

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form 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.						5. LEASE DESIGNATION AND SERIAL NO. SF 078118	
3. ADDRESS OF OPERATOR 1660 Lincoln St., #2800, Denver, CO 80264						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1690' FNL - 1725' FWL At top prod. interval reported below same At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. _____ DATE ISSUED 3/17/81						8. FARM OR LEASE NAME Johns Federal	
15. DATE SPUDDED 3/10/81						9. WELL NO. #5	
16. DATE T.D. REACHED 3/14/81						10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs	
17. DATE COMPL. (Ready to prod.) 5/21/81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18 - T32N - R11W	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6683' GR						12. COUNTY OR PARISH San Juan	
19. ELEV. CASINGHEAD 6683' GR						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 3400'		21. PLUG. BACK T.D., MD & TVD 3334'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-3400'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3257'-3261', 3286'-3292', Pictured Cliffs		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CBL, Density Neutron, IES		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	
8 5/8"	24#	228'	12 1/4"	250 sxs Class "B"		-	
4 1/2"	10.5#	3369'	7 7/8"	350 sxs 50/50 poz		-	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	3255'	-0-
31. PERFORATION RECORD (Interval, size and number) 3257'-3261' w/1 jet shot/ft., .32" dia. 3286'-3292' w/1 jet shot/ft., .32" dia.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3257'-3292'				1,000 gals 7 1/2% HCL, 44,000 gals slick water w/400 SCF N ₂ , 40,000 #'s 20/40 sd.			
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	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/21/81	3	.750"	→	0	1502 MCF	0	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
90 psi	0	→	0	1502 MCFD	0	N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented for test purposes only						TEST WITNESSED BY J. L. Asher	
35. LIST OF ATTACHMENTS C-104 with deviation record, AOF test							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED _____		TITLE Div. Production Supervisor		DATE 4/22/81		FARMINGTON DISTRICT	

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

NMCC

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.

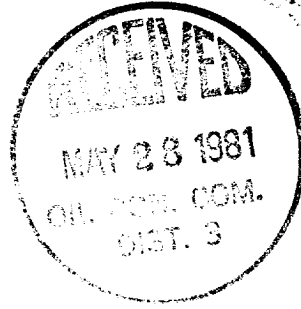
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	4720' 1963		$\begin{array}{r} 16683 \\ 4720 \\ \hline 1963 \end{array}$ $\begin{array}{r} 6683 \\ 3926 \\ \hline 2757 \end{array}$ $\begin{array}{r} 6683 \\ 3441 \\ \hline 3242 \end{array}$				
Kirtland	4460' 2223						
Fruitland	3926' 2757						
Pict. Cliffs	3441' 3242						

XC: USGS (5)
 NMOCC (2)
 T.L. Slife
 S. Cavanaugh



38. GEOLOGIC MARKERS