

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) 947-3130

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

1980' FSL, 660' FEL Sec. ^{I-}21~~1~~-T24N-R7W

5. Lease Designation and Serial No.

SF 078924

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Connie 21 #1

9. API Well No.

30-039-05385-00

10. Field and Pool, or Exploratory Area

Escrita (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

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

Signed Blaine Strong

Title Petroleum Engineer

Date 5/22/97

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title

Date JUN - 5 1997

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

NMOCD

RECEIVED
BLM
JUN 23 PM 3:06
OIL CON. DIV., NMA

Connie #21
211 -T 24N-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 rod assembly and 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 - 5,698'-5,268')**: RIH with open ended tubing to 5,698' or as deep as possible. Pump 30 bbls water and attempt to establish circulation. Mix 50 sx Class B cement and spot a balanced plug from 5,698'-5,268'. POH w/ tubing assembly and WOC.
- 6.) **Plug #2 (Mesaverde top - 3,715'-3,615')**: Perforate 4 squeeze holes at 3,715'. RIH w/ gauge ring on wireline and tag top of cement at 5,268'. POH w/ gauge ring. RIH w/ 4-1/2" cement retainer and set at 3,665'. Establish rate into squeeze holes. Mix and pump 48 sx Class B cement, squeeze 30 sx outside of casing from 3,715'-3,615' to cover Mesaverde top and leave 18 sx inside of casing. POH w/ tubing assembly.
- 6.) **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2,151'-1,410')**: Perforate 4 squeeze holes at 2,151'. RIH w/ gauge ring on wireline and tag top of cement at 3,615'. POH w/ gauge ring. RIH w/ 4-1/2" cement retainer and set at 1,780'. Establish rate into squeeze holes. Mix and pump 195 sx Class B cement, squeeze 109 sx outside of casing from 2,151'-1,410' to cover Pictured Cliff, Fruitland, Kirtland, and Ojo Alamo tops and leave 86 sx inside of casing. POH and LD tubing and setting tool.
- 7.) **Plug #4 (Surface)**: Perforate 2 squeeze holes at 373'. Establish circulation out of bradenhead valve. Mix approximately 105 sx Class B cement and pump down 5-1/2" casing. Circulate good cement out bradenhead valve. 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.

**Connie #21-1
21I - 24N - 7W
Rio Arriba Co., NM**

Well History

- 5-31-59** 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.
- 6-15-59** Drilled 7-7/8" hole to 5,734' TD. Ran ES and Micrologs from 5,734'. Ran 178 jts 5-1/2" csg (14#-J-55) prod csg and set at 5,732' KB. Pumped 100 sx 6% gel + 50 sx reg cement. Good returns throughout job.
- 6-17-59** Spotted 200 gals 7-1/2% NCA acid. Perf'd from 5,680-98' and 5,642-70' (4 JSPF- 184 holes).
- 6-18-59** Fraced down csg w/ 60,000 gals oil and 60,000# sd at 54.4 BPM and 2,900 psi. Dropped 140 ball sealers. Attempted to set RBP and was unsuccessful. Left RBP and setting tool in hole (not set properly). Could not retrieve fish. Knocked fish below 5,698'. Set another RBP at 5,569'. Perf'd from 5,516-48' and 5,456-74' (4 JSPF- 200 holes).
- 6-20-59** Fraced down csg w/ 36,628 gals oil and 33,000# 20/40 sd w/ 120 balls at 50.2 BPM and 2,900 psi. Flowed back well. Retrieved RBP at 5,569'. Left well making 121 BOPD on a 16/64" ck w/ 275 psi FCP. RIH w/ SN and 2-3/8" prod tbg. Set EOT at 5,665'.
- 7-4-59** First day of production making 353 BOPD.
- 5-24-61** RIH w/ rods and pumping assembly.
- 9-21-61** Rods parted 300' above pump. Replaced rod. Changed out pump.
- 5-13-63** Stripped out of hole w/ rod and tbg assemblies. Found mud jt full of frac sd up to the perf nipple. RIH w/ tbg and rod assemblies. Set EOT at 5,685' and SN at 5,654'.
- 8-13-63** Stripped out of hole w/ rod and tbg assemblies. Replaced 7 bad jts of tbg. WIH w/ same rod and tbg assemblies.
- 3-20-64** Fished parted rods. Acidized zones. RIH w/ same rod makeup.
- 5-9-64** Stripped out of hole w/ rod and tbg assemblies. Cleaned out hole w/ sand pump. WIH w/ same rod and tbg assemblies.
- 9-30-64** Found plunger stuck. Repaired pump.
- 12-30-64** Pumped hot oil down tbg. Warehoused rods. Converted well to plunger lift.
- 4-13-65** Left wireline in hole trying to retrieve piston. POH w/ tbg. Retrieved wireline. Re-ran same tbg makeup.
- 4-8-68** Piston wouldn't surface. Found paraffin block in tbg. RIH w/ mud jt, perf jt, 6 jts 2-3/8" tbg, SN, and remaining tbg.

Connie #21-1
Rio Arriba, New Mexico
Well History

- 2-10-84** Fished piston w/ wireline. Found btm piston valve and stem gone. Fished piston parts out of well. Replaced plunger. Left making 13 BOPD.
- 10-5-88** POH w/ tbg assmebly. WIH w/ mud jt, perf sub, new SN, 191 jts 2-3/8" tbg and set EOT at 5,685' and SN at 5,648'. Tagged bottom at 5,716'. RIH w/ pump and rod assembly.
- 4-15-89** Set pumping unit on location. Began pumping well.
- 4-17-89** Found parted on 87th rod. Found pump plugged. Replaced pump.
- 6-91** Well shut-in.

LOMAK PETROLEUM, INC.

WELLBORE SCHEMATIC

WELL NAME: CONNIE #21

FIELD: ESCRITO (GALLUP) GP

LOCATION: SEC 21I - T24N - R7W

COUNTY, ST: RIO ARRIBA, NM

ELEVATION: 6,847' GL; 6,860' KB

COMPLETION DATE: 6-20-59

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 - 5,734'	5-1/2"	4.887"	14#	J-55	8rd
PROD CASING:						
TUBING:	0 - 5,685'	2-3/8"	1.995"	4.7#	J-55	8rd
TUBING:						

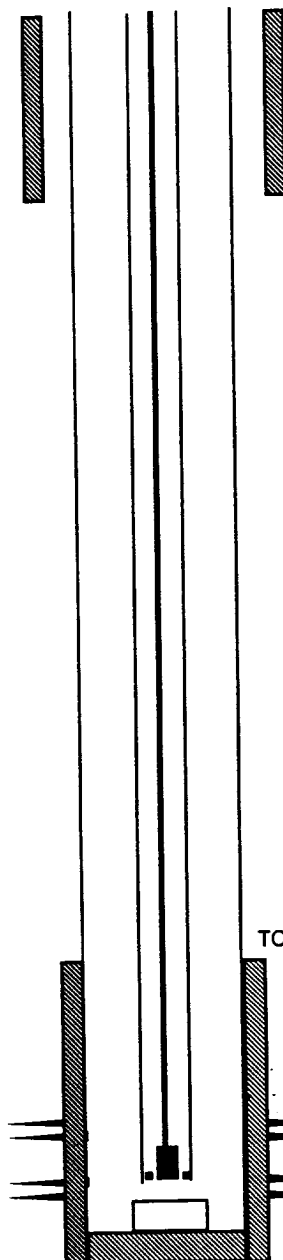
8-5/8" csg set @ 323' w/250 sx Class 'B' + 2% CaCl + .25# sk celloseal



CURRENT



PROPOSED



TOC @ 5,188' (Calculated with 60% excess)

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

Gallup perms: 5,456'-5,548' (200 holes)

Gallup perms: 5,642'-98' (184 holes)

Top of fish at 5,698' (Junk RBP and setting tool)

178 joints 5-1/2" csg set at 5,732' w/ 100 sx 6% gel +50 sx reg cmt

TD @ 5,734'; PBTD @ ~5,731'

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COUNTY, ST: RIO ARRIBA CO., NM

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COMPLETION DATE: 6-20-59

PREPARED BY: BLAINE STRIBLING

DATE: 5-22-97

