

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO 88240

SUBMIT IN TRIPLI
(Other instructions
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ Dry - P & A		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR L & B OIL COMPANY, INC.		8. FARM OR LEASE NAME Federal	
3. ADDRESS OF OPERATOR 9800 Centre Parkway, #900, Houston, Texas 77036		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 1980' FEL of Sec. 5, T-22S, R-34E		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T-22S, R-34E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3611' GR	12. COUNTY OR PARISH Lea	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☒
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☒

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

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

All zones deemed dry or wet from log & DST data obtained. Well P & A 12/12-13/84.
12/12/84: Plug #1 13,503'-13708' w/5 bbls of water ahead and 40 sx. Cl H + 0.3% WR-2, Weight 15.6 ppg, yield 1.18 cf/sx, 8.5 barrel slurry.
Plug #2 12,818'-13,023' w/40 sx Cl H + 0.3% WR-2, Weight 15.6 ppg, yield 1.18 cf/sx, 8.5 barrel slurry.
Plug #3 11,707'-11912' w/35 sx Cl H + 0.3% WR-2, Weight 15.6 ppg, yield 1.18 cf/sx, 8.5 barrel slurry.
Plug #4 8,550-8,704' w/35 sx Cl H + 0.3% WR-2, Weight 15.6 ppg, yield 1.18 cf/sx, 8.5 barrel slurry.
Plug #5 4698-4856' w/30 sx Cl C-neat, Weight 14.8 ppg, yield 1.32 cf/sx, 8.2 barrel slurry.
Plug #6 977-1155' - Perforated 7-5/8" @ 1146-1150' w/4 holes, 30 sx Cl C-neat, Weight 14.8 ppg, yield 1.32 cf/sx, 8.2 barrel slurry.
Plug #7 60' surface plug w/13 sx Cl C-neat, Weight 14.8 ppg, yield 1.32 cf/sx, 8.2 barrel slurry.
12/13/84 10 hrs. Set out BOP's; set out and load out rental equipment; knock out cement from bottom of cellar to retrieve base plate. Set out A, B, & C sections of base plate. Capped well; welded 10' marker. Cut bar hoppers loose. Cleaned pits.

NOTE: 12/12/84, Walter Cox of BLM (Hobbs, New Mexico) witnessed all plugs.
12/13/84, Walter Cox of BLM (Hobbs, New Mexico) on location all day.

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

SIGNED Walter Cox TITLE Agent DATE 4/18/86

(This space for Federal or State office use)

APPROVED BY Orig. Sig. TITLE DATE 10-2-86
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
OCT 6 1986
HONOLULU OFFICE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well sealed conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

1. See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 55963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T-22S, R-34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P & A

2. NAME OF OPERATOR

L & B OIL COMPANY, INC.

3. ADDRESS OF OPERATOR

9800 Centre Parkway, #900, Houston, Texas 77036

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

At surface 660' FSL & 1980' FEL

At top prod. interval reported below

At total depth 660' FSL & 1980' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/15/84

16. DATE T.D. REACHED

12/3/84

17. DATE COMPL. (Ready to prod.)

Dry

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3611' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

14054'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dry

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-LDT; CNL/LDT/DLL/RXO

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	1120'	17-1/2"	700 sx Hal-lite+200sx Cl C	
10-3/4"	45.5&51.0	4800'	12-1/4"	800 sx Hal-lite+200sx Cl C	(1st stage)
				600 sx Hal-lite	(2nd stage)
7-5/8"	33.7	11800'	9-1/2"	100sx Hal-lite"H"+350sx Cl C	H (1st stage)*

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

7-5/8" @ 1146-1150' w/4 holes to P & A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		ACCEPTED FOR RECORD				DRY HOLE	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→		APR 23 1986			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

CARLSBAD, NEW MEXICO

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

SIGNED

Johny Cortez

TITLE

Agent

DATE 4/21/86

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
MAY 1 1960 11:00 AM 11:00 AM				Yates	3780	
				Capitan	4140	
				Delaware	5160	
				Bone Springs	8685	
				Dean	11388	
				Wolfcamp	11753	
				Strawn	12396	
				Atoka	12830	
				Morrow	13321	

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 55963
2. NAME OF OPERATOR L & B Oil Company, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 9800 Centre Parkway, Ste. 900 Houston, TX 77036		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 1980' FEL of Sec. 5, T-22S, R-34E		8. FARM OR LEASE NAME Federal
14. PERMIT NO.		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3611' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T-22S, R-34E
		12. COUNTY OR PARISH Lea
		13. STATE NM

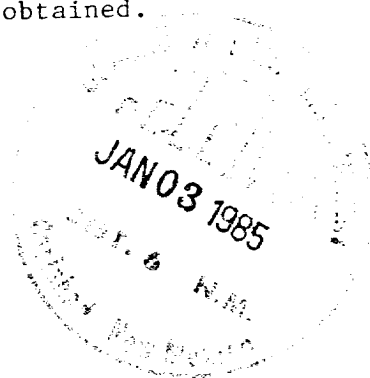
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☒	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☒
REPAIR WELL ☐	CHANGE PLANE ☐	(Other) ☐	(Other) ☐

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

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

All zones deemed dry or wet from log and DST data obtained.



Steve Manley

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

SIGNED <u>Steve Manley</u>	TITLE <u>Engineer</u>	DATE <u>12-31-84</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE <u>Commissioner</u>	DATE <u>1-10-85</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

DAILY DRILLING REPORT

L & B Oil Company, Inc.
Federal #1-5
West Grama Ridge Prospect
660' FSL & 1980' FEL of
Sec. 5, T-22S, R-34E
Lea County, New Mexico

Rival Drilling, Inc. Rig #10
Proposed TD: 13,500'
Spud Date: 9/15/84

12-12-84

P & A

- Plug #1 13,503'-13,708'
5 barrels of water ahead and 40 sx. Class "H" +
0.3% WR-2 (weight 15.6 ppg, yeild 1.18 cf/sx,
8.5 barrel slurry).
- Plug #2 12,818'-13,023'
40 sx. Class "H" + 0.3% WR-2 (weight 15.6 ppg,
yield 1.18 cf/sx, 8.5 barrel slurry).
- Plug #3 11,707'-11,912'
40 sx. Class "H" + 0.3% WR-2 (weight 15.6 ppg,
yield 1.18 cf/sx, 8.5 barrel slurry).
- Plug #4 8,550'-8,704'
35 sx. Class "H" + 0.3% WR-2 (weight 15.6 ppg,
yield 1.18 cf/sx, 8.5 barrel slurry).
- Plug #5 4,698'-4,856'
30 sx. Class "C" neat (weight 14.8 ppg, yield
1.32 cf/sx, 8.2 barrel slurry).
- Plug #6 977'-1155' - Perforated 7-5/8" @ 1146'-1150'
w/ 4 holes 30 sx. Class "C" neat (weight
14.8 ppg, yield 1.32 cf/sx, 8.2 barrel slurry).
- Plug #7 60' surface plug
13 sx Class "C" neat (weight 14.8 ppg, yield
1.32 cf/sx, 8.2 barrel slurry).

Note: Walter Cox of BLM (Hobbs, New Mexico) witnessed
all plugs.

12-13-84

TD 14,054' driller's
TD 14,046' logger's

P & A

- 10 hrs. Set out BOP's; set out and load out rental
equipment; knock out cement from bottom of cellar
to retrieve base plate. Set out A, B, & C sec-
tions of base plate. Capped well; welded 10'
marker. Cut bar hoppers loose. Cleaned pits.
- Note: Walter Cox of BLM (Hobbs, New Mexico) on location
all day.

RIG RELEASED: 6:00 pm, 12-12-84

(November 1983)
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 55963

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T-22S, R-34E NMPM

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

L & B Oil Company, Inc.

3. ADDRESS OF OPERATOR

4500 W. Illinois, Ste. 102 ---Midland, Texas 79703

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

At surface

Unit Letter O. 660' FSL & 1980' FEL of Sec. 5, T-22S,
R-34E NMPM

14. PERMIT NO.

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

3611 GR

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON*

☐

REPAIR WELL

☐

CHANGE LEASE

☒

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACURE TREATMENT

☐

ALTERING CASING

☒

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(Other)

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

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

While drilling intermediate hole, we were able to further study the casing points chosen by offset operators. It was determined that a casing point below 5000' would be satisfactory from a mechanical standpoint. After drilling to 5108', 10-3/4" intermediate casing was run. Plans called for setting casing at 5108', cementing the first stage up to 3500' and running a DV tool @ 1870' (70' below the Rustler top) through which cement would be circulated back to surface. While running the intermediate casing, we became well stuck at 4800'. While still able to circulate, we were unable to wash casing down and were forced to cement at 4800'. The USGS was notified and the first stage was cemented with 800 sx. Lite w/10#/sx. gilsonite, 15#/sx. salt and 1/4#/sx. flocele. Plug down @ 5:10 AM 10/1/84 with full returns. The second stage was cemented with a USGS witness. This stage was cemented with 600 sx. Lite w/15#/sx. salt, 1/4#/sx. flocele and 5#/sx. gilsonite. Plug down @ 1:16 PM 10/1/84, circulated 75 sx. cut. Currently drilling 9 1/2" hole below casing seat.

While drilling 9 1/2" hole it became apparent we were on the downthrown side of the fault causing the Wolfcamp top to be 11,752'. It was expected to come in at 11,350'. For this reason it was necessary to drill 9 1/2" hole to 11,800' at which point 7-5/8", 33.7# casing was set and cemented with sx.

Due to the above mentioned circumstances the proposed TD is 14,500'.

I hereby certify that the foregoing is true and correct

SIGNED

Steve Manley

TITLE

Engineer

DATE

11/1/84

(This space for Federal or State office use)

APPROVED BY

[Signature]

TITLE

[Signature]

DATE

11-26-84

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
NOV 27 1984
O.C.D.
HOBBS OFFICE