

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

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				7. UNIT AGREEMENT NAME																								
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>P&A</u>				8. FARM OR LEASE NAME <u>ARANA FEDERAL</u>																								
2. NAME OF OPERATOR <u>MESA PETROLEUM CO.</u>				9. WELL NO. <u>1</u>																								
3. ADDRESS OF OPERATOR <u>1000 VAUGHN BLDG./MIDLAND, TEXAS 79701-4493</u>				10. FIELD AND POOL, OR WILDCAT <u>WILDCAT</u>																								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1980' FNL & 660' FWL</u> At top prod. interval reported below <u>1981</u> At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>SEC 20, T3S, R24E</u>																								
14. PERMIT NO.				DATE ISSUED <u>3-25-81</u>																								
15. DATE SPUDDED <u>4-19-81</u>				16. DATE T.D. REACHED <u>4-26-81</u>																								
17. DATE COMPL. (Ready to prod.) <u>10-1-81</u>				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>P&A 4227.7' GR</u>																								
19. ELEV. CASINGHEAD <u>-</u>				20. TOTAL DEPTH, MD & TVD <u>5304'</u>																								
21. PLUG, BACK T.D., MD & TVD <u>SURFACE</u>				22. IF MULTIPLE COMPL., HOW MANY*																								
23. INTERVALS DRILLED BY <u>RECEIVED</u>				24. ROTARY TOOLS <u>ALL</u>																								
25. CABLE TOOLS				26. WAS DIRECTIONAL SURVEY MADE <u>NO</u>																								
27. TYPE ELECTRIC AND OTHER LOGS RUN <u>GR-CLL/GR-CNL-FDC</u>				28. WAS WELL CORED <u>NO</u>																								
29. CASING RECORD (Report all strings set in well) Casing Size Weight, lb./ft. Depth Set (MD) Hole Size Cementing Record Amount Pulled <table border="1"><tr><td>13 3/8"</td><td>48#</td><td>904'</td><td>17 1/2"</td><td>900 LT/200 THIXSET/200"</td><td>C"</td><td>-</td></tr><tr><td>8 5/8"</td><td>24#</td><td>1999'</td><td>11"</td><td>900 LT/200 THIXSET/300"</td><td>C"</td><td>-</td></tr><tr><td>4 1/2"</td><td>10.5#</td><td>5303'</td><td>7 7/8"</td><td>500 LT/600 POZMIX</td><td></td><td>-</td></tr></table>								13 3/8"	48#	904'	17 1/2"	900 LT/200 THIXSET/200"	C"	-	8 5/8"	24#	1999'	11"	900 LT/200 THIXSET/300"	C"	-	4 1/2"	10.5#	5303'	7 7/8"	500 LT/600 POZMIX		-
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30. LINER RECORD Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD) <table border="1"><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>																												
31. TUBING RECORD Size Depth Set (MD) Packer Set (MD) <table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>																												
32. PERFORATION RECORD (Interval, size and number) <table border="1"><tr><td>5180'---5229', 24 holes</td></tr><tr><td>4850'---4862', 13 holes</td></tr><tr><td>3484'---98, 15 holes</td></tr><tr><td>3524'---3712', 40 holes</td></tr></table>								5180'---5229', 24 holes	4850'---4862', 13 holes	3484'---98, 15 holes	3524'---3712', 40 holes																	
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33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><tr><td>Depth Interval (MD)</td><td>Amount and Kind of Material Used</td></tr><tr><td>5180'---5229'</td><td>A/3500 gal 7 1/2 MSR-100</td></tr><tr><td>4850'---4862'</td><td>A/2000 gal 7 1/2 MSR-100/F/24, 300 gal</td></tr><tr><td>3484'---98</td><td>A/2500 gal 7 1/2 MSR-100</td></tr></table>								Depth Interval (MD)	Amount and Kind of Material Used	5180'---5229'	A/3500 gal 7 1/2 MSR-100	4850'---4862'	A/2000 gal 7 1/2 MSR-100/F/24, 300 gal	3484'---98	A/2500 gal 7 1/2 MSR-100													
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34. PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping—size and type of pump) Well Status (Producing or shut-in) <u>P&A</u>																												
35. DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																												
36. FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																												
37. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY <u>DEC 1 1981</u>																												
38. LIST OF ATTACHMENTS																												
39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																												
SIGNED <u>R. P. Mathis</u> TITLE <u>REGULATORY COORDINATOR</u> DATE <u>10-22-81</u>																												

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

xc: USGS (6), TLS, CEN RCDS, MEC, LAND PARTNERS, FILE, D&M, ROSWELL, REM

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: "Stocks 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:				38. GEOLOGIC MARKERS		
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				NAME	TOP	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
32. (Contd)	2484'--98'	F/26,400 gal YF4PSD & CO2		GLORIETA YESO TUBB ABO HUELLO	1332	
	3524'--3712'	A/5000 gal 7½ MSP-100			1624	
	3484'--3712'	F/6L,480 gals Gelled KCL & CO2 in 2 stages			2882	
NOT LOGGED					3432	
					4218	