

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OIL & GAS COMMISSION

DD (S. 1er in
stru. 2201
Artesia, NM 88001)Form approved.
Budget Bureau No. 42-E355.5.

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. ESVR. ☐
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 any State requirements)* At surface 660' FSL & 1980' FEL At top prod. interval reported below SAME At total depth SAME						
14. PERMIT NO. DATE ISSUED ARTESIA OFFICE 4-14-81						
15. DATE SPUDDED 7-23-81		16. DATE T.D. REACHED 7-28-81		17. DATE COMPL. (Ready to prod.) 9-29-81		
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4172.2' GR		19. ELEV. CASINGHEAD 4172'				
20. TOTAL DEPTH, MD & TVD 4300'		21. PLUG, BACK T.D., MD & TVD 4227'		22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY ALL		ROTARY TOOLS ALL		CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3703'---3873' ABO						
25. WAS DIRECTIONAL SURVEY MADE NO						
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL/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#	891'	17 1/2"	500HLW/200Thixset/200"C"	-	
8 5/8"	24#	1603'	11"	550HLW/200Thixset/300"C"	-	
4 1/2"	10.5#	4300'	7 7/8"	650HLW/450Pozmix	-	
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"	3599'					
31. PERFORATION RECORD (Interval, size and number)						
3703'-11', 13', 14', 49', 61', 64', 79', 98', 3800', 3802', 17', 19', 21', 46', 48', 50', 69', 71', 73'; total of 27 holes 3 1/8" csg gun 1 JSPF						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
3703'---3873'		A/3000Gal 1 1/2%MSR+41BS				
3703'---3873'		F/51000Gal Gelled 2%KCL&CO ₂ + 24000#100Mesh+112000 20/40 MeshSd in 2 Stages				
33.* PRODUCTION						
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 9-29-81	HOURS TESTED 4	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. -	GAS—MCF. 77	
FLOW. TUBING PRESS. 450	CASING PRESSURE 445	CALCULATED 24-HOUR RATE →	OIL—BBL. -	GAS—MCF. C122 700 463	WATER—BBL. -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						
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. Neal		TITLE REGULATORY COORDINATOR		DATE OCTOBER 2, 1981		

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

XC: NMCD (6), TLS, CEN RCDS, ACCTG, MEC, LAND, D&M, LNC, CTV, ROSWELL, EEB, PARTNERS, REM, MTS (3), TW, K, 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				GLORIETA	1450'	
				TUBB	3017'	
				ABO	3636'	

MESA PETROLEUM CO.
JESS FEDERAL #3
660' FSL & 1980' FEL, SEC 1, T6S, R24E
CHAVES COUNTY, NEW MEXICO

RECEIVED

OCT 13 1981

O. C. D.
ARTESIA, OFFICE

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
500'	1/2°
893'	3/4°
1000'	1°
1603'	1/4°
2000'	1 1/4°
2500'	1 1/4°
3200'	1 1/4°
3700'	1°
4300'	1 1/4°


BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 2nd day of October, 1981.


Notary Public in and for Midland County,
Texas.

Commission Expires: June 26, 1985