

BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

OCD EXHIBIT NO. 4

CASE NO. 12946

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PERATOR	

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.	

TYPE OF WELL

OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐
NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
		DIFF. RESVR. ☐	OTHER ☐

Name of Operator

Wm. Barnhill

Address of Operator

P. O. Box 1354, Roswell, N.M. 88201

Location of Well

T. LETTER N LOCATED 660 FEET FROM THE south LINE AND 2310 FEET FROM

LINE OF SEC. 6 TWP. 20-S RGE. 38-E NMPM

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
9-10-67	10-8-67	10-31-67	3579' RKB	3568
Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
7450	6750		0-7450	Cable Tools
Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
3940-4065 Grayburg				yes
Type Electric and Other Logs Run				27. Was Well Cored
Gamma Ray - Sonic				no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
3-5/8"	23#	1530'	12-1/4"	1000 sx - circ.	
5-1/2"	14, 15 & 17#	7089'	7-7/8"	1000 sx - top cmt @ 1600'	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-1/16"	3890'	3890'

Perforation Record (Interval, size and number)

One 3/8" hole/interval: 4065, 4057, 4046, 4036, 4024, 3996, 3965, 3950, 3944 & 3940

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6957-6836	1000 gals 15% MCA
	4000 gals 15% NE
6053-5811	4000 gals 15% NE
	20,000# sd & 15,000 gals

PRODUCTION

treated water (cont'd on back)

1st Production	Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)				
10-29-67	Pumping (2" x 1 1/4" x 12' Continental)		Producing				
1st of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-4-67	24			5 BOPH	TSTM	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
750#			120	TSTM	0	39.1	

Disposition of Gas (Sold, used for fuel, vented, etc.)

Will be sold upon connection

Test Witnessed By

Wm. Barnhill and

List of Attachments

John Hendrix (Engr)

Drillstem Test Record

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 Wm. Barnhill TITLE Owner DATE 12/11/67

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 <u>1490</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>2760</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>3010</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3580</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Marcos	T. McCracken
T. San Andres <u>4120</u>	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta <u>5365</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry <u>5890</u>	T. Gr. Wash	T. Morrison	
T. Tubb <u>6410</u>	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo <u>7037</u>	T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1530	1530	Red Beds, Anhydrite				
1530	2600	1070	Salt, Anhydrite				
2600	2900	300	Anhydrite, Red Beds				
2900	3900	1000	Anhydrite, Dolomite				
3900	4600	700	Dolomite				
4600	4900	300	Shaly Dolomite				
4900	5350	450	Limestone, Shaly Dolo.				
5350	5850	500	Dolo, Sandstone				
5850	6350	500	Dolomite				
6350	6600	250	Sand, Dolomite				
6600	7450	850	Dolomite				
	7450	= Total Depth					
<u>Acid Record Continued</u>							
<u>Perfs</u>			<u>Treatment</u>				
4331-4164			2000 gals 15% NE w/12 RGN balls				
4065-3940	)		4000 gals 15% NE				
			4000 gals 15% NE				
			20,000 (20-40) sand & 15,000 gals jelled treated water				