

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 _____		7. UNIT AGREEMENT NAME _____	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		8. FARM OR LEASE NAME FEDERAL	
2. NAME OF OPERATOR Mesa Petroleum Company		9. WELL NO. 12E	
3. ADDRESS OF OPERATOR 1660 Lincoln St.-Suite 2800, Denver, CO 80264		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1620' FSL 930' FWL At top prod. interval reported below Same At total depth Same		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23-26N-6W	
14. PERMIT NO. _____		DATE ISSUED 11-03-80	
15. DATE SPUDDED 11-16-80		16. DATE T.D. REACHED 12-1-80	
17. DATE COMPL. (Ready to prod.) 4-14-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6709 GR	
19. ELEV. CASINGHEAD 6709'		20. TOTAL DEPTH, MD & TVD 7610	
21. PLUG, BACK T.D., MD & TVD 7555		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY - - - - -		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7274' - 7542' Dakota, Graneros	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN IES, Density GR-CBL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24#	
5 1/2 "		15.5 & 16#	
DEPTH SET (MD)		HOLE SIZE	
313'		12 1/4"	
7595'		225 sxs Class "B"	
		310 sxs 50/50 Poz	
		475 sxs 50/50 Poz	
		225 sxs 65/35 Poz	
		AMOUNT PULLED	

29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
		2 3/8"	
		DEPTH SET (MD)	
		7266'	
		PACKER SET (MD)	

31. PERFORATION RECORD (Interval, size and number)		32. ACID SHOT, FRAC, CEMENT SQUEEZE, ETC.	
7542, 37, 35, 7498, 93, 86, 81, 65, 32, 35, 07, 7398, 93 & 7388		DEPTH INTERVAL (MD)	
7386-96, 7430-44, 7478-7500, 7534-42, 1HPF .40"		AMOUNT AND KIND OF MATERIAL USED	
7274-84, 7300-06, 1HPF .40"		7388'-7542' 150,000 Gal YF400, 145,000 #20-40, 58,000 #10-20sd w/600 Scf/bbl CO2	
		7274'-7306' 2,000 gal 15% HCL Acid	
		95,000 Gal X-Link w/85,000 #20-40, 35,000 #10-20 SD w/600 Scf/bbl CO2	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION N/A		Shut-in	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing			
DATE OF TEST 4/14/81		HOURS TESTED 3 hrs	
CHOKE SIZE .750		PROD'N. FOR TEST PERIOD →	
OIL—BBL. -0-		GAS—MCF. 2992	
WATER—BBL. -0-		GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. 190 psi		CASING PRESSURE →	
CALCULATED 24-HOUR RATE →		OIL—BBL. -0-	
GAS—MCF. 2292		WATER—BBL. -0-	
OIL GRAVITY-API (CORR.) N/A			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented for test purposes only		TEST WITNESSED BY J. Archer	
35. LIST OF ATTACHMENTS C-104 w/deviation record, C-122			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED _____		TITLE Division Production Supervisor	
		DATE 4/15/81	

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

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	2396'					
Kirtland	2596'					
Fruitland	2917'					
Pictured Cliffs	3028'					
Cliff House	4710'					
Menefee	4829'					
Pt. Lookout	5264'					
Mancos	5396'					
Greenhorn	7172'					
Graneros	7224'					
Dakota	7386'					