

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
NM OIL CONS. COMMISSION
Artesia, NM 89510Form 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, TX 79701-4493

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

At surface 660' FSL & 1980' FEL NE 1/4 SE 1/4

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

12-22-81

15. DATE SPUDDED

1-28-82

16. DATE T.D. REACHED

2-7-82

17. DATE COMPL. (Ready to prod.)

3-31-82

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

3762' GR

20. TOTAL DEPTH, MD & TVD

4301'

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

4210'

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

ALL

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-EDC

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#	857'	17 1/2"	700HLW/300Thixset/300"C	1000Thixset
8 5/8"	24#	1817'	12 1/4"	700HLW/300Thixset/300"C	
4 1/2"	10.5#	4281'	7 7/8"	500 "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3655'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3672', 71', 73', 79', 89', 90', 91',
3877', 79', 3923', 27', 4101', 4', 8';
total of 28 holes - 3 1/8" csg
2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3877'---3927'	A/1300Gal 7 1/2% Hcl+20BS
3962'---3791'	A/2250Gal 7 1/2% Hcl+35BS
4101'---4108'	A/1000Gal 7 1/2% Hcl+15BS
3762'---4108'	F/71000CaIX-LinkCaIKe1&Co2+

33.* PRODUCTION

DATE FIRST PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	SHUT-IN
3-31-82	1		FLOWING				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	API (CORR.)	
195	273			CAOF-630			

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

VENTED

35. LIST OF ATTACHMENTS

C-102, RECORD OF INCLINATION

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

SIGNED

R. P. Mook

TITLE

REGULATORY COORDINATOR

DATE 2 3 7 82

XC: MMS (2), TLS, (See Instructions and Spaces for Additional Data on Reverse Side), CEN, RCDs, ACCTG, MEC, MAH, D&M, MTS (3), LMC, CTY, ROSWELL, EEB, REM, K, TW, FILE, (PARTNERS)

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 83, 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. 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.
DRILLER'S DEPTH NOT LOGGED			

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
SAN ANDRES	670'		
GLORIETA	1608'		
TUBB	3066'		
ABO	3714'		

MESA PETROLEUM CO.
ALKALI FEDERAL #8
660' FSL & 1980' FEL, SEC 15, T7S, R25E
CHAVES COUNTY, NEW MEXICO

RECEIVED

MAY - 5 1982

O. C. D.
ARTESIA, OFFICE

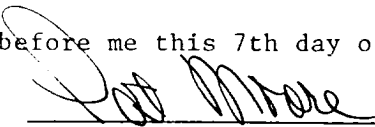
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
510'	3/4°
905'	1°
1298'	1/2°
1562'	1°
1818'	1°
2339'	1/2°
3056'	1/2°
3334'	1/2°
3990'	1/4°
4300'	1/4°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 7th day of April, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985