

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY N.M.O.C.D. COPY

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. ☐

SEP 17 1981

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' FSL & 1650' FEL

At top prod. interval reported below

At total depth SAME

14. PERMIT NO.

DATE ISSUED

5-19-81

15. DATE SPUDDED

7-14-81

16. DATE T.D. REACHED

7-13-81

17. DATE COMPL. (Ready to prod.)

9-4-81

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

3985.5' GR

19. ELEV. CASINGHEAD

3985'

20. TOTAL DEPTH, MD & TVD

3350'

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

3251'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERESTED PARTIES
DRILLING TOOLS

ALL

CABLE TOOLS

-

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

2703'---3223'

ABO

SEP 22 1981

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL/GR-CNL-FDC

O. C. D.

ARTESIA, OFFICE

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#	1596'	12 1/4"	750LT/300Thixset/300 "C"	-
4 1/2"	10.5#	3316'	7 7/8"	600LT/300 Pozmix	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2600'	-

31. PERFORATION RECORD (Interval, size and number)

2703', 15', 20', 29', 31', 54', 63', 78',
82', 2809', 3037', 51', 61', 73', 78',
3130', 66', 3223' (18 holes) 3 1/8" csg
gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2703'-3223'	A/3000 Gal 7 1/2 HCL
2703'-3223'	F/33000Gal2%KCL&CO ₂ +10,000#100 MeshSD+56,000#20/40Sd

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	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-4-81	1	-	→	-	12	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE)		
340	350	→	-	CAOF = 360	-	-		

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

VENTED

TEST WITNESSED BY

E. L. BUTTROSS, JR.

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

Michael P. Shuster

TITLE

OPERATING MANAGER

DATE

9-14-81

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, LAND, FEB, TW, R, DEN, LMC, CTY, MTS (3), PARTNERS, ROSWELL, FILE

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.), formations, 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: "Sack3 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.)

38. GEOLOGIC MARKERS					
			MEAS. DEPTH	TOP	TRUE VERT. DEPTH
		NAME			
		ABO	2640'		

MESA PETROLEUM CO.
BARN FEDERAL #4
1980' FSL & 1650' FEL, SEC 13, T8S, R22E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATION)</u>
250'	1°
500'	3/4°
1000'	1°
1500'	3/4°
2000'	1 1/4°
2500'	1 1/4°
3000'	1 1/4°
3350'	1 1/4°

Michael P. Houston
BY: MICHAEL P. HOUSTON, OPERATIONS MANAGER

Subscribed and sworn to before me this 14th of September, 1981.

Pat Moore
Notary Public in and for Midland County, Texas.

Commission Expires: 6-26-85