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Form C-105
Revised 10-88

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

4. 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
Sawyer
9. Well No.
1
10. Field and Pool, or Wildcat
Crossroads Siluro Devonian

2. Name of Operator
V-F Petroleum Inc.

3. Address of Operator
One Marienfeld Place, Suite 580 Midland, TX 79701

4. Location of Well
UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>south</u> LINE AND <u>2310</u> FEET FROM

THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>9-S</u> RGE. <u>36-E</u> NMPM
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11. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DE, RKB, RT, GR, etc.)	19. Elev. Casinghead
12-17-80	2-6-81	3-5-81	4076' GL, 4041' KB	4076'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
11,949'	11,949'		→	0-11,949'

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
11,926' to 11,949' Open hole completion	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Dual Lateralog; Gamma Ray Density Neutron w/caliper	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4"	35	276	17 1/2	350sx Class C, 2% CaCl (Circ)	0
8 5/8	24 - 32	4125	11	1400sx Howco lite, 250sx Class C neat (Circ to surf)	0
5 1/2	17 - 20	11,920	7 7/8	250sx Class C	0

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
	11,926-11,949'	500gal, 15% HCl NE acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-5-81		Pumping 2 7/8" x 1 3/4" x 16' x 22' HF insert pump				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-9-81	24	-	→	128	20.6	245	161-1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	15	→	128	20.6	245	44	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	V. F. Vasicek

35. List of Attachments
Dual Lateralog, GR Neutron Density; DST #1 and #2; Deviations

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 <u>V.F. Vasicek</u>	TITLE <u>President & Petro. Eng.</u> DATE <u>3-9-81</u>

This form is to be filed with the appropriate District Office of the Commission not later than 10 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 by tape. 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 triplicate except on state land, where six copies are required. See Rule 1155.

Southeastern New Mexico

T. Anhy	2212
T. Salt	2318
B. Salt	2830
T. Yates	2835
T. 7 Rivers	
T. Queen	3546
T. Grayburg	
T. San Andres	4100
T. Glorieta	5520
T. Paddock	
T. Blinebry	
T. Tubb	6900
T. Drinkard	
T. Abo	7630
T. Wolfcamp	
T. Penn.	
T. Cisco (Bough C)	9580

T. Canyon	10,410
T. Strawn	10,650
T. Atoka	11,835
T. Miss	11,872
T. Devonian	
T. Silurian	
T. Montoya	
T. Simpson	
T. McKee	
T. Ellenburger	
T. Gr. Wash	
T. Granite	
T. Delaware Sand	
T. Bone Springs	
T.	
T.	
T.	

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Qtzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

No. 1, from 11,926' to 11,949' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

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

No. 1, from 50 to 120 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
0	276	276	Caliche & red beds
276	2212	1936	Red beds & sand
2212	2318	106	Anhydrite
2318	2835	517	Salt & anhydrite
2835	4100	1265	Sand, Shale, Anhydrite
4100	5520	1420	Dolomite & Lime
5520	7630	2110	Lime & Shale
7630	11,835	4205	Chert, Lime, Shale
11,835	11,872	37	Shale
11,872	11,949	77	Lime & Dolomite
		(Dev)	