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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

JAN 8 1974

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
05229	

1a. TYPE OF WELL		OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		DRY <input type="checkbox"/>		OTHER <input type="checkbox"/>		7. Unit Agreement Name	
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"/>	
2. Name of Operator		Skelly Oil Company ✓		3. Address of Operator		P. O. Box 1351, Midland, Texas 79701		4. Location of Well		7. Unit Agreement Name	
UNIT LETTER J		LOCATED 1980		FEET FROM THE		South		1980		8. Farm or Lease Name	
THE East		LINE OF SEC. 16		TWP. 23S		RGE. 30E		NMPM		Forty Niner Ridge Unit	
15. Date Spudded		8-8-73		16. Date T.D. Reached		11-10-73		17. Date Compl. (Ready to Prod.)		12-6-73	
18. Elevations (DF, RKB, RT, GR, etc.)		3170.6 GR		19. Elev. Casinghead		---		10. Field and Pool, or Wildcat		Wildcat	
20. Total Depth		14,519'		21. Plug Back T.D.		14,325'		22. If Multiple Compl., How Many		Single	
23. Intervals Drilled By		Rotary Tools		0-14,519'		Cable Tools		---		12. County	
24. Producing Interval(s), of this completion -- Top, Bottom, Name		13,914-14,187' Morrow		25. Was Directional Survey Made		No		26. Type Electric and Other Logs Run		Dual Laterolog, Gamma Ray Compensated Formation Density, Compensated Density, Sidewall Neutron, Comp. Acoustic Velocity,	
27. Was Well Cored		No		28. FORXO, Guard, Induction CASING RECORD (Report all strings set in well)				29. LINER RECORD		30. TUBING RECORD	
Casing Size		Weight LB./FT.		Depth Set		Hole Size		Cementing Record		Amount Pulled	
20" OD		94#		795'		26"		3540 sacks		None	
13-3/8" OD		54.5#, 61#, 68#, 72#		3574'		17-1/2"		3400 sacks		None	
9-5/8" OD		53.5#		11,340'		12-1/4"		3075 sacks		None	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	
7-3/4" OD		11,125'		14,507'		750		---		2-7/8"	
31. Perforation Record (Interval, size and number)		13,914-13,942', 14,012-14,022', 14,029-14,040', and 14,059-14,061'-.24" shots, two per ft. (102 shots).		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
14,149-14,172' and 14,178-14,187'-.42" shots, 4 per ft. (128 shots) 14,383-14,392'-.42" shots-4 per ft. (36 shots) Perfs 14,383-14,392'				14,149-14,187'		3000 gals. 7-1/2% MS acid.		13,914-14,187'		6000 gals. 7-1/2% MS acid, 1000 gals. gelled brine water, 550# benzoic acid flakes. All fluids	
33. sealed off with bridge plug.		PRODUCTION contained 1000 SCF nitrogen per bbl.		Date First Production		12-6-73		Production Method (Flowing, gas lift, pumping -- Size and type pump)		Flowing	
Date of Test		12-19-73		Hours Tested		1		Choke Size		18/64"	
Flow Tubing Press.		2210-1603#		Casing Pressure		packer		Calculated 24-Hour Rate		0	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Shut-in. Waiting on pipeline connection.		Test Witnessed By		---		35. List of Attachments		Summary of Drill Stem Tests and 1 copy of Dual Laterolog, Gamma Ray Compensated Formation Density, Comp. Density, Sidewall Neutron, Comp. Acoustic Velocity, FORXO, Guard,	
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.		& Induction.		SIGNED		J. R. Avent		TITLE		Dist. Admin. Coordinator	
DATE		1-2-74									

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

T. Anhy	1000'	T. Canyon	
T. Salt		T. Strawn	12,588'
B. Salt	3340'	T. Atoka	12,848'
T. Yates		T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinberry		T. Gr. Wash	
T. Tubb		T. Granite	3626'
T. Drinkard		T. Delaware Sand	7380'
T. Abo		T. Bone Springs	13,554'
T. Wolfcamp	10,350'	T. Morrow	14,450'
T. Penn.		T. Base Morrow	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo		T. Penn. "B"	
T. Kirtland-Fruitland		T. Penn. "C"	
T. Pictured Cliffs		T. Penn. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Qtzite	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		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	654	654	Surface Soil	6270'	6863	593	Sand and Shale
654	717	63	Redbed	6863	6938	75	Lime
717	1257	540	Anhydrite and Salt	6938	7345	407	Shale and Sand
1257	1430	173	Anhydrite	7345	7658	313	Lime and Shale
1430	2190	760	Anhydrite and Salt	7658	7854	196	Lime
2190	2267	77	Anhydrite	7854	8294	440	Lime and Shale
2267	2586	319	Lime	8294	8480	186	Sand and Shale
2586	2860	274	Lime and Sand	8480	8649	169	Shale, Sand and Lime
2860	3028	168	Lime	8649	8949	300	Sand and Shale
3028	3210	182	Lime, Sand and Salt	8949	9357	408	Lime and Shale
3210	3450	240	Anhydrite and Salt	9357	9431	74	Sand, Lime and Shale
3450	3530	80	Lime	9431	9552	121	Lime and Shale
3530	3575	45	Anhydrite	9552	10080	528	Sand, Lime and Shale
3575	5185	1610	Lime and Sand	10080	10247	167	Shale and Lime
5185	5256	71	Lime	10247	10327	80	Lime, Shale and Chert
5256	5446	190	Sand	10327	10526	199	Sand and Lime
5446	5542	96	Lime and Sand	10526	10601	75	Sand, Lime and Shale
5542	5691	149	Sand and Shale	10601	10733	132	Lime and Sand
5691	6032	341	Sand and Lime	10733	10873	140	Lime and Shale
6032	6200	168	Sand and Dolomite	10873	10956	83	Sand and Shale
6200	6270	70	Sand and Lime	10956	11340	384	Lime and Shale
				11340	11390	50	Lime
				11390	11564	174	Lime and Shale
				11564	11729	165	Lime

From	To	Thickness In Feet	Formation	From	To	Thick- ness In Feet	Formation
11729	12267	538	Lime and Shale				
12267	12567	300	Shale				
12567	12679	112	Shale and Lime				
12679	12804	125	Lime				
12804	12877	73	Lime and Shale				
12877	12939	62	Lime				
12939	12955	16	Shale and Lime				
12955	12995	40	Lime				
12995	13013	18	Shale and Lime				
13013	13076	63	Lime				
13076	13125	49	Lime and Shale				
13125	13183	58	Lime				
13183	13241	58	Lime and Shale				
13241	13315	74	Lime				
13315	13361	46	Lime and Shale				
13361	13371	10	Lime				
13371	13703	332	Lime and Shale				
13703	13779	76	Sand and Lime				
13779	13802	23	Lime, Sand and Shale				
13802	13869	67	Lime and Shale				
13869	13915	46	Lime, Sand and Shale				
13915	14059	144	Lime and Shale				
14059	14506	447	Sand and Shale				
14506	14519	13	Lime and Shale				

Well No. 1 (Continued)
Formation

Drill Stem Test No. 1: 4380-4479' (Delaware Sand)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, good blow throughout test. Shut in 1 hour. Opened 1 hour, fair blow throughout test. Shut in 2 hours. Pulled test tools. Recovered 2700' of gas, 330' (4.1 bbls.) of 41.1° gravity oil, and 1350' (19.5 bbls.) of formation water. In sample chamber, recovered 6 cu. ft. of gas, 450 cc of oil, and 1380 cc of formation water @ 800#. HP 2097-2110#, IFP 137-334#, ISIP 334-2023#, FFP 359-828#, FSIP 828-2017#. BHT 105°.

Drill Stem Test No. 2: 5196-5256' (Delaware Sand)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, weak blow immediately and continued throughout test. Shut in 1 hour. Opened 1 hour, weak blow throughout test. Shut in 2 hours. Pulled test tools. Recovered 140' (1/2 bbl.) of drilling fluid, no shows of oil or gas. In sample chamber, recovered 2450 cc of drilling fluid, no pressure, no shows. HP 2456-2456#, IFP 91-104#, ISIP 104-2073#, FFP 117-130#, FSIP 130-2111#. BHT 113°.

Drill Stem Test No. 3: 5408-5512' (Cherry Canyon)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, weak to good blow of air. Shut in 1 hour. Opened 1 hour, good to fair blow of air, no gas or fluid to surface. Shut in 2 hours. Pulled test tools. Recovered 4989' of gas, 90' (1 bbl.) of 37.5° gravity oil, and 335' (4 bbls.) of drilling fluid. In sample chamber, recovered 3 cu. ft. of gas, 100 cc of oil, and 1660 cc of drilling fluid @ 100#. HP 2559-2559#, IFP 156-156#, ISIP 156-2162#, FFP 158-166#, FSIP 166-2239#. BHT 113°.

Drill Stem Test No. 4: 7559-7607' (Bone Springs)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, good blow of air immediately, increasing to very good. Shut in 1 hour. Opened 1 hour, strong blow of air immediately, no gas or fluid to surface. Shut in 2 hours. Pulled test tools. Recovered 5625' of gas, 40' (10 gallons) of 37.6° gravity oil, and 100' (25 gallons) of drilling fluid. In sample chamber, recovered 4.4 cu. ft. of gas, 30 cc of oil, no water @ 500#. HP 3469-3482#, IFP 75-75#, ISIP 75-655#, FFP 62-75#, FSIP 75-1153#. BHT 163°.

Drill Stem Test No. 5: 9332-9431' (Bone Springs)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, fair to good blow of air. Shut in 1 hour. Opened 1 hour, good to weak blow of air. Shut in 2 hours. Pulled test tools. Recovered 5' of 42.3° gravity oil, 85' of drilling fluid. In sample chamber, recovered .05 cu. ft. of gas, 1040 cc of oil, 460 cc of drilling fluid, no pressure. HP 4240-4240#, IFP 158-158#, ISIP 158-222#, FFP 120-120#, FSIP 120-388#. BHT 140°.

Drill Stem Test No. 6: 10,670-10,733' (Wolfcamp)

1/2" THC, 5/8" BHC. Opened tool 15 minutes, good to strong blow of air. Shut in 1 hour. Opened 1 hour, good to weak blow of air, no gas or fluid to surface. Shut in 2 hours. Pulled test tools. Recovered 4710' of gas, 240' (5.3 bbls.) of drilling fluid, no oil. In sample chamber, recovered .66 cu. ft. of gas, no oil, 40 cc of drilling fluid @ 75#. HP 5278-5253#, IFP 132-156#, ISIP 156-580#, FFP 132-194#, FSIP 194-1353#. BHT 158°.

Drill Stem Test No. 7: 13,870-13,915' (Morrow)

Loaded hole with 3000' of fresh water blanket. Packers failed immediately. Recovered water blanket. Pulled tools and conditioned hole.

Drill Stem Test No. 8: 13,880-13,915' (Morrow)

1/8" THC, 3/4" BHC. Loaded hole with 3000' of fresh water blanket. Opened tool 15 minutes, very weak blow throughout test. Shut in 1 hour. Opened 1 hour, very weak blow, died in 3 minutes. Shut in 2 hours. Pulled test tools. Recovered 3000' of gas cut fresh water blanket and 90' of gas cut drilling fluid. In sample chamber, 2200 cc gas cut drilling fluid, and 1/2 cu. ft. of gas @ 50#. HP 8821-8723#, IFP 1533-1632#, ISIP 1632-4029#, FFP 1632-1599#, FSIP 1599-2918#. BHT 180°.