

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNNY DAY, N.M.

RWK - 1

State - 1

Form approved  
Budget Bureau No. 42-R3555.

Randy - 1

## WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Mesa Petroleum Co.						5. LEASE DESIGNATION AND SERIAL NO. NM-03553	
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Suite 2800, Denver, CO 80264-2899						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1800 FSL & 850' FEL At top prod. interval reported below At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED 10-30-81	
15. DATE SPUDDED 12-26-81						16. DATE T.D. REACHED 1-09-82	
17. DATE COMPL. (Ready to prod.) 4-08-82						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6723' KB	
19. ELEV. CASING HEAD 6710' GR						20. TOTAL DEPTH, MD & TVD 7615'	
21. PLUG BACK T.D., MD & TVD 7615' 58' KB						22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY 10-7615'						ROTARY TOOLS N/A	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota - 7278' - 7550'						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CBL-VDL; ISFL, CNFD						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#/ft.	456' KB	12-1/4"	325 sxs Class "B"	None
5-1/2"	15.50#/ft.	6553.79' KB	7-7/8"	See Attachment	None
	& 17#/ft.	7557.58			None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-1/16"	7235'	7210'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7498-7524' - 1JSPF; 7543-50' - 2JSPF-.32"		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7377-87', 7419-23', 7447-55' - 1JSP2F-.32"		7498-7550'	60,500 gals x-link gel, 79,100#
7442-58', 7418-25', 7374-95' - 1JSPF;			20-40, 16,950# 10-20 sd 2/400
7285-94', 7278-82' - 1JSPF - .32"			SCF/bbls CO <sub>2</sub>
			(OVER)

33.* PRODUCTION							
DATE FIRST PRODUCTION 4-27-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 4-27-82	HOURS TESTED 3	CHOKE SIZE .750"	PROD'N. FOR TEST PERIOD →	OIL—BBL. trace	GAS—MCF. 861	WATER—BBL. trace	GAS-OIL RATIO N/A
FLOW. TUBING PRESS. 340	CASING PRESSURE -0-	CALCULATED 24-HOUR RATE →	OIL—BBL. trace	GAS—MCF. 6876	WATER—BBL. trace	OIL GRAVITY-API (CORR.) 39°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY C. James	

35. LIST OF ATTACHMENTS  
c-104, Deviation Record; C-107

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Division Production Sprvr DATE May 26, 1982

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

NMOCC

FARMINGTON DISTRICT  
BY [Signature]

# 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: "Sticks Cement":** Attached supplemental records for this well should show the details of any multiple stages 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.)

#32. (Cont.) 7377-7455 - 65,300 gals x-1ink gel, 87,570# 20-40 sd, 16,950# 10-20 sd w/8563 gals CO<sub>2</sub> & 11,060 gals diesel.  
7278-7294 - 19,000 gals x-1ink gel, 16,000# 20-40 sd, 4,800# 10-20 sd w/400 SCF/bbls CO<sub>2</sub>.

## 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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Toa	2298(+4425)					
Kk	2515(+4208)					
Kf	2850(+5973)					
Kpc	3026(+3697)					
K1	3063(+3660)					
Kc	3880(+2843)					
Kch	4665(+2085)					
Kmf	4720(+2003)					
Kpl	5192(+1531)					
Km	5410(+1313)					
Kgh	7169(-446)					
Kg	7223(-500)					
Kd	7374(-651)					



Mesa Petroleum Co.

Federal 13E  
Sec. 21-T26N-R6W  
Rio Arriba County, NM

28. Cementing Record

Cemented first stage with 250 sxs "self stress". Cemented second stage with 250 sxs 65/35 poz mix, tailed with 150 sxs "self-stress." Cemented third stage with 400 sxs 65/35 poz mix, tailed in with 50 sxs neat. Circulated third stage to surface. Top of first stage cement estimated at 5,904', top of second stage cement at 3,280'. Top of third stage cement at surface.

