

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

RECEIVED

RECEIVED

RECEIVED

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 MAY 23 1984

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: 990' FNL & 940' FWL  
At top prod. interval reported below: same  
At total depth: same

5. FARM OR LEASE NAME: MESA TWIN MOUNDS -31

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: MESA TWIN MOUNDS -31

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: WC Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 31, T 30N, R 14W

12. COUNTY OR PARISH: San Juan

13. STATE: New Mex.

14. PERMIT NO. AND DATE ISSUED: FARMINGTON RESOURCE AREA

15. DATE SPUDDED: 4-13-84

16. DATE T.D. REACHED: 4-22-84

17. DATE COMPL. (Ready to prod.): 5-10-84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 5344' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 5618'

21. PLUG, BACK T.D., MD & TVD: 5536' KB

22. IF MULTIPLE COMPL., HOW MANY\*: 2

23. INTERVALS DRILLED BY: →

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Gallup Upper: 4508-4660  
Gallup Lower: 4698-4949

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, CNL, FDC.

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24# K55	214'	12 1/2"	140 sks. Cls B (165.2 cu. ft.)	
5 1/2"	15.5# J55	<del>5621'</del> 5618	7 7/8"	400 sks. Cls B (544.0 cu. ft.)	
				200 sks Cls B (320.0 cu. ft.)	848 ft <sup>3</sup> C13'

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<del>2 7/8"</del> 2 1/2"	4620'	

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
4698-4949	See Attachment
4508-4660	See Attachment

33.\* PRODUCTION

DATE FIRST PRODUCTION: 5-10-84

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing

WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-13-84	12	1/4	→	12.5	50	0	4000:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
100 psi	650	→	25	100	0	41

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

TEST WITNESSED BY: Gary Roberts

35. LIST OF ATTACHMENTS: Gallup perforations and Fracture

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

SIGNED: [Signature] TITLE: Operator DATE: 5-14-84

ACCEPTED FOR RECORD  
MAY 21 1984

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

NMOCC

FARMINGTON RESOURCE AREA  
RV [Signature]

# 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.

**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		28. GEOLOGIC MARKERS	
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME
			TOP MEAS. DEPTH TRUE VERT. DEPTH
Picture Cliff	720	Gas & Water	
Chacra	1434	Water	
Cliff House	1710	Water	
Point Lookout	3202	Gas & Water	
Mancos	3509	Shale	
Gallup	4500	Gas & Oil	
Green horn	5282	Limestone and Sd.	
Graneros DAKOTA	5393	Gas & Water	

Lower Gallup Perforations and Fracture:

4698, 4702, 4722, 4724, 4736, 4738, 4750, 4764, 4766, 4768, 4774, 4786, 4796, 4798,  
4800, 4803, 4806, 4808, 4810, 4832, 4847, 4870, 4872, 4874, 4949.  
Total of 25 holes.

Acidized Lower Gallup 500 gals. 10% acetic acid. Fraced with 70 Q foam, 30,000 gallons PAD,  
1/2# p/gallon sand. 25#/1000 gal. Fluid loss additive, 30,000 gal. PAD, 20,000 gal  
w 1/2# 10/20 sand, 20,000 gal. w /1# 10/20 sand, 15,000 gal w/2# 10/20 sand, flushed  
with KCL.

Upper Gallup Perforations and Fracture:

4508, 4532, 4534, 4540, 4548, 4564, 4574, 4580, 4588, 4594, 4596, 4600, 4612, 4622,  
4636, 4646, 4658, 4660.  
Total of 18 holes.

Acidized Upper Gallup 500 gals. 10% acetic acid. Fraced w 70 Q foam and 20/40 sand as  
follows:  
20,000 Gallons PAD, 20,000 gallons w/ 1/2# 20/40, 20,000 gallons w/ 1# 20/40 sand  
20,000 gallons w/ 2# 20/40, 20,000 gallons w/ 3# 20/40 and 1/20 tail on last 10,000#  
4,800 gallons Flush.