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OPERATOR	

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

Form O-175
Revised 1-1-70

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-4349

12. TYPE OF WELL	OIL WELL ☐	GAS WELL ☐	DRY ☐	OTHER ☐
6. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
			DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name

8. Form or Lease Name
Lovejoy State

2. Name of Operator
McGrath & Smith, Inc.

9. Well No.
2

3. Address of Operator
418 Building of the Southwest, Midland, Texas 79701

10. Field and Pool, or Wildcat
Vada Penn

4. Location of Well
UNIT LETTER **K** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM

11. County
Roosevelt

THE **West** LINE OF SEC. **36** TWP. **8-S** RGE. **35-E** NMPM

15. Date Spudded 3-9-70	16. Date T.D. Reached 4-7-70	17. Date Compl. (Ready to Prod.) 4-13-70	18. Elevations (DF, RKB, RT, GR, etc.) GL 4137, KB 4148	19. Elev. Casinghead -----
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20. Total Depth 9860	21. Plug Back T.D. 9846	22. If Multiple Compl., How Many -----	23. Intervals Drilled By all	23. Rotary Tools -----	23. Cable Tools -----
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24. Producing Interval(s), of this completion - Top, Bottom, Name 9808-9812, 9814-9827, Bough C	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run GR-SWN	27. Was Well Cored No
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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	48,54	375	17 1/2	375 Circ.	-0-
8 5/8	24,32	4200	11	500	-0-
5 1/2	17	9860	7 7/8	400	-0-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
none					2 3/8	9810	9708

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
9808-12 2 JSPF	DEPTH INTERVAL
9814-27 2 JSPF	AMOUNT AND KIND MATERIAL USED
	9808-9827 Acid 1000 gals.

33. PRODUCTION							
Date First Production 4-13-70	Production Method (Flowing, gas lift, pumping - Size and type pump) Flow					Well Status (Prod. or Shut-in) Prod.	
Date of Test 4-14-70	Hours Tested 24	Choke Size 28/64	Prod'n. For Test Period 284	Oil - Bbl. 543	Gas - MCF 26	Water - Bbl. 1912	Gas - Oil Ratio
Flow Tubing Press. 275	Casing Pressure PKR	Calculated 24-Hour Rate 284	Oil - Bbl. 543	Gas - MCF 26	Water - Bbl. 43.8°	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented now - will be sold when connected	Test Witnessed By Leroy Collins
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35. List of Attachments Log, 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 [Signature]	TITLE Sup't.	DATE 4-15-70
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commissioner 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 radioactivity 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, from 31 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 1136.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>2020</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2780</u>	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 <u>4020</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>5477</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blainebray _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>5940</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7748</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9045</u>	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9800</u>	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surf	2020	2020	Red Beds				
2020	2780	760	Salt & Anhydrite				
2780	4020	1240	Siltstone, anhydrite, red & green shales interbedded salt.				
4020	5477	1457	Dolomite & anhydrite w/interbedded salt & gypsum.				
5477	7748	2271	Anhydrite with inter- bedded dolomites, salts siltstones & gypsum.				
7748	9045	1297	Red & green shale with dominant dolomite in lower half.				
9045	9800	755	Limestone & shale with red, gray, & green shales				
9800	9831	31	Limestone				
9831	9860	29	Shale				

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OIL DIST. DIV. 10:00 AM.
D35PS, R. 11