

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Sharon - 1, USGS - 5
Randy - 1, State - 1

Form approved. RWK - 1
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT

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 80264-2899

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

At surface 1800' FSL & 850' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

10-30-82

5. LEASE DESIGNATION AND SERIAL NO.

NM-03553

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

13E

10. FIELD AND POOL, OR WILDCAT

Mesaverde

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

Sec. 21-T26N-R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

12-26-81

16. DATE T.D. REACHED

1-09-82

17. DATE COMPL. (Ready to prod.)

4-08-82

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

6723' KB

19. ELEV. CASINGHEAD

6710' GL

20. TOTAL DEPTH, MD & TVD

7615'

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

7516'
7615.58' KB

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

10-7615'

CABLE TOOLS

N/A

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

Mesaverde 5203-5353'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CBL-VDL; ISFL, CNFD

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#/ft.	456' KB	12-1/4"	325 sxs Class "B"	None
5-1/2"	15.50#/ft.	6553.79' KB	7-7/8"	See Attachment	None
	& 17#/ft.	7557.58			None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					1-1/4"	5174'	

31. PERFORATION RECORD (Interval, size and number)

5203-09', 5242-46', 5304-06', 5343-53'
1 JSP2F - .32" dia.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5203-5353'	73,550 gals slick water w/ 60,000# 20-40 & 110,300 gals slick water w/92, 500# 20-40 & 15,000# 20-10 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-27-82		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-27-82	3	.750"	→	trace	1326	trace	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
185	695	→	trace	10,599	trace	41 ⁰	

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

To be sold

TEST WITNESSED BY

C. James

35. LIST OF ATTACHMENTS

C-104, Deviation Record, C-107

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

SIGNED

TITLE Division Production Supervisor

DATE May 26, 1982

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

NMOCC

FARMINGTON DISTRICT

JUN 01 1982

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 35, 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.

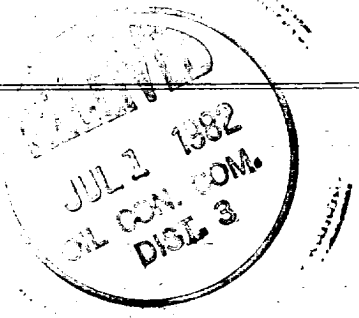
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Toa	2298(+4425)							
Kk	2515(+4208)							
Kf	2850(+5973)							
Kpc	3026(+3697)							
K1	3063(+3660)							
Kc	3880(+2843)							
Kch	4665(+2058)							
Kmf	4720(+2003)							
Kp1	5192(+1531)							
Km	5410(+1313)							
Kgh	7169(-446)							
Kg	7223(-500)							
Kd	7374(-651)							



Mesa Petroleum Co.

Federal 13E
Sec. 21-T26N-R6W
Rio Arriba County, NM

28. Cementing Record

Cemented first stage with 250 sxs "self stress". Cemented second stage with 250 sxs 65/35 poz mix, tailed with 150 sxs "self-stress." Cemented third stage with 400 sxs 65/35 poz mix, tailed in with 50 sxs neat. Circulated third stage to surface. Top of first stage cement estimated at 5,904', top of second stage cement at 3,280'. Top of third stage cement at surface.

