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Form C-105
Revised 11-1-78

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
JAN 11 1980
O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease: State ☐ Fee ☒
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Cook Fed Com
9. Well No.: 1
10. Field and Pool, or Wildcat: Diamond Mound Undes Atoka-Morrow

2. Name of Operator: Mesa Petroleum Co.
3. Address of Operator: 1000 Vaughn Building, Midland, Texas 79701
4. Location of Well: UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 10 TWP. 16S RGE. 27E NMPM
12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8-30-79	9-24-79	11-29-79	3574.5 GR 3591 RKB	3575'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
8794'	8667'		→	All	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Atoka 8570-8580'
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: CBL-CCL-GR, CNL-FDC, DLL/MSFL-GR
27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	364'	17-1/2"	400 sx "C"+1/2#flocele+2% CaCl	
8-5/8"	24	1594'	11"	200 sx thick-set/650 sx LTW/200 "C"	
4-1/2"	10.5, 11.6	8794'	7-7/8"	1200 sx "H"+5# KCL+1/4# flocele	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	8471'	8465'

31. Perforation Record (Interval, size and number): 8570'-8580', 0.39", 11 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8570-8580	A/1375 gals 7-1/2%+N_2+25 Balls
8570-8580	F/7064 gals+5220# 20/40 SN

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
10-5-79	Flowing	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
12-21-79	4	9/64		-	29	-	Dry

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
318	Pkr		-	171	-	-

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By: J. Davis
35. List of Attachments: C-122, Inclination Report
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED R. E. Mathis TITLE Regulatory Coordinator DATE 1-9-80

xc: NMOCD (5), TLS, LMC, JBH, MEC, JHW, FILE, Kyle Stanley, D&M

INSTRUCTIONS

This form is to be filed with the appropr[iate] District Office of the Commission not later th[an] [10] days after the completion of any newly-drilled or deepened well. It shall be accompanied b[y o]ne copy of all electrical and radio-activity logs r[un] on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	8022	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	8424	T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss	8580	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	2852	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	4210	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	4942	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	6160	T. Wolfcamp Bursum	6948	T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 2852 to 2956 No. 4, from 7544 to 7564

No. 2, from 6682 to 6692 No. 5, from 8570 to 8580

No. 3, from 6948 to 6958 No. 6, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
5950	6250	300	Dolomite/shale				
6250	6660	410	Limestone/dol/shale				
6660	8425	1765	Limestone/shale				
8425	8560	135	Limestone/sand/trace coal				
8560	8770	210	Shale/Limestone/Sand				
8770	8794	24	Limestone				