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Form C-105
Revised 1-1-65

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.	
B-2516	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		State	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		9. Well No.	
2. Name of Operator		#2	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 1745 Houston, Texas 77001		LeaMex, Penn.	
4. Location of Well			

UNIT LETTER <u>0</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>2130</u> FEET FROM		12. County	
THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>17S</u> RGE. <u>33E</u> NMPM		Lea	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)
11/21/74	1/4/75	2/8/75	4145.6 gr.
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
11,618'	11,575'	--	Rotary Tools ☒ Cable Tools ☐
24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
11,220 to 11,275' LeaMex, Penn			NO
26. Type Electric and Other Logs Run			27. Was Well Cored
Dual-Ind. Focused, CDN/CDL/GR/PROX/ML			YES

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#	431'	17 1/2	450 sacks	
9 5/8	36#	4,260'	12 1/4	550 sacks	
5 1/2	17# & 20#		7 7/8	400 sacks	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NONE							

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,220-221-222-232-233-246-248-251-269-271-273-275		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		11,220 to 11,275	
		500 gals. acetic &	
		5 bbl HCL acid	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2/11/75		PUMPING				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/16/75	24	--		130	287	8	2207
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
			130	287	8	39°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold							

35. List of Attachments	
Dual Induction. Copy of core analysis	

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	TITLE	DATE
Ronald E. Butler	Consulting Engineer	7/28/75

INSTRUCTIONS

This form is to be filled 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 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 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state lands, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMATION WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Any	1431	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2767	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3763	T. Silurian	T. Point Lookout	T. Elbert
T. Grubburg	4162	T. Montoya	T. Mancos	T. McCracken
T. San Andres	4515	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Gileta		T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	5990	T. Ellenburger	T. Dakota	
T. Blaney		T. Gr. Wash	T. Morrison	
T. Tubb	7540	T. Granite	T. Todillo	
T. Drnkard		T. Delaware Sand	T. Entrada	
T. Ab.	8253	T. Bone Springs	T. Wingate	
T. Wolfcamp	8788			
T. Penn.				
T. Cisco (Bough C)				

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness In Feet	Formation	From	To	Thickness In Feet	Formation
1431	2767	1336	Anhydrite				
2767	3763	996	Yates				
3763	4162	399	Queen				
4162	4515	353	GRYB				
4515	5990	1475	S. And.				
5990	7540	1550	Paddock				
7540	8253	713	Tubb				
8253	8788	535	ABO				
8788	11175	2387	WFCP				
11175	11618	443	Penn				

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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CORE ANALYSIS RESULTS

Company KIRBY PETROLEUM COMPANY Formation PADDOCK File 623-3643
Well STATE NO. 2 Core Type DIAMOND 4" N Date Report 12-5-74
Field E. MALJAMAR Drilling Fluid WATER BASE MUD Analysts BOONE
County LEA State N. MEXICO Elev. Location

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLomite - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMY	FINE - FINE MEDIUM - MED COARSE - CRS	CRYSTALLINE - CLN GRAIN - GRN GRANULAR - GRNL	SPOON - SRN GRAY - GR VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS MAX. 900	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS		
				OIL	TOTAL WATER			

WHOLE-CORE ANALYSIS

1	6245.0-46.5	3.4	1.2	10.0	14.3	30.6	Dolomite, sl/frac, sl/vgy
2	46.5-48.0	0.9	0.8	7.5	11.8	38.4	Dolomite, sl/vgy
3	48.0-49.7	4.3	0.7	6.1	5.3	52.8	Dolomite, sl/frac
4	49.7-51.3	4.5	4.2	11.5	9.4	42.5	Dolomite
5	51.3-53.2	6.7	5.3	11.9	13.0	33.1	Dolomite
6	6253.2-55.0	1.7	0.6	8.5	7.8	55.3	Dolomite
	6255.0-65.0						Dolomite, anhy
	6265.0-70.0						Lost Core
	6270.0-86.0						Dolomite, anhy
	6286.0-90.0						Lost Core
	6290.0-6320.0						Drilled
	6320.0-50.0						Dolomite, anhy