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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 <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
<b>OG-4779</b>	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		--	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>Hobbs "P"</b>	

2. Name of Operator		9. Well No.	
<b>Skelly Oil Company</b>		<b>2</b>	
3. Address of Operator		10. Field and Pool, or Wildcat	
<b>P. O. Box 1351, Midland, Texas 79701</b>		<b>Undesignated E. Saunders-Perno Penn.</b>	

4. Location of Well		12. County	
UNIT LETTER <b>I</b> LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>20</b> TWP. <b>14S</b> RGE. <b>34E</b> NMPM		<b>Lea</b>	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<b>4-6-70</b>	<b>5-4-70</b>	<b>--</b>	<b>4146' DF</b>	<b>4147'</b>

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
<b>10,515'</b>	<b>10,495'</b>	<b>--</b>	<b>0-10,515'</b>		<b>--</b>

24. Producing Interval(s), of this completion — Top, Bottom, Name	25. Was Directional Survey Made
<b>Dry Hole</b>	<b>No</b>

26. Type Electric and Other Logs Run	27. Was Well Cored
<b>Schlumberger sidewall neutron porosity and laterolog; Atlas perforating collar log</b>	<b>No</b>

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>13-3/8" OD</b>	<b>48#</b>	<b>391'</b>	<b>17-1/2"</b>	<b>400 sacks regular</b>	<b>None</b>
<b>8-5/8" OD</b>	<b>32,24#</b>	<b>4280'</b>	<b>11"</b>	<b>1100 sacks</b>	<b>None</b>
<b>5-1/2" OD</b>	<b>17#</b>	<b>10,515'</b>	<b>7-7/8"</b>	<b>300 sacks</b>	<b>265 jts.(8532')</b>

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<b>10,425-10,431'</b>	<b>500 gals. BDA acid</b>
	<b>10,425-10,431'</b>	<b>4000 gals. 28% Super "X" HCL acid</b>
	<b>10,425-10,476'</b>	<b>125 sacks cement</b>
<b>Perforated 5-1/2" 10,425-10,431' with 12 shots</b>	<b>10,416-10,420'</b>	<b>500 gal. "BDA" acid</b>
<b>Perforated 5-1/2" 10,455-10,476' with 9 shots</b>		
<b>Perforated 5-1/2" 10,416-10,420' with 8 shots</b>		

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping — Size and type pump)				Well Status (Prod. or Shut-in)	
<b>5-11-70</b>		<b>Flowing</b>				<b>Shut-in</b>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
<b>5-21-70</b>	<b>24</b>	<b>--</b>	<b>1</b>	<b>1</b>	<b>-0-</b>	<b>30</b>	<b>-0-</b>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	
<b>--</b>	<b>--</b>	<b>1</b>	<b>1</b>	<b>-0-</b>	<b>30</b>	<b>--</b>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By

35. List of Attachments
<b>Drill stem tests, deviation affidavit, Schlumberger sidewall neutron porosity and laterolog.</b>

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
(Signed) <b>J. R. Avent</b> <b>J. R. Avent</b>	<b>Dist. Adm. Coordinator</b>	<b>June 24, 1970</b>

## 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	1865'	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	2898'	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	4373'	T. Montoya	T. Mancos	T. McCracken
T. San Andres	5942'	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. <del>Padock</del> <del>Charlek</del> 6682'		T. Ellenburger	T. Dakota	T.
T. Blinberry	7357'	T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todilto	T.
T. Drinkard	8077'	T. Delaware Sand	T. Entrada	T.
T. Abo		T. Bone Springs	T. Wingate	T.
T. Wolfcamp		Hueco of West 9809'	T. Chinle	T.
T. Penn.		Hueco of East 9862'	T. Permian	T.
T. Cisco (Bough C)		Bough "A" 10,392'	T. Penn. "A"	T.
		T. Bough "B" 10,445'		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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HOBBS "P" #2

DRILL STEM TESTS

DRILL STEM TEST NO. 1: 10,400' - 10,500'

Packer failed, no test. Pulled out of hole. Reran test tool.

DRILL STEM TEST NO. 2: 10,383' - 10,500' (WOLFCAMP-BOUGH "A" AND "B" ZONES)

5/8" bottom hole choke, 1/2" top hole choke. Tool open 20 minutes on preflow. Open with good blow, gas to surface in 7 minutes, tested 281 MCFPD. Closed tool 1 hour. Opened tool 2 hours, no fluid to surface. Closed tool for final build-up. Gas measured 22 MCF at end of 2 hours. Tool closed 2 hours, reversed out 360' oil and gas-cut mud, 1440' oil and 1008' salt water. Pulled tool. 20 minute IFP 692#, 20 minute FFP 923#, 1 hour ISIP 2283#, 2 hour IFP 923#, 2 hour FFP 1650#, 2 hour FSIP 1786#, Temperature 156°. Hydrostatic in 5094#, out 5050#.

DEVIATION AFFIDAVIT  
Date June 24, 1970

New Mexico Oil Conservation Commission

P. O. Box 1980

Hobbs, New Mexico 88240

State of New Mexico

County of Lea

J. R. Avent, of lawful age, being first duly sworn deposes and says:

That he is employed by Skelly Oil Company in the capacity of Dist. Adm. Coordinator and is fully acquainted with the facts as set forth herein.

That during the months of April and May 19 70, Hondo Drilling Co. ran the following Deviation Surveys for Skelly Oil Company on their Hobbs "P" Well No. 2, in NE 1/4 of SE 1/4 of Sec. 20-14S-34E, NMPM, Saunders-Permo Penn. Undesignated East Pool, Lea County, New Mexico.

SLOPE TEST DATA

<u>Depth In</u>	<u>Angle in Degrees</u>	<u>Depth In</u>	<u>Angle in Degrees</u>
400'	1/4	5723'	1-1/4
819'	1/2	5880'	1-1/4
1291'	3/4	6258'	2
1905'	1/2	6647'	2
2400'	1/2	7119'	2
2697'	1/2	7621'	1-3/4
3195'	1/2	7997'	1-3/4
3434'	1-1/4	8261'	1-1/4
3824'	1-1/4	8836'	1-1/4
3947'	3/4	9286'	1-1/4
4280'	1/4	9629'	1-1/4
4978'	1-1/4	10,006'	1
5369'	1-1/4		

Subscribed and sworn to before me this 24th

day of June, 19 70.

J. R. Stephens J. R. Stephens

Notary Public in and for said County and State

My commission expires: June 1, 1971

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

J. R. Avent J. R. Avent  
Name

District Administrative Coordinator  
Position

P. O. Box 1351, Midland, Texas 79701  
Address