

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not more than thirty days after the completion of any newly drilled or deepened well. It should be accompanied by a copy of all electric log and mud logs in the well and a summary of all expected tests conducted. In case of shallower tests, all depths reported shall be measured to the bottom of the hole. In the case of deep wells, true vertical depth shall apply. The report shall be made in accordance with the instructions on the back of the form. The form is to be filed in quadruplicate except on state land, where six copies are required. Section 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	10964	T. Anhy	10964	T. Penn. "B"	
T. Salt	11567	T. Salt	11567	T. Penn. "C"	
B. Salt	12213	T. Atoka	12213	T. Penn. "D"	
T. Yates	13550	T. Miss. Lime	13550	T. Leadville	
T. 7 Rivers	14352	T. Devonian	14352	T. Madison	
T. Queen	14352	T. Silurian		T. Elbert	
T. Grayburg	14352	T. Montoya		T. McCracken	
T. San Andres	14352	T. Simpson		T. Ignacio Qtzite	
T. Glorieta		T. McKee		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota	
T. Blinberry		T. Gr. Wash		T. Morrison	14290
T. Tubb		T. Granite		T. Toddy	
T. Drinkard		T. Delaware Sand		T. Entrada	
T. Abo	2130	T. Bone Springs		T. Wingate	
T. Wolfcamp	9744	T. Morrow Lime	12792	T. Chinle	
T. Penn.	10509	T. Austin Miss	13059	T. Pennian	
T. Circo (Bough C)		T. Chester	13278	T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet
No. 4, from	to	feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2260	2260	Red Bed				
2260	4600	2340	Anhy				
4600	8187	3587	Lime				
8187	8445	258	Dolo				
8445	9833	1388	Shale & Sand				
9833	10341	508	Dolo, Shale & Lime				
10341	11344	1003	Shale				
11344	14547	3203	Lime & Shale				
14547	14582	35	Lime & Dolo				

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Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State ☐	Free ☒
5. State Oil & Gas Lease No.		

TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

TYPE OF COMPLETION

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

Name of Operator

Skelly Oil Company

Address of Operator

P. O. Box 1351, Midland, Texas 79701

Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

E. L. Richardson

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated McDonald Per

IT LETTER 0 LOCATED 1980 FEET FROM THE East LINE AND 660 FEET FROM

South LINE OF SEC. 33 TWP. 13S RGE. 36E NMPM

12. County

Lea

Date Spudded April 14, 1972 16. Date T.D. Reached May 16, 1972 17. Date Compl. (Ready to Prod.) May 25, 1972 18. Elevations (DF, RKB, RT, GR, etc.) 3965' D. F. 19. Elev. Casinghead

Total Depth 11,385' 21. Plug Back T.D. 10,416' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-11,385' Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

10,300-10,309' (Bough "A")

Type Electric and Other Logs Run

Acoustilog with Caliper and Gamma Ray; Dual Drill Stem Tests No.1 and 2; Induction Focused Log with SP; Dip Log; Gamma

27. Was Well Cored

No

CASING RECORD (Report all strings set in well) Ray Collar Log.

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5 & 61#	422'	17-1/2"	450 sacks	None
8-5/8"	32#	4580'	11"	1825 sacks	None
5-1/2"	20 & 17#	10,505'	7-7/8"	400 sacks	None
					Total @ 8540

LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	10,219'	10,219'

Perforation Record (Interval, size and number)

10,300-10,309'; two 3/8" holes per foot (9'; 18 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,300-10,309'	750 gals. 15% MBA acid
10,300-10,309'	500 gals. 15% NE acid and 1500 gals. 15% RA-1 Acid
10,300-10,309'	5,000 gals. 15% RA-1 acid; 250 gals. gelled water; 5 ball sea

PRODUCTION

First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)			
May 25, 1972	Flowing				Producing			
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
July 9, 1972	24	32/64"		26	89	1	3243:1	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)		
50#	0#		26	89	1	38.8°		

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

Vented (will be sold)

List of Attachments

Summary of Drill Stem Tests; Dual Induction Focused Log; BHC Acoustilog; Gammatron Depth Contr

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.

Log

SIGNED J. R. Avent TITLE Dist. Admin. Coordinator DATE July 12, 1972

Summary of Drill Stem Tests;

Drill Stem Test #1: 10,260-10,300' (Bough "A"). 5/8" BHC, 1/4" THC.

Opened tool at 8:25 a.m. 5-8-72 for 10-minute preflow; had blow immediately with strong blow throughout flow, gas to surface in 22 minutes; shut in 1 hour; opened 1 hour on final flow, had blow immediately with strong blow throughout test. Last 20 minutes measured 74 MCFGPD. Recovered 1300' of oil (16 barrels), 40.9 gravity at 60° F. plus 30' of gas- and oil-cut mud. Pressures: 10-min. IFP 131#; 1-hour ISIP 3461#; FFP 310#; 2-hour FSIP 3346# IH 5254#; FH 4960#. In sample chamber recovered 525 cc's of oil, 1.56 cu. ft. gas; did not get pressure; plugged off with shale.

Drill Stem Test #2: 10,510-10,532' (Cisco Canyon). 5/8" BHC and

1/2" THC. Opened Tool at 6:20 a.m. 5-11-72 for 10-minute pre-flow; had immediate blow, good throughout test; shut in 1 hour; opened one hour on final flow, had good blow immediately with strong blow throughout test. No gas to surface. Recovered 1000' (14 bbls.) of fresh water blanket; 2450' (31 bbls.) sulphur water, trace of oil, no mud, no gas. Pulled out of hole with test tools. Pressures: 10-minute IFP from 0-580#; 1-hour ISIP 580-4115#; FFP 580-1332#; 2-hour FSIP 1332-4115#; IH 4976#, FH 4993#. In sample chamber had 100# pressure, no cc's oil, 2560 cc's water with 3000 ppm chlorides.

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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 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 2130'	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 3090'	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 4544'	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta 6112'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Rough "B" 10,343'
T. Blinberry	T. Gr. Wash	T. Morrison	T. Rough "C" 10,380'
T. Tubb 7490'	T. Granite	T. Todilto	T. Cisco 10,540'
T. Drinkard	T. Delaware Sand	T. Entrada	T. Canyon 11,293'
T. Abo 8204'	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 9745'	T. Clear Fork 6826'	T. Chinle	T.
T. Penn.	T. Hueco 9984'	T. Permian	T.
T. Cisco (Rough C)	T. Rough "A" 10,300'	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1872	1872	Sand and Redbeds				
1872'	2493	621	Anhydrite and Salt				
2493'	3172	679	Salt				
3172'	3397	225	Anhydrite, Gyp and Salt				
3397'	3810	413	Anhydrite and Salt				
3810'	4205	395	Anhydrite and Gyp				
4205'	4580	375	Anhydrite and Lime				
4580'	8553	3973	Lime				
8553'	8717	164	Lime and Abo				
8717'	8940	223	Lime and Shale				
8940'	10,166	1226	Lime				
10,166'	10,468	302	Lime and Shale				
10,468'	10,530	62	Lime				
10,530'	10,714	184	Lime and Shale				
10,714'	11,385	671	Lime				

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