

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N.M.O.C.D. COPY
(See instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

File

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other SEP 18 1980

2. NAME OF OPERATOR

MESA PETROLEUM CO

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701

O. C. D.
ARTESIA, OFFICE

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

At surface 1980' FNL & 660' FEL SEP 12 1980

At top prod. interval reported below

Same U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

At total depth Same

14. PERMIT NO.

DATE ISSUED

4-16-80

15. DATE SPUDDED

4-27-80

16. DATE T.D. REACHED

5-14-80

17. DATE COMPL. (Ready to prod.)

8-13-80

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

3776.4' GR

19. ELEV. CASINGHEAD

3777'

20. TOTAL DEPTH, MD & TVD

5102'

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

4292'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

ALL

CABLE TOOLS

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

3600' - 3954', ABO

25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CBL-CCL

DLL-SFML

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
13 3/8"	48#	314'	17 1/2"	320 sx "C"+2% CaCl	-
8 5/8"	24#	1450'	12 1/4"	150 Thix-Set/560HWC0/200"C"	-
4 1/2"	10.5#	4373'	7 7/8"	1100 sx 50-50 Poz	-

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"	3821'	-

31. PERFORATION RECORD (Interval, size and number)

3916'--32', 3934'---54', .33 entry, 38 holes
3600'--22', 3640'--3656', .33 entry, 40 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3916'--54'	A/4000gals 71/2% MSR-123
3916'--54'	F/40,000FOAM + 40,000# 20-40 sd
3600'--56'	A/4000 gals 71/2% MSR-123
3600'--56'	F/40,000gals Foam + 40,000# 20-40 s

33.*

PRODUCTION

DATE FIRST PRODUCTION

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

FLOWING

WELL STATUS (Producing or shut-in)
SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-28-80	4	18/24	→	-	292	-	DRY
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
935	964	→	-	1750	-	-	

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

VENTED

ACCEPTED FOR RECORD

R. Pagan

TEST WITNESSED BY

R. PAGAN

35. LIST OF ATTACHMENTS

C-122, Record of Inclination

SEP 15 1980

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

SIGNED

R. P. Pagan

TITLE

U.S. GEOLOGICAL SURVEY
Regulatory Coordinator
ROSWELL, NEW MEXICO

DATE September 10, 1980

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

XC: USGS (6), TLS, JWH, CENT RCDS, ACCTG, MEC, JBH, PARTNERS, FILE, BRR 9-10-80

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
SHALE/SS/ANHYDRITE	3598	3656	FAIR TO GOOD POROSITY	SAN ANDRES	464	
SHALE/SS/LS/ANH	3916	3954	GOOD POROSITY	GLORIETA	1350	
				TUBB	2890	
				ABO	3553	
				HUECO	4254	
				PENN	4676	
				BASEMENT	5074	

FIELD _____ COUNTY Chaves OCC NUMBER _____
OPERATOR Mesa Petroleum Co. ADDRESS 1000 Vaughn Building, Midland, TX
LEASE NAME & WELL NUMBER _____ Savage Federal #1 79701
SURVEY 1980' FNL & 660' FEL of Sec. 4, T-7-S, R-25-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
610	3/4
966	1 3/4
1276	1
1898	3/4
2393	1
2917	1 1/4
3411	1 1/4
3904	1/4
4397	1/2
4946	1
5102	1

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

22nd day of May, 1980.

[Signature]
Margaret B. Anderson

Notary Public in and for Midland
County, Texas.