

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE *

(See instructions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM - 14993

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SAVAGE FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

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

SEC 4, T7S, R25E

12. COUNTY OR
PARISH

CHAVES

13. STATE

NEW MEXICO

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 ☐ JAN 02 1981

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 1980' FNL & 1980' FWL

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

7-28-80

15. DATE SPUDDED

10-9-80

16. DATE T.D. REACHED

10-29-80

17. DATE COMPL. (Ready to prod.)

12-9-80

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

3823.9' GR

19. ELEV. CASINGHEAD

3836'

20. TOTAL DEPTH, MD & TVD

4345'

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

4247'

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

ROTARY TOOLS

ABLE TOOLS

ALL

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

3628'-3805', ABO

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL, CNL/FDC, DLL

27. WAS WELL CORED

NO

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

CASING SIZE	WEIGHT, LBS./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	PERCENT PULLED
13 3/8"	48#	866'	17 1/2"	200 Thix/600 Lt/200 "C"	-
8 5/8"	24#	1739'	11"	100 Thix/200 "C"	-
4 1/2"	10.5#	4345'	7 7/8"	970 Lt/300 "C" 50-50 Poz	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3733'	-

31. PERFORATION RECORD (Interval, size and number)

3746'---51', 55'---57', 77'---85', 3797'---
3805', .25 entry, 27 holes
3628'---36', 51'---57', 3700'-02', .25
entry, 19 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3746'---3805'	A/5000 gals 7-1/2 HCL+1000SCF N ₂
3746'---3805'	F/50,000gal Foam+50,000#20-40 Sd
3628'---3702'	A/3500 gal 7-1/2HCL+1000SCF N ₂
3628'---3702'	F/30,000 gal foam+30,000#20-40 Sd

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	
12-9-80	3 1/4	20/64	→	-	310	-	DRY	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
685	700	→	-	1240	-	-		

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

VENTED

TEST WITNESSED BY

E. L. BUTTROSS

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. E. Northing

TITLE

REGULATORY COORDINATOR

DATE

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, HOBBS OFFICE, PARTNERS, MEC, MAH, D&M, KAS, 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				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
LIME	3628'	3812'	POSSIBLE HYDROCARBONS	SAN ANDRES GLORIETA TUBB ABO HUECO	550' 1364' 2912' 3570' 4258'

MESA PETROLEUM CO.

SAVAGE FEDERAL #2
NW/4 SECTION 4, T7S, R25E
LEA CO., NEW MEXICO

ACCEPTED FOR RECORD

DEC 30 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

RECORD OF INCLINATION

DEPTH
(FEET)

DEVIATION FROM VERTICLE
(DEGREES)

185'	1/2°
470'	3/4°
685'	1 °
964'	1 °
1350'	1 °
1730'	1 1/2°
2050'	1 °
2402'	1 °
2833'	1/2°
3088'	3/4°
3362'	1 1/2°
3635'	1/2°
4188'	1/2°
4345'	3/4°



R. E. MATHIS
REGULATORY COORDINATOR

Subscribed and sworn to before me this _____ day of December, 1980.

CINDY LEE SHEPPARD, Notary Public in and
for Midland County, Texas.

Commission Expires: _____