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

Form C-105
Revised 11-1-80

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. E1075

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 Arco-State	
2. Name of Operator V-F Petroleum Inc.		9. Well No. 1	
3. Address of Operator One Marienfeld Place, Suite 580 Midland, TX 79701		10. Field and Pool, or Wildcat Dean-Devonian	
4. Location of Well UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 35 TWP. 15-S RGE. 36-E NMPM		11. County Lea	
15. Date Spudded 10-7-80	16. Date T.D. Reached 1-16-81	17. Date Compl. (Ready to Prod.) 2-11-81	18. Elevations (DF, RKB, RT, GR, etc.) 3863' GL, 3879' KB
19. Elev. Casinghead 3860'		20. Total Depth 13,692'	
21. Plug Back T.D. 13,692'		22. If Multiple Compl., How Many	
23. Intervals Drilled By 0-13,692'		24. Producing Interval(s) of this completion - Top, Bottom, Name 13,650' - 13,692' Devonian	
25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Dual Induction and Gamma Ray-Neutron Density	
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
12 3/4"	36#	347'	17 1/2"	400sx Class C	0
8 5/8"	32# & 24#	4876'	11"	1st stg-1600sx; 2nd stg-2500sx	0
5 1/2"	17# & 20#	13,650'	7 7/8"	1300sx Class H	0

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET

31. Perforation Record (Interval, size and number) Completion is from: 7 7/8" open hole, 13,650-13,663' 4 5/8" open hole, 13,663-13,692'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>13,650-13,663'</td> <td>500gal, 15% HCl</td> </tr> <tr> <td>13,663-13,692'</td> <td>1000gal, 15% HCl</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	13,650-13,663'	500gal, 15% HCl	13,663-13,692'	1000gal, 15% HCl
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13,663-13,692'	1000gal, 15% HCl						

33. PRODUCTION							
Date First Production 2-11-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 2 1/2" x 1 3/4" x 16' H-F ring-type				Well Status (Prod. or Shut-in) Prod	
Date of Test 2-17-81	Hours Tested 24	Choke Size	Prod'n. For Test Period 138	Oil - Bbl. 138	Gas - MCF 4	Water - Bbl. 32	Gas - Oil Ratio 60-1
Flow Tubing Press.	Casing Pressure 60	Calculated 24-Hour Rate 138	Oil - Bbl. 138	Gas - MCF 8.3	Water - Bbl. 32	Oil Gravity - API (Corr.) 44	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) vented	Test Witnessed By Max Pearce
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35. List of Attachments IES Ind log; GR Neu log; DST #1, DST #2; Deviations (see attachments)

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 V.F. Vasicek TITLE President & Petro. Eng. DATE Feb. 17, 1981

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 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 20 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

T. Anhy 2012'
T. Salt 2118'
B. Salt 3130'
T. Yates 3154'
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres 4760'
T. Glorieta 6502'
T. Paddock _____
T. Blinbry _____
T. Tubb 7645'
T. Drinkard _____
T. Abo 8401'
T. Wolfcamp 10,635'
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn 11,448'
T. Atoka 11,688'
T. Miss 12,250'
T. Devonian 13,632'
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. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 11,511' to 11,585'
No. 2, from 13,650' to 13,692'
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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 approx 65' to 152' 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	347	347	Caliche & red beds				
347	2012	1665	Red beds				
2012	2118	106	Anhydrite				
2118	3130	1012	Salt & Anhydrite				
3130	3350	196	Sand, Shale, Dolomite				
3350	4760	1410	Anhydrite and Lime				
4760	8401	3641	Lime and Shale				
8401	12,250	3849	Shaley Lime				
12,250	13,615	1265	Chert, Lime & Shale				
13,615	13,632	117	Shale w/Lime				
13,632	13,692	60	Dolomite - TD in the Devonian porosity				
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