

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 23050

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Blanco 6

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup Ext.

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

Sec. 6-T23N-R7W

12. COUNTY OR PARISH

Rio Arriba

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 _____

2. NAME OF OPERATOR

Mesa Petroleum Co.

3. ADDRESS OF OPERATOR

1660 Lincoln Street, Suite 2800, Denver, CO 80264

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

At surface 1740' FNL & 330' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1/27/81

16. DATE T.D. REACHED

2/6/81

17. DATE COMPL. (Ready to prod.)

3/16/81

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

7008' GR ungraded

19. ELEV. CASINGHEAD

7008' GR

20. TOTAL DEPTH, MD & TVD

5740'

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

5688'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0'-5740'

-0-

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

Upper & Lower Gallup 5398'-5669'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CBL, EIS, CNL-SDC

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
8 5/8"	24#	267'	12-1/4"	200 sxs Class "B" Cmt	-0-
4 1/2"	10.5#	5735'	7 7/8"	750 sxs 65/350 poz, 300 sxs 50/50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5646'	-0-

31. PERFORATION RECORD (Interval, size and number)

5647', 34', 31', 28', 21', 15', 02', 5598', 92', 59', 36', 21', 18', 16' w/1 hole/interval (14 holes), .40" dia., 5633', 69', 26'-34', 20'-22', 14'-16', 5602'-5592', 57', 61', 32'-38', 13'-23', 5420'-24', 5398'-5404' w/2 holes/interval, .40" dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5513'-5669', 85,000 gals gel H ₂ O, 102,000# 20/40 sd, 34,000# 10/20 sd & 600 ft ³ N ₂ /bbl	
5398'-5424', 1000 gals 7 1/2% HCL, 16,000 gals x-lin gel, 19,200# 20/40 sd & 6400# 10/20 sd	

33.*

PRODUCTION

DATE FIRST PRODUCTION

3/25/81

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

Pumping

WELL STATUS (Producing or shut-in)

pumping

DATE OF TEST

3/25/81

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

80

GAS—MCF.

150

WATER—BBL.

trace

GAS-OIL RATIO

1875:1

FLOW. TUBING PRESS.

25 psi

CASING PRESSURE

25 psi

CALCULATED 24-HOUR RATE

→

OIL—BBL.

80

GAS—MCF.

150

WATER—BBL.

trace

OIL GRAVITY-API (CORR.)

46⁰

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

Vented for test purposes only

TEST WITNESSED BY

J. Archer

35. LIST OF ATTACHMENTS

C-104 w/Deviation Record

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

SIGNED

TITLE Division Production Supervisor

DATE 3/27/81

FARMINGTON DISTRICT

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

BY

RB

NM000

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	TRUE VERT. DEPTH
Ojo Alamo	1304'					
Kirtland	1443'					
Fruitland	1850'					
Pictured Cliffs	1999'					
Lewis	2095'					
Cliff House	3503'					
Menefee	3538'					
Pt. Lookout	4316'					
Mancos	4504'					
Gallup	4531'					
Mayre Sd	5510'					