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Form C-105
Revised 11-1-84

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

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No. V-648

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. Form or Lease Name Fort Ranch State
9. Well No. 1
10. Field and Pool, or Wildcat Saunders, Upper Permo-Penn

2. Name of Operator J. M. Huber Corporation
3. Address of Operator 1900 Wilco Building, Midland, Texas 79701
4. Location of Well

UNIT LETTER <u>P</u> LOCATED <u>330</u> FEET FROM THE <u>south</u> LINE AND <u>600</u> FEET FROM
THE <u>east</u> LINE OF SEC. <u>11</u> TWP. <u>14S</u> RGE. <u>33E</u> NMPM

12. County Lea

15. Date Spudded 8/9/85	16. Date T.D. Reached 8/30/85	17. Date Compl. (Ready to Prod.) 11/06/85	18. Elevations (DF, RKB, RT, GR, etc.) KB 4206'	19. Elev. Casinghead 4191'
20. Total Depth 10,158'	21. Plug Back T.D. 9965'	22. If Multiple Compl., How Many	23. Intervals Drilled By Surf to TD	24. Producing Interval(s), of this completion - Top, Bottom, Name 9912-22' Permo-Penn
26. Type Electric and Other Logs Run DIL/BHC/LDT/CNL/NGT/GR/SP/Caliper				27. Was Directional Survey Made 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"	48	468'	17-1/2"	475 sx C1 "C"	
8-5/8"	24 & 28	4199'	11"	1975 sx C1 "C" & Light Cmt	
5-1/2"	15.5 & 17	10,080'	7-7/8"	535 sx C1 "H"	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	9953'	NA

31. Perforation Record (Interval, size and number) 9782-87'; 9820-27'; 37-40' w/2 JSPF 9912-22' w/2 JSPF 9980-83'; 88-91'; 10,002-005' w/2 JSPF (Total 70 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED See Attached Sheet
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33. PRODUCTION							
Date First Production 2/23/86		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 1-1/2" RHBM Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 4/13/86	Hours Tested 24	Choke Size	Prod'n. Per Test Period	Oil - Bbl. 104	Gas - MCF 200	Water - Bbl. 221	Gas - Oil Ratio 1923
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 104	Gas - MCF 200	Water - Bbl. 221	Oil Gravity - API (Corr.) 42°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Conway Barnard
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35. List of Attachments Logs

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.		915/682-3794
SIGNED 	Robert R. Glenn	TITLE District Production Manager DATE April 15, 1986

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All logs 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 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1727'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	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 _____ 4074'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7011'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9124'	T. _____	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 _____ 9912' to _____ 9922'	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	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
0	1737	1737	Surface, Redbeds	7000	7340	340	Dole, Sand
1737	1832	95	Redbeds, Anhydrite	7340	7770	430	Dolo, Anhydrite
1832	2520	688	Redbeds, Salt	7770	8760	990	Shale, Dolo, Anhydrite
2520	3780	1260	Salt, Anhydrite	8760	9110	350	Dolo, Shale
3780	3975	195	Anhydrite	9110	9460	350	Dolo, Lime
3975	4180	205	Anhy, Dolo, Shale, Lime	9460	10,158	698	Limestone, Shale
4180	4580	400	Dolo, Anhydrite				
4580	5380	800	Dolomite				
5380	5500	120	Dolo, Lime, Anhy				
5500	5560	60	Dolomite				
5560	5740	180	Dolo, Anhy, Sand				
5740	5970	230	Dolo, Anhy				
5970	6050	80	Dolomite				
6050	6370	320	Dolo, Anhy, Sand, Shale				
6370	6740	370	Dolo, Anhy				
6740	6940	200	Dolomite				
6940	7000	60	Dolomite, Anhydrite, Sand				

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J. M. HUBER CORPORATION

Fort Ranch State No. 1

Saunders, Upper Permo-Penn
Lea County, New Mexico

Unit P, Section 11, T14S, R33E

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

<u>DEPTH INTERVAL</u>	<u>AMOUNT AND KIND MATERIAL USED</u>
Open Hole 10,080-158'	1000 gals 15% NEFE HCL Acid
Set CIBP at 10,070'	20' Cement on Top
9980-10,005'	1000 gals 15% NEFE HCL Acid
9912-22'	1500 gals 15% NEFE HCL Acid
9782-9840'	2000 gals 15% NEFE HCL Acid
9782-9840'	Squeeze with 100 sx Class "C" Cement
Set CIBP at 9975'	10' Cement on Top
9912-22'	2500 gals 15% NEFE HCL Acid