

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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
1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL & 1980' FEL SW/SE 4
At top prod. interval reported below SAME
At total depth SAME

5. FARM OR LEASE NAME
JESS FEDERAL

6. IF INDIAN, ALABAMA TRIBE NAME
Artesia, NM 88210

7. UNIT AGREEMENT
Artesia, NM 88210

8. FIELD AND POOL, OR WILDCAT
UNDESIGNATED ABO

9. WELL NO.
2.

10. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 6, T6S, R25E

11. COUNTY OR PARISH
CHAVES

12. STATE
NEW MEXICO

13. DATE SPUDDED
6-16-81

14. DATE T.D. REACHED
7-10-81

15. DATE COMPL. (Ready to prod.)
9-29-81

16. ELEVATIONS (DF, REB, RT, GR, ETC.)*
4120.1' GR

17. ELEV. CASINGHEAD
4120'

18. TOTAL DEPTH, MD & TVD
4200'

19. PLUG, BACK T.D., MD & TVD
4072'

20. IF MULTIPLE COMPL., HOW MANY*
1

21. INTERVALS DRILLED BY
ALL

22. ROTARY TOOLS
ALL

23. CABLE TOOLS
-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3876'---3971', ABO

25. WAS DIRECTIONAL SURVEY MADE
NO

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

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#	1540'	12 1/4"	600HLW/250Thixset/300"C"/	525Thixset
4 1/2"	10.5#	4169'	7 7/8"	600HLW/450Pozmix	

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"	3782'	-

31. PERFORATION RECORD (Interval, size and number)
3876', 78', 80', 82', 84', 86', 88', 90', 92', 94', 96', 3898', 3900', 3951', 53', 55', 57', 59', 61', 63', 65', 67', 3969', 3971; total of 24 holes
3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3876'---3971'	A/3000Gal 1 1/2% HCL+48BS
3876'---3971'	F/30000Gal Gelled 2% KCL+15000Gal
	CO2+7500#100Mesh+82500#20/40 MeshSd

33.* PRODUCTION

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

34. DATE OF TEST
9-29-81

35. HOURS TESTED
4

36. CHOKER SIZE
-

37. PROD'N. FOR TEST PERIOD
-

38. OIL—BBL.
-

39. GAS—MCF.
104

40. WATER—BBL.
-

41. GAS-OIL RATIO
-

42. FLOW. TUBING PRESS.
670

43. CASING PRESSURE
680

44. CALCULATED 24-HOUR RATE
622

45. OIL—BBL.
-

46. GAS—MCF.
622

47. WATER—BBL.
-

48. OIL GRAVITY-API (CORR.)
-

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

50. ACCEPTED FOR RECORD
ROGER A. CHAPMAN

51. TEST WITNESSED BY
E. L. BUTTROSS, JR.

52. LIST OF ATTACHMENTS
C-122, RECORD OF INCLINATION

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

SIGNED R. P. Math

TITLE REGULATORY COORDINATOR

DATE OCTOBER 2, 1981

LOCATION 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:

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	TRUE VERT. DEPTH
NOT LOGGED				GLORIETA	1476'	
				TUBB	3034'	
				ABO	3656'	

MESA PETROLEUM CO.
JESS FEDERAL #2
660' FSL & 1980' FEL, SEC 6, T6S, R25E
CHAVES COUNTY, NEW MEXICO

RECEIVED

OCT 13 1981

RECORD OF INCLINATION

O. C. D.
ARTESIA, OFFICE

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
362'	1°
630'	1 1/4°
1003'	1 1/2°
1437'	3/4°
2003'	3/4°
2544'	1/2°
3053'	1°
3394'	3/4°
4200'	3/4°

R. E. Mathis

BY: R. E. MATHIS, REGULATORY COORDINATOR

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

[Signature]

Notary Public in and for Midland County,
Texas.

Commission Expires: JUNE 26, 1985.

