

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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 ☐

2. NAME OF OPERATOR
LOBO PRODUCTION

3. ADDRESS OF OPERATOR
P.O. Box 2364, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1825 FSL & 990 FNL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. DATE ISSUED
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 10-14-83 16. DATE T.D. REACHED 10-23-83 17. DATE COMPL. (Ready to prod.) 11-28-83 18. ELEVATIONS (OF, REB, RT, OR, ETC.)* 6405' KB 19. ELEV. CASINGHEAD 5301'

20. TOTAL DEPTH, MD & TVD 5700' KB 21. PLUG, BACK T.D., MD & TVD 5635' KB 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 5708'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Upper Gallup 4607'-4772"
Lower Gallup 4850'-5044'

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL, FDC, CBL, FR, CCL

CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	K55-24#	219' KB	12 1/4"	150 sks cls. B (177 cu.ft.)
5 1/2"	K55-10-17#	5689' KB	7 7/8"	400 sks cls. B (544 cu.ft.)
				200 sks cls. B (320 cu.ft.)
				50 sks cls. B Neat (59 cu.ft.)

LINER RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

31. PERFORATION RECORD (Interval, size and number)	
See Attachment	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
See Attachment				See Attachment			

33. PRODUCTION							
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
11-28-83				Pumping			Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-29-83	24	1/2	→	26.7	72.8	0	2727:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
35 PSI	100 Psi	→	26.7	72.8	0	39.1	

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

35. LIST OF ATTACHMENTS
Acid, Fracture

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

SIGNED R E Launberg TITLE Partner - Operator JAN 17 1984

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

FARMINGTON RESOURCE AREA

NMOCC

BY SMN

RECEIVED

JAN 12 1984

ON CON. DIV.

DIST. 3

RECEIVED

JAN 03 1984

5. LEASE DESIGNATION AND SERIAL NO.

NM-27024

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

8. LEASE OR LEASE NAME

Mesa Twin Mounds

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat Gallup

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

Sec. 30, T 30N, R 14W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mex.

19. ELEV. CASINGHEAD

5301'

23. INTERVALS DRILLED BY

5708'

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

TUBING RECORD		
SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/16"	4962.95' KB	Pengo Packer
		5100'

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Picture Cliff	825	1004	Sand - H2O				
Cliff House	1819	1862	Sand - H2O				
Point Lookout	3310	3614	Sand - H2O with trace of gas				
Mancos	3614	4605	Shale with sand stringers				
Gallup	4605	5140	Sand & Shale, Gas and Oil				
Green horn	5384	5450	Ls with sand stringers				
Graneros	5500	5532	Sand-Gas & Oil				
Dakota	5542	TD	Sand & Shale, Gas & Oil				
TD							

Mesa Twin Mounds -2

List of Attachments (Completion Report)

Perforations, Acid, Fracture (Lower Gallup)

63 bbls 2% KCL. 500 gla. 10% acetic acid w/2% KCL water.

Perforated as follows:

4850-1 shot, 4870-4886-9 shots, 4890, 4892, 4896, 4898-4 shots,
4906-4918-7shots, 4924, 4926, 4936, 4938, 4966-4971 6 shots,
4978, 5009, 5044 Total of 34 holes 3 1/8" cased hole guns 0.38".

Frac'd down casing with 120,000 # 10/20 sand in 70 Quality Foam:

PAD-20,000, 1/2#-20,000, 1#-20,000, 2#-30,000, 3#-20,000

RECEIVED
JAN 12 1984

Perforations, Acid, Fracture (Upper Gallup)

OIL CON. DIV.
DIST. 3

4607, 4614, 4620, 4628, 4630, 4632, 4634, 4636, 4638, 4649,
4651, 4653, 4661, 4663, 4672, 4674, 4676, 4678, 4681, 4683
4687, 4694, 4696, 4698, 4700, 4704, 4706, 4713, 4719, 4724,
4726, 4736, 4738, 4740, 4742, 4756, 4761, 4763, 4772 Total of
39 holes 0.38"

Acidized w/1000 gls 10% acetic acid.

Frac'd with 70 Quality Foam as Follows:

PAD-20,000 gls
1/2# per gal 10/20 sand-10,000 gal
1 # per gal.-20,000 gls
2# per gal. -40,000 gls.

PHONE 334-6191
P. O. BOX "B"



JERRY WAYNE SANDEL
PRESIDENT

AZTEC, NEW MEXICO 87401

HOLE DEVIATION AFFIDAVIT

OPERATOR: Lobo Production

WELL NAME: No. 2 Mesa Twin Mounds

DESCRIPTION OF LEASE: 1425' Fr. S In. and 990' Fr. W In.,
Section 30 - Township 30N - Range 14W,
San Juan County, New Mexico

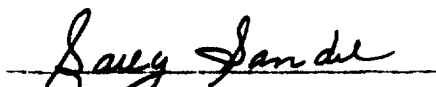
FROM	TO	DEVIATION
0'	223'	$\frac{1}{4}$ 0
223'	752'	$\frac{1}{2}$ 0
752'	1255'	$\frac{3}{4}$ 0
1255'	1983'	1 0
1983'	2520'	$1 \frac{1}{2}$ 0
2520'	3020'	$1 \frac{3}{4}$ 0
3020'	3534'	2 0
3534'	3689'	$1 \frac{1}{2}$ 0
3689'	4185'	$1 \frac{1}{4}$ 0
4185'	4707'	$1 \frac{3}{4}$ 0
4707'	5191'	1 0
5191'	5398'	$\frac{3}{4}$ 0
5398'	5700'	$\frac{3}{4}$ 0

I hereby swear or (affirm) that the statements made are a full and correct report.

AZTEC WELL SERVICEING CO.


Eugene Knowlton, Toolpusher

SWORN TO AND SUBSCRIBED BEFORE ME by Eugene Knowlton for AZTEC WELL SERVICEING CO., this 7th day of December 1983. To certify which witness my hand and seal of office.


Notary Public in and for
San Juan County
State of New Mexico

My commission expires January 3, 1987.