Form 9-330
(Rev. 5-63)

N.M.O.C.D. COPY

C-55

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*

RECEIVED
JUN 26 1980
O. C. D.
ARTESIA, OFFICE

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: 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 2160' FNL & 1980' FWL Lot 11
At top prod. interval reported below:
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: NM-18831
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: DEPCO FEDERAL
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: DIAMOND MOUND MORROW
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 4, T16S, R28E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	3-18-80	EDDY	NEW MEXICO

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-16-80	5-8-80	5-25-80	3622' GR	3622'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
9365'	9249' WL		→	ALL	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 9100'-9197'

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL-CCL-GR

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
13-3/8"	48#	350'	17-1/2"	400 "C" + 2% CaCl	-
8-5/8"	24#	1899'	11"	825 65/35 Poz/200 "C"	-
4-1/2"	10.5/11.6	9365'	7-7/8"	1252 "H" + 5/10% CF-2	-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	9041'	9041'

31. PERFORATION RECORD (*Interval, size and number*): 9100'-9104', 9190'-97', .33 entry, 13 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9100'--9197'	Spot A/70 gals 10% Acetic

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
SI	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-10-80	4	8/64"	→	3	191	-	63,611

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2690	Pkr	→	9	1146	-	48

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

TEST WITNESSED BY: R. Pagan

Postponed ID-2 3000 SI

35. LIST OF ATTACHMENTS: C-122, Record of Inclination

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

SIGNED R P Mathe TITLE Regulatory Coordinator DATE 6-20-80

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

VC. USGS (6) TLS JWH MEC JRH CEN RCDS. ACCTG. PARTNERS. FILE

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lime/Shale	7320	7370	
Lime/Shale	7410	7695	
Shale/Lime	7865	7970	
Lime/Shale	8690	8830	
Lime/Shale/Chert	8910	8980	Fair porosity
Lime/Shale/Sand	9100	9197	Good porosity

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	1051	
Grayburg	1436	
Glorieta	3163	
Tubb	4517	
ABO	5307	
Wolfcamp	6542	
Bursum	7385	
Cisco/Canyon	7575	
Strawn	8368	
Atoka	8839	
Morrow	9048	
Miss CH SH	9197	
Miss CH LM	9293	

*GPO 782-929