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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>K-1369</b>	

1a. TYPE OF WELL		OIL WELL <input type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>							
b. TYPE OF COMPLETION		NEW WELL <input checked="" 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"/>			
2. Name of Operator										7. Unit Agreement Name					
<b>Skelly Oil Company</b>										---					
3. Address of Operator										8. Farm or Lease Name					
<b>P. O. Box 1351, Midland, Texas 79701</b>										<b>Chaveroo Bough "C"</b>					
4. Location of Well										9. Well No.					
										<b>1</b>					
10. Field and Pool, or Wildcat										12. County					
<b>Wildcat</b>										<b>Roosevelt</b>					
UNIT LETTER <b>C</b> LOCATED <b>990</b> FEET FROM THE <b>North</b> LINE AND <b>1650</b> FEET FROM															
THE <b>West</b> LINE OF SEC. <b>35</b> TWP. <b>7S</b> RGE. <b>33E</b> NMPM															
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>10-14-71</b>		<b>12-7-71</b>		---		<b>4372' GR</b>		---							
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools		Cable Tools					
<b>10,020'</b>		<b>Surface</b>		---		<b>0' - 10,020'</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 Laterolog and Borehole Compensated Sonic-Gamma Ray 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>54.5#</b>		<b>400'</b>		<b>17-1/2"</b>		<b>400 sacks</b>		<b>None</b>					
<b>8-5/8" OD</b>		<b>32#</b>		<b>4500'</b>		<b>12-1/4" &amp; 11"</b>		<b>800 sacks</b>		<b>None</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.					
<b>None</b>										DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
33. PRODUCTION															
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)							
<b>None</b>		<b>None</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>→</b>									
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF		Water - Bbl.		Oil Gravity - API (Corr.)			
				<b>→</b>											
34. Disposition of Gas (Sold, used for fuel, vented, etc.)										Test Witnessed By					
35. List of Attachments <b>Summary of Drill Stem Tests, Deviation Affidavit, Borehole Compensated Sonic-Gamma Ray Log 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		(Signed) D. R. Crow						TITLE		Lead Clerk		DATE		Dec. 16, 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 <u>1803'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1885'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2292'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2952'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
<del>T. Grayburg</del> <u>Penrose 3068'</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3443'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>4772'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	<u>Canyon 9008'</u>
<del>T. Grimbey</del> <u>Clearfork 5530'</u>	T. Gr. Wash _____	T. Morrison _____	<u>Strawn 9225'</u>
T. Tubb <u>6285'</u>	T. Granite _____	T. Todilto _____	<u>Atoka 9498'</u>
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	<u>Miss. Lime 9989'</u>
T. Abo <u>7135'</u>	T. Bone Springs _____	T. Wingate _____	_____
<del>T. Wolfcamp</del> <u>Hueco 8147'</u>	T. Bough "A" <u>8619'</u>	T. Chinle _____	_____
T. Penn. _____	T. "B" <u>8646'</u>	T. Permian _____	_____
T. Cisco (Bough C) _____	T. "C" <u>8682'</u>	T. Penn. <u>8780'</u>	_____
	T. "D" <u>8719'</u>		_____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1803'	1803'	Sand and red beds				
1803'	1885'	82'	Anhydrite				
1885'	2292'	407'	Salt				
2292'	2952'	660'	Yates				
2952'	3068'	116'	Queen				
3068'	3443'	375'	Penrose				
3443'	4772'	1329'	San Andres				
4772'	5530'	758'	Glorieta				
5530'	6285'	755'	Clearfork				
6285'	7135'	850'	Tubb				
7135'	8147'	1012'	Abo				
8147'	8619'	472'	Hueco				
8619'	8646'	27'	Bough "A"				
8646'	8682'	36'	Bough "B"				
8682'	8719'	37'	Bough "C"				
8719'	8780'	61'	Bough "D"				
8780'	9008'	228'	Penn.				
9008'	9225'	217'	Canyon				
9225'	9498'	273'	Strawn				
9498'	9989'	491'	Atoka				
9989'	10020'	31'	Miss. Lime				

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C.L. CONSERVATION COM.  
HOBBS, N.M.

## Summary of Drill Stem Tests

### Chaveroo Bough "C" No. 1

#### DRILL STEM TEST NO. 1: 8671-8695'

Bough "B" - 3/4" bottom hole choke, 1" top hole choke. Tool open 15 minutes on preflow, immediate air blow increased from fair to good; 60-minute ISIP 1611-2799#; 60-minute FFP 1611-2711#, good air blow decreased to weak blow; 120-minute FSIP 2711#. Hydrostatic in 4804#, out 4440#. Pulled drill pipe and recovered 1700' gas in drill pipe, 4490' slightly gas-cut salt water, 210' drilling mud, no oil. Pulled out of hole. In sample chamber recovered .1 cubic feet of gas, 1700 cc salt water, 400 cc drilling mud. Bottom hole temperature 138°.

#### DRILL STEM TEST NO. 2: 8709-8735'

Bough "C" - 3/4" bottom hole choke, 1" top hole choke. Tool open 20 minutes on preflow, slight to weak air blow to surface in 20 minutes, IFP 46#; 60-minute ISIP 230#; 60-minute FFP 46# with slight air blow to no blow in 5 minutes; 120-minute FSIP 92#. Hydrostatic in 4718#, out 4622#. Recovered 60' drilling mud, no show of oil or gas. In sample chamber recovered 1200 cc mud.

#### DRILL STEM TEST NO. 3: 8737-8810'

Bough "D" - 3/4" bottom hole choke, 1" top hole choke. 15-minute preflow 115#, weak air blow immediately and continued throughout 15 minutes; 1 hr. ISIP 2981#; 1 hr. FFP 138#, weak air blow immediately, died in 10 minutes; 2-hr. FSIP 3004#. Pulled out of hole and recovered 90' of drilling mud, no shows. In sample chamber recovered 1450 cc drilling mud. Hydrostatic in 4447#, out 4424#, bottom hole temperature 140°.

#### DRILL STEM TEST NO. 4: 8930-8952'

Cisco - 3/4" bottom hole choke, 1" top hole choke. 15-minute preflow 46#, weak air blow immediately, and continued throughout 15 minutes. 1-hr. ISIP 3301#; 1-hr. FFP 46#, no air blow; 2-hr. FSIP 2922#. Pulled out of hole and recovered 70' drilling mud, no shows. In sample chamber recovered 1200 cc drilling mud. Hydrostatic in 4713#, out 4668#, bottom hole temperature 140°.

#### DRILL STEM TEST NO. 5: 9560-9680'

Atoka - 3/4" bottom hole choke, 1" top hole choke. 20-min. preflow 46# with weak air blow; 1-hr. ISIP 92#; 1-hr. FFP 46# with no air blow; 2-hr. FSIP 92#; hydrostatic in 4986#, hydrostatic out 4940#. Recovered 40' drilling mud. In sample chamber recovered 1400 cc drilling mud. Bottom hole temperature 142°.

#### DRILL STEM TEST NO. 6: -9684-9800'

Atoka - 3/4" bottom hole choke, 1" top hole choke. 20-min. preflow 385# with very weak to no air blow in 18 minutes; 1-hr. ISIP 2559#; 1-hr. FFP 428# with very weak to no air blow in 10 minutes; 2-hr. FSIP 2665#, hydrostatic in 5042#, hydrostatic out 5021#. Recovered 320' drilling mud. In sample chamber recovered 1450 cc drilling mud, no shows. Bottom hole temperature 146°.

DEVIATION AFFIDAVIT  
Date December 16, 1971

New Mexico Oil Conservation Commission

P. O. Box 1980

Hobbs, New Mexico 88240

State of New Mexico

County of Roosevelt

D. R. Crow, of lawful age, being first duly sworn deposes and says:

That he is employed by Skelly Oil Company in the capacity of Lead Clerk

and is fully acquainted with the facts as set forth herein.

That during the months of Oct., Nov., and Dec. 1971, Hondo Drilling Company  
ran the following Deviation Surveys for Skelly Oil Company on their Chaveroo Bough "C"  
Well No. 1, in NE 1/4 of NW 1/4 of Sec. 35-7S-33E, NMPM, Wildcat  
Pool, Roosevelt 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	5779'	3/4
900'	3/4	6265'	3/4
1300'	1	6725'	3/4
1750'	3/4	7093'	1/2
2200'	3/4	7591'	1/2
2700'	3/4	7804'	1/2
3200'	1-1/2	7984'	1/2
3540'	3/4	8245'	1/2
3865'	1	8952'	1-1/4
4339'	3/4	9680'	1/2
4500'	3/4	9800'	3
4746'	1/2	10,020'	1
5261'	1/2		

Subscribed and sworn to before me this 16th  
day of December, 19 71.

C. C. Boen C. C. Boen

Notary Public in and for said County and State

My commission expires: 6-1-73

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

D. R. Crow  
Name

Lead Clerk  
Position

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