

UN' ED STATES NM OIL CONS. COMM. ON
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY Artesia, NM 88210

Form approved.
Budget Bureau No. 42-R355.5.

c/SF

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 FEB 25 1982

2. NAME OF OPERATOR

MESA PETROLEUM CO.

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4495

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

At surface 2280' FNL & 1680' FEL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

12-4-81

5. LEASE DESIGNATION AND SERIAL NO.

NM-40029

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALKALI FEDERAL

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

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

SEC 22, T5S, R25E

12. COUNTY OR PARISH
CHAVES

13. STATE

NEW MEXICO

15. DATE SPUDDED

12-18-81

16. DATE T.D. REACHED

12-27-81

17. DATE COMPL. (Ready to prod.)

2-11-82

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

3696' GR

19. ELEV. CASINGHEAD

3696'

20. TOTAL DEPTH, MD & TVD

4200'

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

4130'

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

3741' --- 4054', ABO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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#	895'	17 1/2"	700 HLW/300 THIXSET/300 "C"	1800 THIXSET
8 5/8"	24#	1809'	12 1/4"	700 HLW/300 THIXSET/300 "C"	
4 1/2"	10.5#	4165'	7 7/8"	500 "C"	

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"	3654'	-

31. PERFORATION RECORD (Interval, size and number)

3741', 50', 3835', 4049', 50', 51', 52', 53', 54'; total of 18 holes 3 1/8" casing gun 2 JSPF @ 180° Phase

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3741' --- 4054'	A/3000 GAL 7 1/2% HCL + 40 BS
3741' --- 4054'	F/49,800 GAL GEL YF4 & CO2 +
	122,700# 20/40 SD + 46,200#
	10/20 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
2-11-82	1	-	→	-	6	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
85	247	→	-	CAOF = 160	-	-	-

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

VENTED

35. LIST OF ATTACHMENTS

C122, 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. P. [Signature]

TITLE

REGULATORY COORDINATOR

DATE 2-17-82

U.S. GEOLOGICAL SURVEY

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

XC: MMS (6), TLS, CEN RCDS, ACCTG, ROSWELL, LAMB, MOON, CTRY, EEB, REM, K, TW, PARTNERS, FILE

Pasted ID-2
& Comp. Book
SI
3-5-82

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				SAN ANDRES	604'	
				GLORIETA	1563'	
				TUBB	3022'	
				ABO	3676'	

MESA PETROLEUM CO.
ALKALI FEDERAL #7
2280' FNL & 1680' FEL, SEC 22, T5S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

(DEPTH)

553'
900'
1021'
1809'
1520'
2313'
2813'
2938'
3451'
4200'

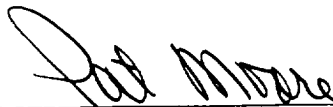
(DEVIATIONS)

3/4°
1°
3/4°
3/4°
3/4°
1°
1°
1°
1°
1°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 17 th day of FEBRUARY, 1982.



Notary Public in and for Midland County, Texas.

Commission Expires: 6-26-85