4 Pump Spacer 2	09:36:21 14.27	5 Circulate Well	09:39:34 75.98	6 Clean Hole	09:42:16 338.5
7 SHUT DOWN	09:52:27 -10.40	8 WASH PUMP	10:05:10 -7.817	9 REVERSE OUT	10:32:19 2112
10 SHUT DOWN	10:46:04 335.7	11 REVERSE OUT	10:49:08 -4.359	12 SHUT DOWN	11:01:52 445.6
13 REVERSE OUT	11:07:23 0.977	14 End Job	11:32:26 11.93		

Customer: ENCANA	Job Date: 2/3/06	Ticket #: 4094704
Service Supervisor: DENNIS HAMMOND	A.D.C. (yes/no): No	Real Time (yes/no): Yes
Co. Man:	Lease: LISBON FED	Well#: 2-21 F

CemWin v1.3.0  
03-Feb-06 11:39

# **ENCANA**

**Lisbon Fed.  
2-21F**

**API Well No.:**

**2/6/2006  
Grand**

## **SQUEEZE**

**Customer Representative:**

**Tom Flynn 254-387-9775**

**Halliburton Operator:**

**CJ HOFFMAN**

**Ticket No.:**

**4094704**

# **HALLIBURTON**



# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>4094704</b>	TICKET DATE <b>2/6/06</b>
BDA / STATE <b>COLORADO</b>	COUNTY <b>Grand</b>
PSL DEPARTMENT <b>CEMENTING SERVICES</b>	
CUSTOMER REP / PHONE <b>Tom Flynn 254-387-9775</b>	
API/UVI #	
SAP BOMB NUMBER <b>7526</b>	Description <b>SQUEEZE</b>

REGION <b>NORTH AMERICA</b>	NWA / COUNTRY <b>ROCKY MOUNTAIN</b>
EMPLOYEE # <b>278540</b>	H.E.S. EMPLOYEE NAME <b>CJ HOFFMAN</b>
LOCATION <b>GRAND JUNCTION, CO</b>	COMPANY <b>ENCANA</b>
TICKET AMOUNT	WELL TYPE <b>02 GAS</b>
WELL LOCATION <b>MOAB 84532</b>	DEPARTMENT <b>ZONAL ISOLATION 10003</b>
LEASE NAME <b>Lisbon Fed.</b>	SEC / TWP / RNG
Well No. <b>2-21F</b>	

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>C J Hoffman 278540</b>	..	<b>BRENT BANKS</b>	..	
<b>Jesus Carrillo 221927</b>	..		..	
<b>DIRK HAYES</b>	..			
<b>KEVIN WYLEY</b>	..			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10719772</b>	<b>360</b>	<b>EXTRA</b>	<b>360</b>	
<b>10719776</b>	<b>360</b>		<b>360</b>	
<b>10011429</b>	<b>360</b>			
<b>10741113</b>	<b>360</b>			

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	<b>2/6/06</b>	<b>2/6/06</b>	<b>2/6/06</b>	<b>2/6/06</b>
Time	<b>0200</b>	<b>0800</b>	<b>0941</b>	<b>1329</b>

Tools and Accessories		
Type and Size	Qty	Make
Float Collar 7"		HES
Float Shoe 7"		HES
Centralizers 7"		HES
Top Plug 7"		HES
Limit Clamp 7"		HES
DV Tool 7"		HES
Insert Float 7"		HES
Guide Shoe 7"		HES
Weld-A		HES

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>NEW</b>	<b>26#</b>	<b>7"</b>		<b>0</b>		
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole					<b>0</b>		<b>Shots/Ft.</b>
Perforations							
Perforations							
DV Tool							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	Density	<b>8.33</b> Lb/Gal
Prop. Type		Size	Lb
Prop. Type		Size	Lb
Acid Type		Gal.	%
Acid Type		Gal.	%
Surfactant		Gal.	In
NE Agent		Gal.	In
Fluid Loss		Gal/Lb	In
Gelling Agent		Gal/Lb	In
Fric. Red.		Gal/Lb	In
Breaker		Gal/Lb	In
Blocking Agent		Gal/Lb	
Perfpac Balls		Qty.	
Other			

Hours On Location		Operating Hours		Description of Job SEE JOB LOG
Date	Hours	Date	Hours	
<b>2/6/06</b>	<b>6.00</b>	<b>2/6/06</b>	<b>5.00</b>	
<b>Total</b>	<b>6.00</b>	<b>Total</b>	<b>5.00</b>	

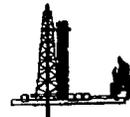
Ordered: <b>N/A</b>	Hydraulic Horsepower Available: <b>N/A</b>	Used: <b>N/A</b>
Treating: <b>N/A</b>	Average Rates in BPM Displacing: <b>N/A</b>	Overall: <b>N/A</b>
Feet:	Cement Left in Pipe	Reason: <b>CUSTOMER REQUEST</b>

Cement Data								
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal	
<b>LEAD</b>	<b>50</b>	<b>Mountain "G"</b>	<b>BULK</b>	<b>NEAT</b>		<b>3.80</b>	<b>0.99</b>	<b>17.0</b>

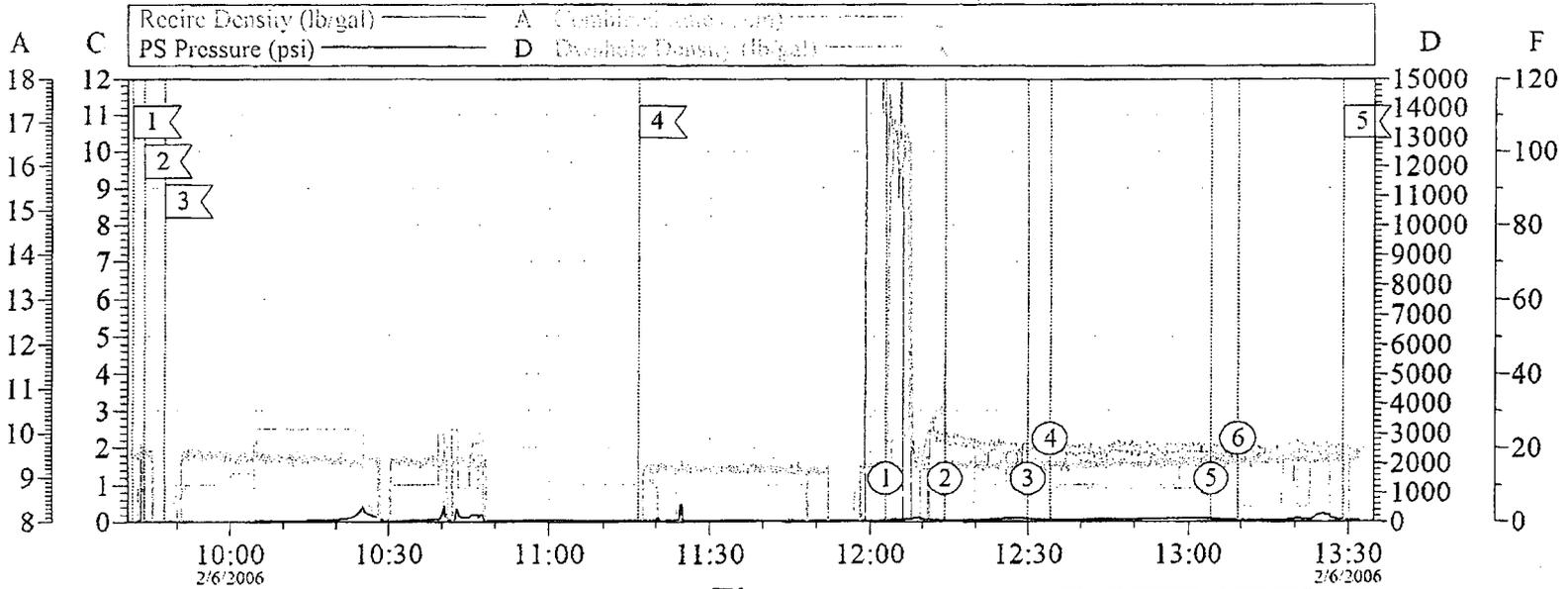
Summary				Type: <b>WATER</b>	
Circulating Breakdown	Displacement Maximum	Total Preflush BBL:		Pad:Bbl -Gal	
Lost Returns-YES	Lost Returns-NO	Load & Bkdn Gal - BBI		Calc. Disp.	
Cmt Rtn#Bbl	Actual TOC	Excess /ReturnGal BBI	<b>XXXXX</b>	BBL	
Average	Frac. Gradier	Calc. TOC:		Actual Disp.	<b>5.0</b>
Shut In: Instant	5 Min.	Cement Slurry:		Disp:Bbl	<b>BBL</b>
	15 Min.	Cement Mix H2O:		BBLs	
		Total H2O Volume		BBLs	
Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4		

**THE INFORMATION STATED HEREIN IS CORRECT  
CUSTOMER REPRESENTATIVE**

SIGNATURE \_\_\_\_\_



# 9 5/8 SURFACE



Event Log			
	Intersection	Time	PP
1	Start Job	09:41:47	12.00
2	Test Lines	09:43:52	24.62
3	Pump Down Braden Head	09:47:43	7.000
4	Load Casing	11:16:42	25.00
5	End Job	13:29:01	53.00

Stages			
	Intersection	Time	PP
1	Pump Cement	12:02:59	0.000 32.00
2	Squeeze	12:14:14	0.000 36.87
3	Stage	12:29:58	0.000 70.00
4	Squeeze	12:34:07	0.000 38.00
5	Stage	13:04:22	0.000 73.02
6	Squeeze	13:09:25	0.000 37.00

Customer: CEMENTER: CO MAN:	Job Date: 2-6-06 Job Type: WELL NAME:	Ticket #: ADC USED: WELL #:
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**HALLIBURTON**  
CemWin v1.7.0  
06-Feb-06 13:40

# **ENCANA**

**Lisbon Fed.  
2-21F**

**API Well No.:**

**2/7/2006  
Grand**

## **SQUEEZE**

**Customer Representative:**

**Tom Flynn 254-387-9775**

**Halliburton Operator:**

**CJ HOFFMAN**

**Ticket No.:**

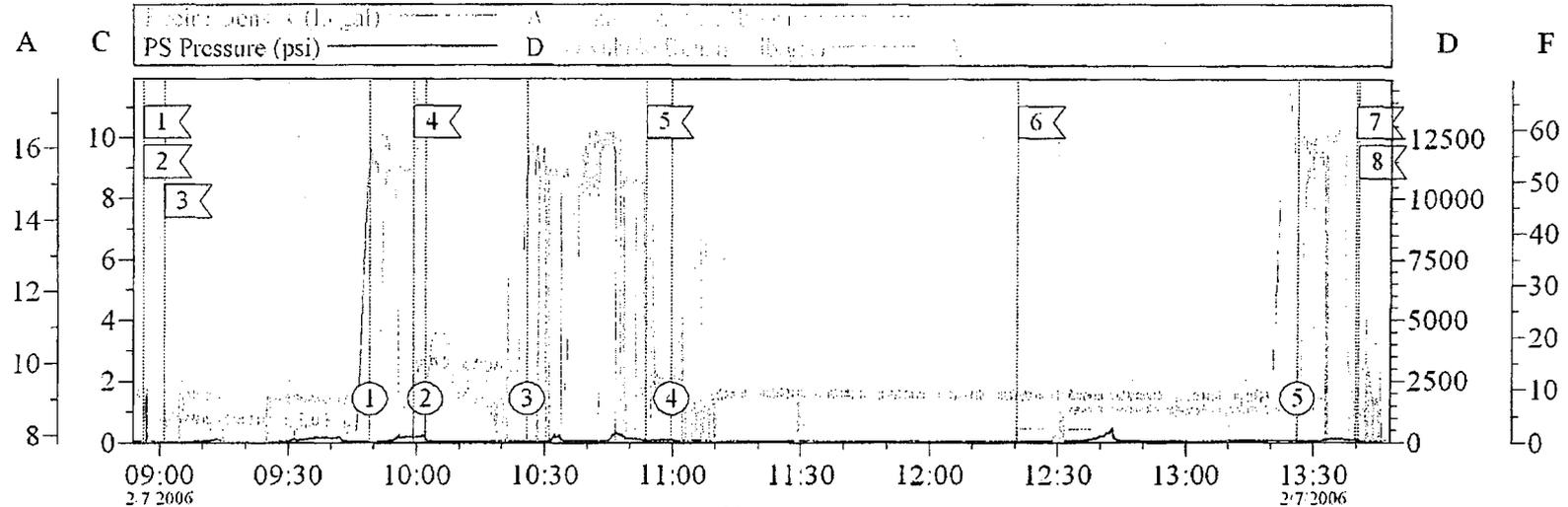
**4094704**

# **HALLIBURTON**

HALLIBURTON				JOB LOG				TICKET #	TICKET DATE
REGION NORTH AMERICA LAND				NWA / COUNTRY ROCKY MOUNTAIN				BDA / STATE COLORADO	COUNTY Grand
MBU ID / EMPL # 278540				N.E.S. EMPLOYEE NAME CJ HOFFMAN				PSL DEPARTMENT CEMENTING SERVICES	
LOCATION GRAND JUNCTION, CO				COMPANY ENCANA				CUSTOMER REP / PHONE Tom Flynn 254-387-9775	
TICKET AMOUNT				WELL TYPE 02 GAS				API/UMI #	
WELL LOCATION MOAB 84532				DEPARTMENT ZONAL ISOLATION 10003				JOB PURPOSE CODE 7526	Description SQUEEZE
LEASE NAME Lisbon Fed.			Well No. 2-21F	SEC / TWP / RNG					
Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Pmps		Press. (PSI)		Job Description / Remarks	
				T	C	Tbg	Csg		
	0400							CONDUCT IN YARD SAFETY MEETING LEAVE YARD	
	0800							ARRIVE ON LOCATION 02/06/06	
	0800							CONDUCT LOCATION ASSESSMENT SAFETY MEETING	
	0800							SPOT EQP. AND RIG UP	
	0830							CONDUCT PREJOB SAFETY MEETING	
	0856							START JOB	
	0856				1		1500	TEST LINES	
	0901	1.5	88.0		1		35	PUMP DOWN BRADEN HEAD	
	0949	1.0	5.0		1		8	PUMP CEMENT	
	0959	1.0	5.0		1		8	PUMP DISPLACEMENT	
	1002				1		171	STAGE	
	1025		5.0				11	PUMP CEMENT	
	1053	1.0	5.0		1		196	PUMP DISPLACEMENT	
	1059						63	STAGE	
	1326	1.5	7.0		1		32	PUMP CEMENT	
	1220	1.0	59.0				26	PRESSURE UP WELL	
	1339						71	SHUT IN WELL	
	1340							END JOB	



# SQUEEZE



Event Log		
Intersection		PP
1	Start Job	08:56:13 4.833
2	Test Lines	08:56:18 4.000
3	Pump Down Braden Head	09:01:11 0.000
4	Pump Displacement	09:59:21 196.0
5	Pump Displacement	10:53:42 52.18
6	Pressure up Well	12:20:29 26.00
7	Shut-in Well	13:39:52 71.09
8	End Job	13:40:33 52.29

Time

Stages		
Intersection		PP
1	Pump Cement 1	09:49:09 8.000
2	Stage	10:02:07 171.0
3	Pump Cement 2	10:25:49 11.00
4	Stage	10:59:42 63.76
5	Pump Cement	13:26:17 32.00

Customer: ENCANA  
 CEMENTER: CJ HOFFMAN  
 COMAN: TOM FLYNN

Job Date: ~~2-7-06~~ 2-7-06  
 Job Type: SQUEEZE  
 WELL NAME: LISBON FED

Ticket #: 4094704  
 ADC USED: YES  
 WELL #: 2-21F

**HALLIBURTON**  
 CemWin v1.7.0  
 07-Feb-06 13:51

# **ENCANA**

**Lisbon Fed.  
2-21F**

**API Well No.:**

**2/8/2006  
Grand**

## **PLUG TO ABANDON**

**Customer Representative:**

**Tom Flynn 254-387-9775**

**Halliburton Operator:**

**CJ HOFFMAN**

**Ticket No.:**

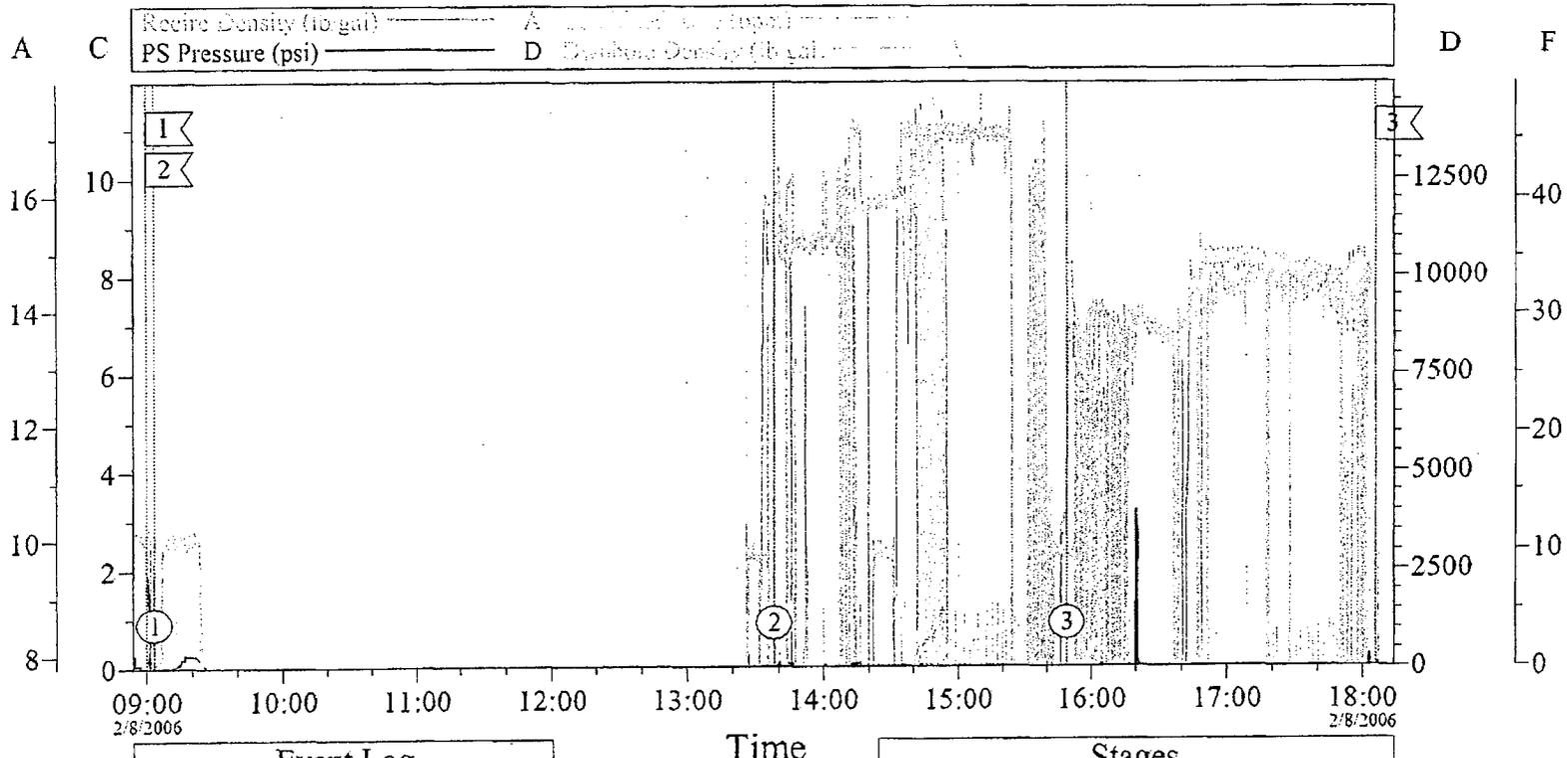
**4094704**

# **HALLIBURTON**

<b>HALLIBURTON</b>				<b>JOB LOG</b>				TICKET #	TICKET DATE
REGION <b>NORTH AMERICA LAND</b>				NWA / COUNTRY <b>ROCKY MOUNTAIN</b>				BDA / STATE <b>COLORADO</b>	COUNTY <b>Grand</b>
MBU ID / EMPL # <b>278540</b>				H.E.S EMPLOYEE NAME <b>CJ HOFFMAN</b>				PSL DEPARTMENT <b>CEMENTING SERVICES</b>	
LOCATION <b>GRAND JUNCTION, CO</b>				COMPANY <b>ENCANA</b>				CUSTOMER REP / PHONE <b>Tom Flynn 254-387-9775</b>	
TICKET AMOUNT				WELL TYPE <b>02 GAS</b>				API/AMI #	
WELL LOCATION <b>MOAB 84532</b>				DEPARTMENT <b>ZONAL ISOLATION 10003</b>				JOB PURPOSE CODE <b>7526</b>	Description <b>PLUG TO ABANDON</b>
LEASE NAME <b>Lisbon Fed.</b>				Well No. <b>2-21F</b>				SEC / TWP / RNG	
Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Pmps		Press. (PSI)		Job Description / Remarks	
				T	C	Tbg	Csg		
	0400							CONDUCT IN YARD SAFETY MEETING LEAVE YARD	
	0800							ARRIVE ON LOCATION 02/08/06	
	0800							CONDUCT LOCATION ASSESSMENT SAFETY MEETING	
	0815							SPOT EQP. AND RIG UP	
	0850							CONDUCT PREJOB SAFETY MEETING	
	0859							START JOB	
	0859						1500	TEST LINES	
	0903	0.5	6.0				300	INJECTION TEST/LOAD HOLE	
	0915	1.0	6.0				300	PRESSURE UP HOLE PRESSURE HELD @ 300#	
	1330							RIG UP TO TOP OUT	
	1338	1.0	55.0					PUMP CEMENT AND TOP OUT WELL	
	1805							END JOB	
								CAP CEMENT DID NOT HOLD COME BACK TOMORROW	



# 9 5/8 SURFACE



Event Log			
Intersection		Time	PP
1	Start Job	08:59:50	3.000
2	Test Lines	08:59:54	4.000
3	End Job	18:05:37	56.00

Stages			
Intersection		Time	PP
1	Pump Well Fluid	09:03:25	10.00
2	Pump Cement	13:38:11	0.000
3	Pump Cement	15:49:04	-2.000

Customer:  
CEMENTER:  
CO MAN:

Job Date: 2-8-06  
Job Type:  
WELL NAME:

Ticket #:  
ADC USED:  
WELL #:

**HALLIBURTON**  
CemWin v1.7.0  
08-Feb-06 18:12

# **ENCANA**

**Lisbon Fed.  
2-21F**

**API Well No.:**

**2/9/2006  
Grand**

**PLUG TO ABANDON**

**Customer Representative:  
Tom Flynn 254-387-9775  
Halliburton Operator:  
CJ HOFFMAN  
Ticket No.:  
4094704**

# **HALLIBURTON**



# HALLIBURTON JOB SUMMARY

REGION <b>NORTH AMERICA</b>		NWA / COUNTRY <b>ROCKY MOUNTAIN</b>		SALES ORDER NUMBER <b>4094704</b>		TICKET DATE <b>2/9/06</b>	
EMPLOYEE # <b>278540</b>		H.E.S. EMPLOYEE NAME <b>CJ HOFFMAN</b>		BDA / STATE <b>COLORADO</b>		COUNTY <b>Grand</b>	
LOCATION <b>GRAND JUNCTION, CO</b>		COMPANY <b>ENCANA</b>		PSL DEPARTMENT <b>CEMENTING SERVICES</b>			
TICKET AMOUNT		WELL TYPE <b>02 GAS</b>		CUSTOMER REP / PHONE <b>Tom Flynn 254-387-9775</b>			
WELL LOCATION <b>MOAB 84532</b>		DEPARTMENT <b>ZONAL ISOLATION 10003</b>		SAP BOMB NUMBER <b>7526</b>		Description <b>PLUG TO ABANDON</b>	
LEASE NAME <b>Lisbon Fed.</b>		Well No. <b>2-21F</b>		SEC / TWP / RNG			

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>C J Hoffman 278540</b>	2.0	<b>MIKE COOLEY</b>	2.0	
<b>Jesus Carrillo 221927</b>	2.0	<b>BRENT BANKS</b>	2.0	
<b>DIRK HAYES</b>	2.0			
<b>KEVIN WYLEY</b>	2.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10719772</b>	<b>360</b>	<b>EXTRA</b>	<b>360</b>	
<b>10719776</b>	<b>360</b>	<b>EXTRA</b>	<b>360</b>	
<b>10624108 10744594</b>	<b>360</b>			
<b>10741259 10567589</b>	<b>360</b>			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Tools and Accessories			
Type and Size	Qty	Make	
Float Collar 7"		HES	
Float Shoe 7"		HES	
Centralizers 7"		HES	
Top Plug 7"		HES	
Limit Clamp 7"		HES	
DV Tool 7"		HES	
Insert Float 7"		HES	
Guide Shoe 7"		HES	
Weld-A		HES	

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	H2O	Density	8.33
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			

Date	Called Out	On Location	Job Started	Job Completed
	2/9/06	2/9/06	2/9/06	2/9/06
Time	0300	0800	0914	0938

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	26#	7"		0		
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole					0		Shots/Ft.
Perforations							
Perforations							
DV Tool							

Hours On Location		Operating Hours		Description of Job	
Date	Hours	Date	Hours	SEE JOB LOG	
2/9/06	2.00	2/9/06	1.00		
<b>Total</b>	<b>2.00</b>	<b>Total</b>	<b>1.00</b>		

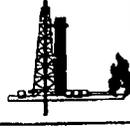
Ordered: N/A	Hydraulic Horsepower Available: N/A	Used: N/A
Treating: N/A	Average Rates in BPM Displacing: N/A	Overall: N/A
Feet:	Cement Left in Pipe	Reason: CUSTOMER REQUEST

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
	100	TYPE V		2% VERSASET 3% CACL 5 LB/SK GILSONITE	3.40	0.94	15.8
	50	Mountain "G"		NEAT			

Summary			
Circulating _____	Displacement _____	Total Preflush BBL: _____	Type: <b>WATER</b>
Breakdown _____	Maximum _____	Load & Bkdn Gal - BBI _____	Pad:Bbl -Gal _____
Lost Returns-YES _____	Lost Returns-NO <b>XXXXX</b>	Excess /ReturnGal BBI _____	Calc. Disp. _____
Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradier _____	Cement Slurry: _____	Disp:Bbl _____
Shut in: Instant _____	5 Min. _____	Cement Mix H2O: _____	BBLs _____
	15 Min. _____	Total H2O Volume _____	BBLs _____

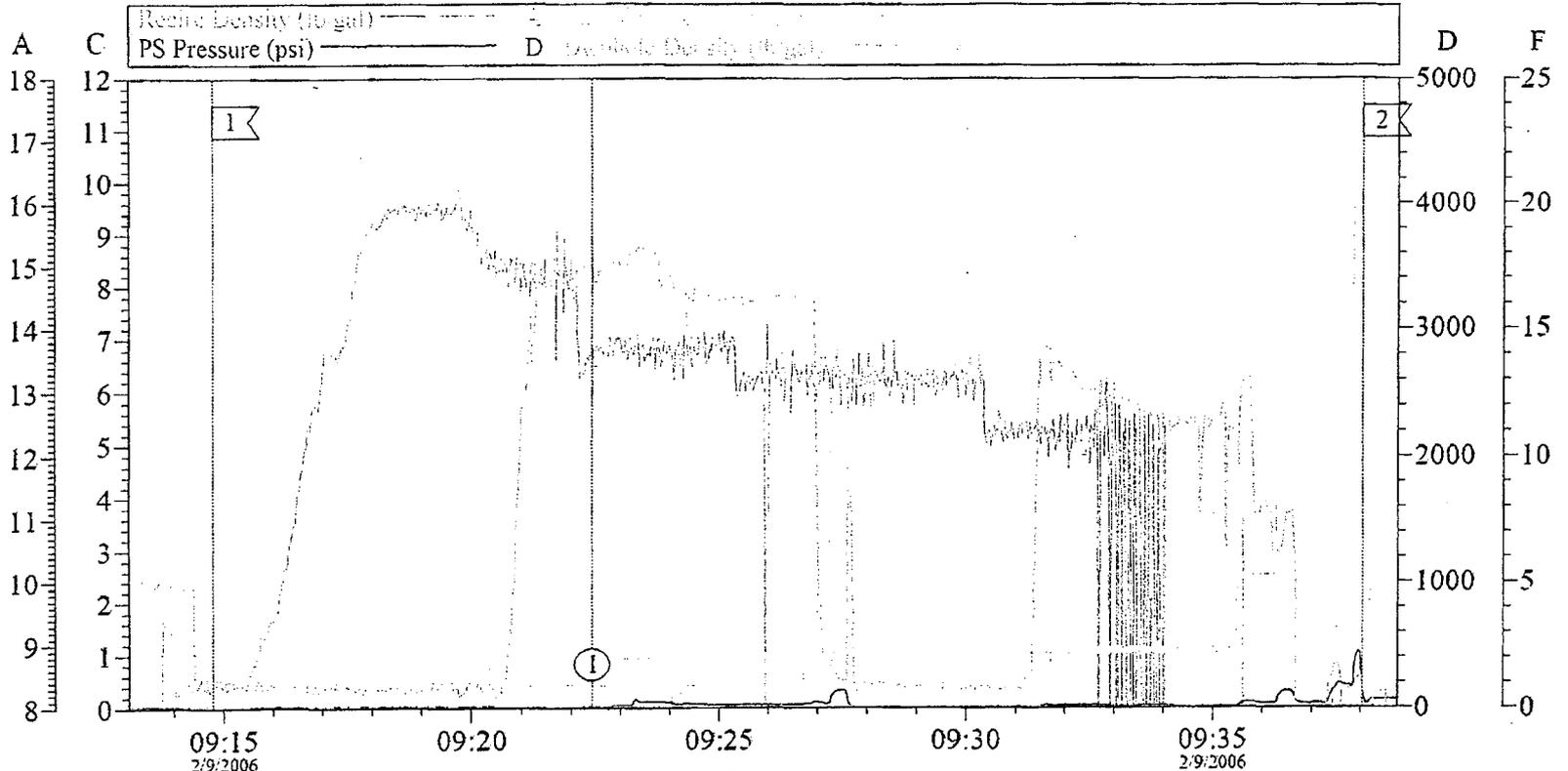
Frac Ring #1 _____	Frac Ring #2 _____	Frac Ring #3 _____	Frac Ring #4 _____
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**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE



SIGNATURE \_\_\_\_\_

# PTA SURFACE



Event Log			
	Intersection		PP
1	Start Job	09:14:47	1.000
2	End Job	09:38:03	80.83

Stages			
	Intersection		PP
1	Pump Cement	09:22:26	0.000

Customer: ENCANA  
 CEMENTER: CJ HOFFMAN  
 CO MAN: TOM FLYN

Job Date: 2-9-2006  
 Job Type: PTA  
 WELL NAME: LISBON FED

Ticket #: 4094704  
 ADC USED: NO  
 WELL #: 2-21F

**HALLIBURTON**  
 CemWin v1.7.0  
 09-Feb-06 10:34

B-5-06:10:40AM

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 4094704		<b>Field Ticket Date:</b> Thursday, February 09, 2006	
<b>Bill To:</b> ENCANA USA E-BILLING-RIFLE 2717 COUNTY RD 215 STE 100 PARACHUTE, CO 81635		<b>Job Name:</b> Squeeze Service, ENCANA OIL & GAS (USA) INC. E-BIZ, Lisbon Fed, <b>Order Type:</b> Streamline Order (ZOH) <b>Well Name:</b> Lisbon Fed 2-21 <b>Company Code:</b> 1100 <b>Customer PO No.:</b> n/a <b>Shipping Point:</b> Grand Junction, CO, USA <b>Sales Office:</b> Rocky Mountains BD <b>Well Type:</b> <b>Well Category:</b>	
<b>Ship To:</b> ENCANA OIL & GAS (USA) INC. E-BIZ Lisbon Fed, 2-21 UNKNOWN,			

Material	Description	QTY	UOM	Base Amt	Disc Amt	Gross Amount	Discount	Net Amount
7526	CMT SQUEEZE PERFORATIONS BOM	1	JOB	0.00	0.00	0.00		0.00
1	ZI-MILEAGE FROM NEAREST HES BASE/UNIT Number of Units	360 2	MI	0.00	8.74	6,292.80	35%	4,090.32
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	380 2	MI	0.00	0.40	288.00		288.00
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	360 10	MI	0.00	5.14	18,504.00	35%	12,027.60
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	380 10	MI	0.00	0.13	468.00		468.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	7	EA	0.00	215.20	1,508.40		1,508.40
16067	SQUEEZE PUMPING CHARGE,ZI DEPTH FEET/METERS (FT/M)	1 9100	EA FT	0.00	13,500.00	13,500.00	35%	8,775.00
75234	OPEN HOLE SQUEEZE THRU PERF,ADD HR ZI HOURS	1 36	EA	0.00	956.00	34,416.00	35%	22,370.40
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	0.00	120.00	120.00		120.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	74.00	74.00		74.00
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	0.00	2,031.00	2,031.00	35%	1,320.15
132	PORT. DAS W/CEM/IN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	0.00	1,472.00	1,472.00	35%	956.80
3965	HANDLE&DUMP SVC CHRNG, CMT&ADDITIVES,ZI NUMBER OF EACH	609 1	CF	0.00	4.90	2,984.10	35%	1,839.68
76400	ZI MILEAGE,CMT MTL5 DEL/RET MIN NUMBER OF TONS	180 28.99	MI	0.00	2.99	15,602.42	35%	10,141.57
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	180 28.99		0.00	0.13	678.37		678.37
100003685	CEM,CLASS G / PREMIUM, BULK	400	SK	0.00	36.73	14,692.00	35%	9,548.80
100005050	Chemical - HR-5 (50 lb)	4	LB	0.00	9.88	39.52	35%	25.69
104535	ST SQUEEZE MANIFOLD, W/HES DAYS OR PARTIAL DAY(WHOLE NO.)	1 1	EA	0.00	559.00	559.00	35%	363.35
16112	SRV LDR, SRV COORD, TECH PERSONNEL/HR,ZI HOURS	1 44	EA	0.00	246.00	10,824.00	35%	7,035.60
100008028	SUGAR,GRANULATED,50LB BAG,IMPERIAL	200	LB	0.00	5.75	1,150.00	35%	747.50
432487	CMT, Bulk Cement Surcharge	550	EA	0.00	1.38	759.00		759.00
101216940	POLY-E-FLAKE	125	LB	0.00	4.97	621.25	35%	403.81
100005053	CALCIUM CHLORIDE HI TEST PLT	7	SK	0.00	224.10	1,568.70	35%	1,019.65
100003690	POZMIX A FLYASH	10576	LB	0.00	21.61	2,285.47	35%	1,485.56
100003684	CLASS A REGULAR/TYPE 1	50	SK	0.00	36.13	1,806.50	35%	1,174.22
101376573	VERSASET	10	LB	0.00	10.82	108.20	35%	70.33

Field Ticket Number: 4094704

Field Ticket Date: Thursday, February 09, 2006

1 of 2

Material	Description	QTY	UCM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100001618	GILSONITE	250	LB	0.00	1.46	365.00	35%	237.25
				<b>Totals</b>	<b>USD</b>	<b>132,715.73</b>	<b>45,087.70</b>	<b>87,628.03</b>

Halliburton Rep:  
Customer Agent:  
Halliburton Approval

CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X \_\_\_\_\_  
Customer Signature

**FIELD TICKET TOTAL USD 87,628.03**

Field Ticket Number: 4094704

Field Ticket Date: Thursday, February 09, 2006  
2 of 2