

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

7. Unit Agreement Name

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

8. Farm or Lease Name
West Knowles

2. Name of Operator
Mesa Petroleum Co

9. Well No.
7

3. Address of Operator
904 Gihls Tower West, Midland, TX 79701

10. Field and Pool, or Wildcat
Casey Strawn

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE N LINE AND 2130 FEET FROM
THE E LINE OF SEC. 34 TWP. 16S RGE. 37E NMPM

12. County
Lea

15. Date Spudded 10-30-75 16. Date T.D. Reached 12-1-75 17. Date Compl. (Ready to Prod.) P & A 12-3-75 18. Elevations (DF, RKB, RT, GR, etc.) 3786' RKB 3773' GR 19. Elev. Casinghead 3773' GR

20. Total Depth 11,580' 21. Plug Back T.D. --- 22. If Multiple Compl., How Many --- 23. Intervals Drilled By: Rotary Tools All 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
SNP - DIL 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"	54.50	384'	17-1/2	425 sx Class "C" 2%cc	--
8-5/8"	24 & 32	4,200'	12-1/4	400 sx Class "H" 2%cc	1004.85

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 _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

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
C-103, DST Summary

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 Michael P. Houston TITLE Division Engineer DATE December 11, 1975

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run 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 <u>11,303</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,518</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3180</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>4080</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4824</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6234</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock <u>6338</u>	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7760</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>7902</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9850</u>	T. Drinkard "B" <u>7986</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1970	1970	Surface sands, Redbed & Salt				
1970	3180	1210	Anhydrite and salt				
3180	4080	900	Anhydrite-sand-salt				
4080	4824	744	Anhydrite - dolomite				
4824	6234	1410	Dolomite-lime				
6234	7760	1526	Lime-anhydrite				
7760	9850	2090	Lime-shale				
9850	11303	1453	Dolomite-shale-lime-sand				
11303	11580	277	Lime-shale				

DST SUMMARY
West Knowles No. 7

DST #1

6354'-6435' (Paddock) SI 90" - Open 2½ hrs, weak blow, increasing to good in 60", continuing to increase slightly to end of test. SI 5 hrs. Recovered 1,954' GDP, 5' FO + 90' O&GWC (Cl 10,000 ppm, pits 2,000 ppm) Sample chamber recovered estimated 1 cubic foot gas and 400 cc oil + 600 cc water. No pressure recorded (gauge malfunction) 10" PF 48, 90" ISI 2170, 150" FF 48-115, 5 hr FSI 1845#, HH 2832#, BHT 1230.

DST #2

7982'-8088' (Drinkard) 10" PF weak blow increased to fair in 10". SI 90". Tool opened 60" - Opened with weak blow, increased to strong in 1" (off bottom of bucket). GTS 56", TSTM FSI 150". Reversed out full string of gas plus estimated 30' SO&GC drilling mud + 10' FO, 41.1^o gravity at 60^o F. Recovered off top of tool 45' OC drilling fluid. 2300 ppm cl (pits 2000 pp, cl) + 75' HGCO. Sample chamber recovered 0.6 cubic foot gas + 800 cc oil at 100 psi. 10" PF 75-152#, 90" ISI 1615#, 60" FF 152-215#, 150" FSI 1615#, HH 3510-3532#, BHT 1470.

DST #3

11,327'-11,390' (Strawn) Tool open 10" PF w/weak blow (1/8" in bucket) SI 90", TO 30", no blow, SI 180", recovered 1500 W.C. + 40' drilling fluid N.S., 5500 ppm cl (pit cl 4300 ppm) Sample chamber recovered 2400 cc drilling fluid at 0 psi - 5200 ppm cl - 10" PF 731-731# - 90" ISI 1035# - 30" FF 731-731#, 180" FSI 933#, HH 5064-5090#.