

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.

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

P.O. Box 2009, Amarillo, TX 79189

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

At surface 1190 FSL 990 FWL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

6/25/75

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

5/14/78

5/23/78

6/20/78

6051' GR

6052

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

5400

5343

0-TD

Pt. Lookout 5126-5328' Mesaverde sub-sections
Cliffhouse 4408-4791'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Ind No

1st Run 3120-1000 IES, GR-Cal-FDC (2nd Run 5400-3120 GR-Cal-FDC) No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75	250	13 3/4	150 sxs "B"	
7"	20	3112	9 7/8	90 sxs 65/35 Poz 100 sxs B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	2896	5397	350	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	5209	None

31. PERFORATION RECORD (Interval, size and number)

4408-4971' gross 76 holes .38" Dia
5126-5328' gross 76 holes .38" Dia

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5126-5328	1000 gal acid, 80000 gal, 80000# sand
4408-4791	1000 gal acid, 80000 gal, 80000# sand

33.*

PRODUCTION

33.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6/21/78		Flowing					W O Pipeline	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/3/78	4	3/4	→	0	472	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
227	567	→	0	2832	0			
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY		

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

Vented

TEST WITNESSED BY

C.R. Wagner - EPNG

35. LIST OF ATTACHMENTS

Open Flow Tests

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

SIGNED

TITLE

Staff Engineer

DATE

8/4/78

USGS (4) Farming* (See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC (2), Dvr. Office, J. Archer, W.I. Owners, SUG, D&M, M&M, NM Resources Brd.,
Les Carnes

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:				38. GEOLOGIC MARKERS	
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					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
				TRUE VERT. DEPTH	
				Ojo Alamo	1700'
				Kirtland	1858'
				Fruitland	2432'
				Pictured Cliffs	2834'
				Lewis	3072'
				Cliffhouse	4713'
				Menefee	4792'
				Point Lookout	5122'
				Mancos	5290'