

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lomak Petroleum, Inc.

3. Address and Telephone No.

3030 Northwest Expressway, Suite 1850, OKC, OK 73112 (405) 947-3139

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

1772' FSL, 813' FEL Sec. ^I13~~7~~-23N-R7W

5. Lease Designation and Serial No.

SF 078360

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lybrook South #7

9. API Well No.

30-039-24755-00

10. Field and Pool, or Exploratory Area

Lybrook (Gallup) GP

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

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

Propose to plug and abandon this well per the attached procedure.

RECEIVED
JUN - 9 1997

OIL CON. DIV.
DIST. 3

RECEIVED
RLM
97 MAY 23 PM 3:06
OTO FARMINGTON, NM

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

Signed Blaine Stahly

Title Petroleum Engineer

Date 5/22/97

(This space for Federal or State office use)

Approved by /S/ Duane W. Spencer

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

NMOCO

Lybrook South #7
13I -T 23N-R 7W
Rio Arriba County, NM

Workover Procedure

Objective: Plug and Abandon Well

Note: All cement volumes use 100' excess outside of pipe and 100' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. The Class B cement properties are: 1.18 cf/sk, 5.2 gal/sk, and 15.6 ppg.

- 1.) Prepare blow pit. Install and test location rig anchors if necessary. Comply to all NMOCD and BLM safety regulations.
- 2.) MI & RU workover unit. Kill well w/ 2% KCL water if necessary. Unseat pump.
- 3.) POH and LD 82-3/4" rods, 131-5/8" rods, and 2"x1-1/2"x25' pump. ND wellhead and NU BOP.
- 4.) POH and tally 2-3/8" tubing (visually inspect tubing while POH). If necessary, LD and PU 2-3/8" workstring.
- 5.) **Plug #1 (Gallup perforations and top - 5,512'-4,955'):** RIH with open ended tubing to 5,512'. Pump 30 bbls water and attempt to establish circulation. Mix 43 sx Class B cement and spot a balanced plug from 5,512'-4,955'. POH w/ tubing to 3,735' and WOC. RIH and tag cement. POH to 3,735'.
- 6.) **Plug #2 (Mesaverde top - 3,570'-3,470'):** Mix 12 sx Class B cement and spot a balanced plug inside casing from 3,570'-3,470' to cover Mesaverde top. POH to 1,970'.
- 6.) **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 1,970'-1,270'):** Mix 53 sx Class B cement and set a balanced plug inside casing from 1,970'-1,270' to cover the Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops. PUH and set tubing at 373'.
- 7.) **Plug #4 (Surface):** Attempt to establish rate into bradenhead valve (maximum pressure 300 psi). If able to pump into bradenhead, fill up surface casing/production casing annulus with cement. With tubing at 373', mix approximately 29 sx Class B cement and pump down tubing. Circulate good cement out casing valve. POH and LD tubing and setting tool. SWI and WOC.
- 8.) ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

**Lybrook South #7
13I - 23N - 7W
Rio Arriba Co., NM**

Well History

- 8-2-90** Spudded well. Drilled 12-1/4" surf hole. Set 8-5/8" (24#, J-55) csg at 323' and cmt'd w/ 250 Class "B" + 2% CaCl + 1/4#/sk celloseal.
- 8-12-90** Drilled 7-7/8" hole to 5,710' TD. Logged well from 5,714'. Ran 130 jts 4-1/2" csg (11.6#-J-55) prod csg and set at 5,704' KB. Pumped 650 sx 65/35 Poz, 12% gel, 6# gilsonite/sk + 250 sx 50/50 w/ 2% gel + 10% salt. Circulated 150 sx out of surface.
- 8-16-90** Ran GR-CLL from 5,642' -5,200'. Perf'd Mayre from 5,456-62' and 5,436-40' (4 JSPF- 40 holes). Broke down perfs w/ 2% KCL water at 1,250 psi. Pumped at 8 BPM and 1,100 psi. Pumped 1,000 gals 15% HCL and 25 balls. No ball action. ISIP 650 psi. 15 min 630 psi.
- 8-17-90** Fraced down csg w/ 15,960 gals 70% quality foam w/ 20# linear gel and 80,000# Arizona sd at 7.5-11.2 BPM and 2,650 psi. ISIP 1,900 psi. 15 min SIP 1,840 psi. Flowed back well.
- 8-19-90** RIH w/ 1 jt tbg, 6' perf sub, SN, and 2-3/8" prod tbg. Tagged bottom at 5,519'. Set EOT at 5,427' and SN at 5,391'. Ran 131-5/8" rods and 82-3/4" rods w/ 2"x1-1/2"x25' pump.
- 10-7-90** POH w/ rod assembly. Redressed pump and RIH w/ same rod makeup.
- 10-28-90** POH w/ rod assembly. Hot oiled tbg. Redressed pump and RIH w/ same rod makeup.
- 5-21-92** Well shut-in due to marginal production.

LOMAK PETROLEUM, INC.

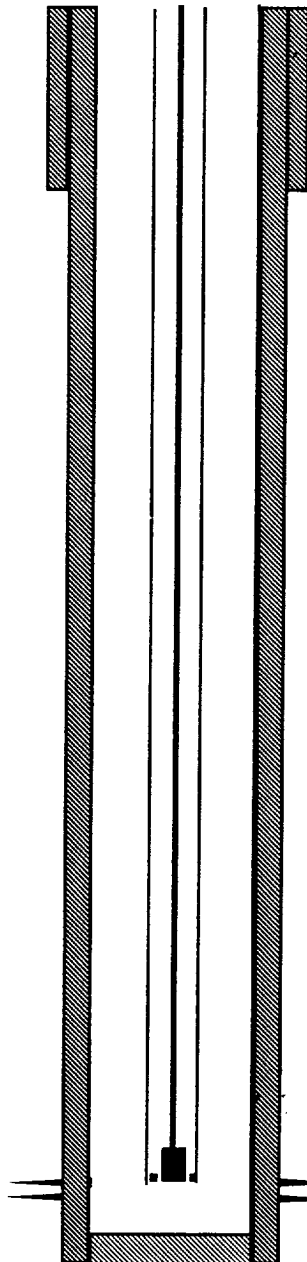
WELLBORE SCHEMATIC

WELL NAME: LYBROOK SOUTH #7	FIELD: LYBROOK (GALLUP) GP
LOCATION: SEC 13I - T23N - R7W	COUNTY, ST: RIO ARRIBA, NM
ELEVATION: 6,964' GL; 6,978.5' KB	COMPLETION DATE: 8-19-90
PREPARED BY: BLAINE STRIBLING	DATE: 5-20-97

	DEPTH	OD	DRIFT	WT	GRADE	THREAD
SURF CASING:	0 - 323'	8-5/8"		24.0#	J-55	
PROD CASING:	0 - 5,704'	4-1/2"	3.875"	11.6#	J-55	8rd
PROD CASING:						
TUBING:	0 - 5,427'	2-3/8"	1.995"	4.7#	J-55	8rd
TUBING:						

8-5/8" csg set @ 323' w/250 sx Class 'B' + 2% CaCl + .25# sk celloseal

☒ CURRENT
☐ PROPOSED



Tubing assembly: mud jt, 6' perf sub, SN, and 2-3/8" tubing

Gallup (Mayre) perms: 5,436'-62' (40 holes)

TD @ 5,710'; PBD @ ~5,642'

130 joints 4-1/2" csg set at 5,704' w/ 650 sx 65/35 Poz, 12% gel, 6# gilsonite/sk +250 sx 50/50 (Circulated to surface)

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PROD CASING:					
TUBING: 0 - 5,427'	2-3/8"	1.995"	4.7#	J-55	8rd
TUBING:					

Ojo Alamo-
1,320'

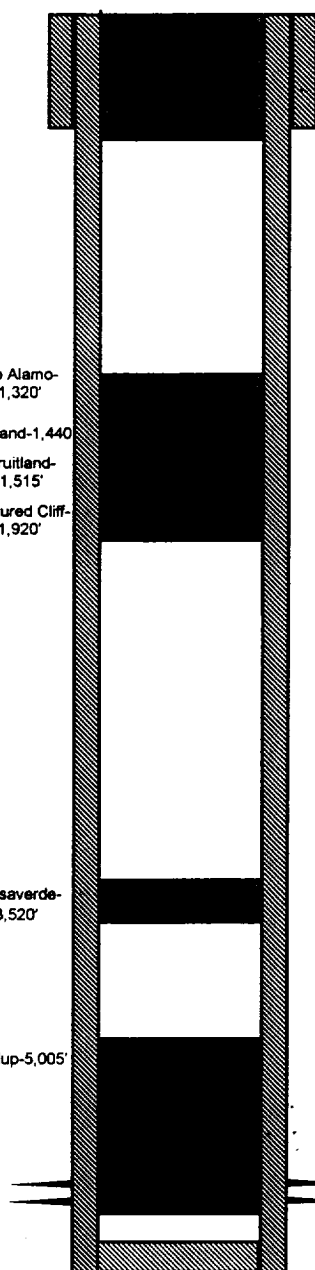
Kirtland-1,440'

Fruitland-
1,515'

Pictured Cliff-
1,920'

Mesaverde-
3,520'

Gallup-5,005'



8-5/8" csg set @323' w/ 250 sx Class B +2% cc + .25#/sk celloseal

Plug #4 - (0'-373') - 29 sx Class B cement

Plug #3 - (1,270'-1,970') - 53 sx Class B cement

☐ CURRENT

☒ PROPOSED

Plug #2 - (3,470'-3,570') - 12 sx Class B cement

Plug #1 - (4,955'-5,512') - 43 sx Class B cement

Gallup (Mayre) perms: 5,436'-62' (40 holes)

TD @ 5,710'; PBD @ ~5,642'

130 joints 4-1/2" csg set at 5,704' w/ 650 sx 65/35 Poz, 12% gel, 6# gilsonite/sk +250 sx 50/50 (Circulated to surface)