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OPERATOR	

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.	
K-5449	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION						8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						State "H"	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						9. Well No.	
2. Name of Operator						1	
3. Address of Operator						10. Field and Pool, or Wildcat	
P. O. Box 1900, Midland, Texas 79701						Wildcat-Undesignated	
4. Location of Well							
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM						12. County	
THE West LINE OF SEC. 2 TWP. 14-S RGE. 34-E NMPM						Lea	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead			
1-17-71	2-22-71	4-4-71	RKB: 4,128, GR: 4,108	4,108			
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools		
10,600	10,533	--	0-10,600		-----		
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
Top 10,496 (-6,368) Perfs 10,500-10,506 & 10,517-10,519						No	
Upper Penn "A" Bottom 10,519 (-6,391) w/4JSPF-Total of 32 holes						Deviation Survey	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Dresser Atlas-GR-Acoustic Caliper, Induction Electric & Microlog						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
11-3/4"	42#	400	15"	520 sacks Circulated		None	
8-5/8"	32#	4,500	11"	775 sacks-top cmt @ 2050'		None	
5-1/2"	17#	10,600	7-7/8"	200 sacks-top cmt @ 9650'		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-3/8"	Surf to 2,031	
					2-7/8"	2,031- 10,524	
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
10,500 to 10,506 w/4 JSPF or total of 24 holes				DEPTH INTERVAL			
0.40" diameter				AMOUNT AND KIND MATERIAL USED			
10,517 to 10,519 w/4 JSPF or total of 8 holes				10,500-10,513(OA) 500 gals 15% MCA acid			
0.40" diameter				10,500-10,540(OA) Squeeze w/34 sacks class C cmt			
				10,500-10,506 500 gals 15% MCA acid			
				10,500-10,506 Squeeze w/33 sacks class H cmt			
33. PROD 10,500-10,519(OA) 500 gals 15% MCA acid							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)		
3-5-71	Pump-Beam type 2" x 1-1/4" x 20'				Producing		
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-8-71	24	---	77	77	19	19	247
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity -- API (Corr.)	
---	25	77	77	19	19	44.8	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Fuel						H. T. Francis	
35. List of Attachments							
GR-Acoustic Caliper, Induction Electric, Microlog & Drill Stem Test Data							
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 T. D. Clay				TITLE Production Engineer		DATE April 12, 1971	

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 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 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

Northwestern New Mexico

T. Anhy _____	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>2,943 (+1185)</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3,790 (+338)</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4,377 (-249)</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5,528 (-1,400)</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>7,264 (-3136)</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7,936 (-3808)</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9,705 (-5577)</u>	T. _____	T. Chinle _____	T. _____
T. Penn. "A" <u>10,496 (-6368)</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	400	400	Clay & red beds				
400	1,543	1,143	Red beds & salt				
1,143	2,494	951	Anhydrite & salt				
2,494	3,723	1,229	Anhydrite				
3,723	4,055	332	Anhydrite & shale				
4,055	4,500	445	Anhydrite & limestone				
4,500	4,595	95	Dolomite				
4,595	5,220	625	Dolomite & anhydrite				
5,220	5,950	730	Dolomite & limestone				
5,950	6,390	440	Dolomite & sand				
6,390	7,403	1,013	Dolomite & limestone				
7,403	7,631	228	Limestone & shale				
7,631	7,940	309	Limestone & dolomite				
7,940	8,683	743	Limestone, dolomite & shale				
8,683	8,940	257	Limestone & shale				
8,940	9,280	340	Limestone & dolomite				
9,280	9,486	206	Dolomite				
9,486	9,650	164	Dolomite & limestone				
9,650	9,812	162	Limestone & chert				
9,812	10,045	233	Limestone & shale				
10,045	10,219	174	Limestone, shale & chert				
10,219	10,357	138	Limestone & shale				
10,357	10,530	173	Limestone				
10,530	10,600	70	Limestone & shale				
	T.D.						

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OIL CONSERVATION COMM.
HOBBBS, N. M.

DRILL STEM TEST DATA

THE SUPERIOR OIL COMPANY
State "H" No. 1
660' FSL & 660' FWL
Section 2, T-14-S, R-34-E
Wildcat-Undesignated Field
Lea County, New Mexico

DST # 1 10,300' to 10,355'

Johnston test tool, 5/8" btm hole chk, 500' fresh wtr cush. Pkr set @ 10,300'. TO for 10 min preflow. SI 1 hr. TO for 1 hr test w/no blow. SI 1 hr. POH & rec 20' drlg mud. Rec 220 cc mud in smp1 chamber. HP 4,962 in & 4,809 out. 1 hr ISIP 520, FP 325-325, 1 hr FSIP 367, BHT 146°.

DST # 2 10,482' to 10,530'

Johnston test tool, 5/8" btm hole chk, 540' wtr cush. Pkr set @ 10,482'. TO for 10 min preflow w/good blow. SI 1 hr. TO for 2 hr test on 1/8" surf chk, good to strong blow. Put on 3/8" surf chk after 15 mins, GTS in 30 mins, changed to 1/4" surf chk after 30 mins. Max TP 35 psi in 1-1/2 hrs, down to 5 psi in 2 hrs, max gas rate 150 MCFPD. SI 2 hrs. POH & rec 850' mud & wtr cush, 720' oil, 45.1 gty, 120' heavily oil & gas cut mud, no wtr. Smp1 chamber rec 490 cc oil & 140 cc fresh wtr. 1 hr ISIP 3,845, FP 281-487, 2 hr FSIP 3,430, HP 4,991 in & 4,894 out. BHT 154°.

DST # 3 10,527' to 10,600'

Johnston test tool, 5/8" btm hole chk, 500' wtr cush. Pkr set @ 10,527'. TO for 10 min preflow. SI 1 hr. TO for 1-1/2 hr test thru 1/4" surf chk w/fair to good blow after 14 mins, no gas. SI for 1-1/2 hrs. POH & rec 500' wtr cush plus 372' sl gas cut wtr & mud plus 1,800' salt wtr, 7,008 GPG NaCl, S1 sulf odor on btm. Smp1 chamber rec 2,040 cc salt wtr, 6,912 GPG NaCl & 0.2 cu ft gas at 100 psi. 1 hr ISIP 3,527, FP 478-1,244, 1-1/2 hr FSIP 3,430, HP 5,087 in & 5,003 out. BHT 154°.

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