

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM SUBMIT INSPUR
Drawing 00
Artesia, NM 88210
FAC
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-B355.5.

RECEIVED

C/5F

NM-28304

APR 2 1982

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, TEXAS 79701-4493

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

At surface 990' FNL & 330' FWL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12-7-81

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR INDIAN NAME

7. UNIT AGREEMENT NAME

O. C. D.

ARTESIA, OFFICE

8. FARM OR LEASE NAME

Helen Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pecos Slope ABO

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

Sec 1, T7S, R25E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DATE SPUDDED 1-29-82 16. DATE T.D. REACHED 2-5-82 17. DATE COMPL. (Ready to prod.) 2-24-82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3702' GR 19. ELEV. CASINGHEAD 3702'

20. TOTAL DEPTH, MD & TVD 4412' 21. PLUG, BACK T.D., MD & TVD 4315' 22. INTERVALS DRILLED BY 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3669'-----3847', ABO 25. WAS DIRECTIONAL SURVEY MADE No

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#	703'	17 1/2"	700 HLW/300 Thixset/300 "C"/1050 Thixset	
8 5/8"	24#	1770'	12 1/4"	750 HLW/300 Thixset/300 "C"	
4 1/2"	10.5#	4412'	7 7/8"	550 "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"	3563'	-

31. PERFORATION RECORD (Interval, size and number)

3669', 72', 74', 76', 78', 3792', 96', 98', 3801', 05', 10', 3836', 44', 47';; total of 28 holes 3 1/8" csg gun 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3792'-----3847'	A/2800 gal 7 1/2% HCL + 45 BS
3669'-----3678'	A/1600 gal 7 1/2" HCL + 25 BS
3669'-----3847'	F/70,200 gal X-Link Gel KCL & CO2 + 92,000# 20/40 SD + 120,000#

33.* PRODUCTION 10/20 SD

DATE FIRST PRODUCTION - PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-24-82	4	19/64	→	-	269	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
830	770	→	-	1614	-	-	

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

Vented

TEST WITNESSED BY

E.L. Buttross, Jr.

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. E. Stahl

TITLE

REGULATORY COORDINATOR

DATE 2-26-82

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

U.S. GEOLOGICAL SURVEY

xc: MMS(6), TLS, CEN RCDS, ACCTG, ROSWELL, LAND, D&M, LMC, CTY, EEB, REM, TW, K, PARTNER: 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:

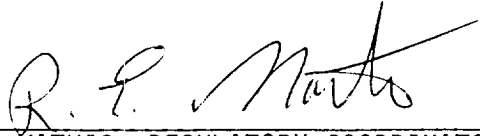
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				San Andres	464'	
				Glorieta	1398'	
				Tubb	2951'	
				ABO	3618'	

MESA PETROLEUM CO.
HELEN FED COM #1
990' FNL & 330' FWL, Sec 1, T7S, R25E
Chaves County, New Mexico

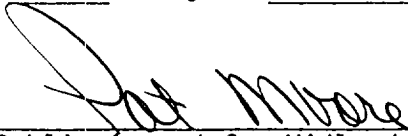
RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
501'	3/4°
863'	1°
894'	1°
1770'	1°
2262'	1°
2800'	1°
3400'	1°
4400'	1°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this _____th day of _____, 1982.



Notary Public in and for Midland County, Texas.

Commission Expires: 6-25-85