

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 _____				5. LEASE DESIGNATION AND SERIAL NO. N00-6-14-20-5607	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mesa Petroleum Co.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Suite 2800, Denver, CO 80264				8. FARM OR LEASE NAME South Blanco Navajo 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL & 330' FEL At top prod. interval reported below At total depth Same				9. WELL NO. #1	
14. PERMIT NO. _____ DATE ISSUED 11/20/80				10. FIELD AND POOL, OR WILDCAT Lybrook Gallup Ext.	
15. DATE SPURRED 12/27/80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8-T23N-R7W	
16. DATE T.D. REACHED 1/5/81				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 3/11/81				13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7178' GR ungraded				19. ELEV. CASINGHEAD 7178' GR	
20. TOTAL DEPTH, MD & TVD 5810'				21. PLUG, BACK T.D., MD & TVD 5780'	
22. IF MULTIPLE COMPLEMENTS, HOW MANY* 1				23. INTERVALS DRILLED BY 10' - 5810'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5256'-5401' (Mancos), 5530'-5775' (Gallup)				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CNL-SDC, GR-CBL				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
8 5/8"		24#	255'	12 1/4"	200 sxs Class "B"
4 1/2"		10.5#	5810'	7 7/8"	530 sxs 50/50 poz,
					330 sxs 65/35 poz
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"	5406'	-0-			
31. PERFORATION RECORD (Interval, size and number)					
Mancos-5256', 58', 60', 5308', 10', 12', 43', 47', 49', 51', 53', 95', 97', 99', 5401', w/1 shot each, .40" dia. Gallup-5530'-40' w/2 shots/ft, 5646'-56', 5705'-10', 5730'-40', 5755'-75' w/1 shot/ft., .40" dia.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
SEE BACK FOR INFORMATION					
33.* PRODUCTION					
DATE FIRST PRODUCTION 3/25/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pumping			WELL STATUS (Producing or shut-in) pumping
DATE OF TEST 3/25/81	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 70	GAS—MCF. 100
FLOW. TUBING PRESS. 25 psi		CASING PRESSURE 25 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. 70	GAS—MCF. 100
WATER—BBL. trace		OIL GRAVITY-API (CORR.) 46°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for test purpose only					
35. LIST OF ATTACHMENTS C-104 w/Deviation Record					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
SIGNED <u>[Signature]</u> TITLE Division Production Supervisor				DATE 3/27/81	

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

BY RB

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
Ojo Alamo	1495'		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
Kirtland-Fruitland	1622'		5256'-5401', 80,000 gals gel H ₂ O, 127,000#			
Pictured Cliffs	2143'		sd, 400 ft ³ /bbls N ₂			
Lewis	2232'		5530'-40', 28,000 gals gel H ₂ O, 70,000#			
Chacra	2560'		sd, 315,000 ft ³ N ₂			
Cliff House	3620'		5643'-5775', 75,000 gals gel H ₂ O, 187,500#			
Menefee	3725'		sd, 518,400 ft ³ CO ₂			
Pt. Lookout	4458'					
Mancos	4637'					
Gallup	5498'					
Mayre Sand	5642'					