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

Form C-105
Revised 1-1-65

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. RECVR. ☐ OTHER ☐		8. Farm or Lease Name Bettenbough	
2. Name of Operator McGrath & Smith, Inc.		9. Well No. 4	
3. Address of Operator 418 Bldg of the Southwest, Midland, Texas 79701		10. Field and Pool, or Wildcat Bough Permo Penn	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>12</u> TWP. <u>9-S</u> RGE. <u>35-E</u> NMPM		11. County Lea	
15. Date Spudded 11-23-70	16. Date T.D. Reached 12-31-70	17. Date Compl. (Ready to Prod.) 1-28-71	18. Elevations (DF, RKB, RF, GR, etc.) GL 4119 KB 4130
19. Elev. Casinghead	20. Total Depth 9754		
21. Plug Back T.D. 9723	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools all	24. Cable Tools 0
24. Producing Interval(s), of this completion - Top, Bottom, Name 9691-9715 Bough C			25. Was Directional Survey Made no
26. Type Electric and Other Logs Run GR-Neutron			27. Was Well Cored no
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13 3/8	54.50	355	17 1/4"
8 5/8	24.32	4100	11"
5 1/2	17	9739	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
350 SX		0	
300 SX		0	
450 SX		0	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
30. TUBING RECORD		PACKER SET	
SIZE	DEPTH SET	9643	
2 3/8	9653		
31. Perforation Record (Interval, size and number)			
9691-97 2 JSPF		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9703-15 2 JSPF		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		9691-9715 1000 Gals 15% NE Acid	
33. PRODUCTION			
Date First Production 1-28-71	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping-Hydraulic		Well Status (Prod. or Shut-in) Prod.
Date of Test 1-29-71	Hours Tested 24	Choke Size	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 126
			Gas - MCF 40
			Water - Bbl. 270
			Gas-Oil Ratio 318
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Oil Gravity - API (Corr.) 43.0	
35. List of Attachments Log, Deviations		Test Witnessed By Lercy Collins	
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>J. B. Taylor</u>		TITLE <u>Superintendent</u> DATE <u>2-1-71</u>	

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 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 conventionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 32 through 34 shall be repeated 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. 2190
T. Salt _____
B. Salt _____
T. Yates 2758
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres 4015
T. Glerieta 5475
T. Paddock _____
T. Elinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo 7675
T. Wolfcamp 8980
T. Penn. _____
T. Cisco (Bough C) 9688

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
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. _____

Northwestern New Mexico

T. Obj. Alamo _____
T. Kirland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
T. 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 Qtzite _____
T. Granite _____
T. _____
T. _____
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T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2190	2190	Red Beds				
2190	2758	568	Salt w/anhy. stringers				
2758	4015	1257	Red shale, anhy. with salt and silty sand stringer				
4015	5475	1460	Dolomite & Anhy				
5475	7675	2200	Dolomite & anhy w/salt shale and silt stringers				
7675	8980	1305	Red and green shales in upper half grading into dolomite and anhy in lower half				
8980	9730	750	Limestone w/gray and brown shale interbeds.				

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