

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

**CHANGE OK**  
*al*

MAIN FOR DRUG  
 1969 MAR 8 11

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
 State  Fee   
 5. State Oil & Gas Lease No.  
 -

1. 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  
**Mora Ranch**

2. Name of Operator  
**Shell Oil Company**

9. Well No.  
**#1**

3. Address of Operator  
**P. O. Box 1509, Midland, Texas 79701**

10. Field and Pool, or Wildcat  
**Wildcat**

4. Location of Well  
 UNIT LETTER **P** LOCATED **660'** FEET FROM THE **south** LINE AND **660'** FEET FROM



THE **east** LINE OF SEC. **5** TWP. **22-N** RGE. **19-E** NMPM

12. County  
**Mora**

15. Date Spudded **11-20-68** 16. Date T.D. Reached **2-11-69** 17. Date Compl. (Ready to Prod.) \_\_\_\_\_ 18. Elevations (DF, RKB, RT, GR, etc.) **6995 DF** 19. Elev. Casinghead **-**

20. Total Depth **9690'** 21. Plug Back T.D. **--** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By Rotary Tools **0-9690'** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name \_\_\_\_\_ 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run **GR-S, BHC Sonic, SNP, LL & MLL, DIL, FDC** 27. Was Well Cored **Yes**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	92'	24"	Circulated	None
9-5/8"	36	2815'	12 1/4"	1800 Sacks - Circulated	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production **P&A** Production Method (Flowing, gas lift, pumping - Size and type pump) \_\_\_\_\_ Well Status (Prod. or Shut-in) **P&A**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

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

34. Disposition of Gas (Sold, used for fuel, vented, etc.) \_\_\_\_\_ Test Witnessed By \_\_\_\_\_

35. List of Attachments  
**Logs, Deviation Record**

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 J. D. Duren **J. D. Duren** TITLE **Staff Petrophysical Engineer** DATE **3-10-69**

C-105  
MORA RANCH WELL #1

MAIN 5

69 MAR

5-

- DST #1            525' - 580' (55' Graneroc).  
 Rec: 15' drlg. mud.  
 FPS = 43-34 PSI  
 FSIP (120 min. ) = 260 PSI
- DST #2            746' - 776' (30' Dakota).  
 Rec: 15' drlg. mud.  
 FPS = 117-143 PSI  
 FSIP (120 min.) = 278 PSI
- DST #3            6483' - 660' (117' Des Moines)  
 Rec: 185' drlg. mud with no show of oil or gas.  
 FPS = 151-151 PSI  
 FSIP (60 min.) = 204 PSI
- DST #4            8029' - 8135' (106' Des Moines)  
 Rec: 1500' Gas and mud cur salt water (21.3 bbls) + 732'  
                     gas cut salt water.  
 FPS = 882-1118 PSI  
 FSIP (120 min.) = 1319 PSI
- DST #5            8256' - 8324' (68' Lower Des Moines)  
 Rec: 327' drlg. mud.  
 FPS = 183-146 PSI  
 FSIP (180 min.) = 1196 PSI

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	492	492	Surface Gravel & Shale				
492	547	55	Greenhorn				
547	746	199	Graneros				
746	925	179	Dakota				
925	1385	460	Jurassic				
1385	2484	1099	Chinle (Triassic)				
2484	2726	242	Glorieta (Permian)				
2726	6247	3521	Sangre De Cristo				
6247	9552	3305	Marine Pennsylvanian (Des Moines ?)				
9552	TD		Precambrian (Igneous)				