

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Artesia, NM 88210
Form 9-730
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

C/SF

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 79701-4493

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 1880' FEL NW/NE 4
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. DATE ISSUED
6-22-81

5. LEASE DESIGNATION AND SERIAL NO.
NM 19825

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
RECEIVED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
DORIS FEDERAL

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED AEO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 14, T5S, R24E

12. COUNTY OR PARISH
CHAVES

13. STATE
NEW MEXICO

15. DATE SPUDDED 8-6-81

16. DATE T.D. REACHED 8-15-81

17. DATE COMPL. (Ready to prod.) 9-26-81

18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3927.4' GR

19. ELEV. CASINGHEAD 3927'

20. TOTAL DEPTH, MD & TVD 4350'

21. PLUG, BACK T.D., MD & TVD 4009'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY ALL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3614'---3909', ABO

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CLL/GR-CNL-FDC

27. WAS WELL CORED
NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	801'	17 1/2"	750HLW/300Thixset/200"C"/935Thixset	
8 5/8"	24#	1818'	11"	750HLW/300Thixset/200"C"	
4 1/2"	10.5#	4033'	7 7/8"	650HLW/450Pozmix	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACER SET (MD)
2 3/8"	3493'	

31. PERFORATION RECORD (Interval, size and number)
3614', 16', 18', 20', 3710', 12', 14', 16', 18', 3750', 3771', 3786', 88', 3862', 64', 66', 68', 70', 72', 74', 76', 78', 3880', 3899', 3907'-9'; total of 27 holes
3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3614'-3909'	A/4000Gal 7 1/2"HCL+55BS
3614'-3909'	F/63000Gal 2%GelledKCL&CO2+24000#100Mesh+144,200#20/40MeshSd+14BS

33.* PRODUCTION

DATE FIRST PRODUCTION -

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

WELL STATUS (Producing or shut-in)
SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-LIL RATIO
9-26-81	4	19/64		-	248	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
775	760		-	1485	2500	-

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

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. Nabb TITLE REGULATORY COORDINATOR DATE OCTOBER 2, 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, LAND, D&M, LMC, CTY, ROSWELL, EEB, PARTNERS, REM, MTS (3), TW, K, 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:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				GLORIETA	1447'	
				YESO	1721'	
				TUBB	2924'	
				ABO	3563'	

MESA PETROLEUM CO.
DORIS FEDERAL #3
1980' FNL & 1880' FEL, SEC 14, T5S, R24E
CHAVES COUNTY, NEW MEXICO

RECEIVED

OCT 13 1981

O. C. B.
ARTESIA, OFFICE

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
350'	1/2°
685'	1/2°
1820'	1°
2321'	3/4°
2830'	1°
3322'	1°
3819'	1°
4350'	1°

R. E. Mathis

BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 2nd day of October, 1981.

Dot Moore

Notary Public in and for Midland County,
Texas.

Commission Expires: 6-26-85