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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 ☐	Fee ☒
5. State Oil & Gas Lease No.	
Fee	

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		NONE	
2. Name of Operator				8. Farm or Lease Name	
TEXACO Inc.				W. L. Nix	
3. Address of Operator				9. Well No.	
P. O. Box 728 - Hobbs, New Mexico				4	
4. Location of Well				10. Field and Pool, or Wildcat	
UNIT LETTER <u>B</u> LOCATED <u>2310</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM				Drinkard	
THE <u>North</u> LINE OF SEC. <u>20</u> TWP. <u>22-S</u> RGE. <u>38-E</u> NMPM				12. County	
				Lea	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
May 12, 1965		June 7, 1965		June 13, 1965	
				18. Elevations (DF, RKB, RT, GR, etc.)	
				3394' (D. F.)	
20. Total Depth		21. Plug Back T.D.		19. Elev. Casinghead	
7275'		7264'		3384'	
		22. If Multiple Compl., How Many		23. Intervals Drilled By	
		ONE		Rotary Tools	
				7275'	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
Perforate 2 7/8" O. D. Casing one jet shot at 7024', 7047', 7072', 7077', 7095', 7117', 7125', 7134', 7145', 7155', 7188', & 7200'.				YES	
26. Type Electric and Other Logs Run				27. Was Well Cored	
Gamma Ray Acoustilog, Gamma Ray Neutron, and Density Log.				YES	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET	
8 5/8"		17.28		1399'	
2 7/8"		6.50		7270'	
				HOLE SIZE	
				11"	
				CEMENTING RECORD	
				530 Sx.	
				750 Sx.	
				AMOUNT PULLED	
				NONE	
				NONE	
29. LINER RECORD					
SIZE		TOP		BOTTOM	
NONE				SACKS CEMENT	
				SCREEN	
				30. TUBING RECORD	
				SIZE	
				DEPTH SET	
				PACKER SET	
31. Perforation Record (Interval, size and number)					
Perforate 2 7/8" O. D. Casing with one jet shot at 7024', 7047', 7072', 7077', 7095', 7117', 7125', 7134', 7145', 7155', 7188', and 7200'.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED		
7024' to 7200'			500 gals acetic acid. 15000		
			gals 15% NE acid in 5 stages		
			with 3 ball sealers between stages.		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)
June 10, 1965		Flow			Producing
Date of Test		Hours Tested		Choke Size	
June 13, 1965		8 1/2		24/64"	
Flow Tubing Press.		Casing Pressure		Prod'n. For Test Period	
180		-		Oil - Bbl.	
				80	
				Gas - MCF	
				88	
				Water - Bbl.	
				5	
				Gas - Oil Ratio	
				1100	
		Calculated 24-Hour Rate		Oil - Bbl.	
				225	
				Gas - MCF	
				247.5	
				Water - Bbl.	
				14	
				Oil Gravity - API (Corr.)	
				40.8	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By
Sold - Skelly Oil Company					E. L. Callerman
35. List of Attachments					
Attachments for Coring. (ONE)					
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	
H. D. Raymond		Assistant District Superintendent		June 15, 1965	

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

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	1393'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1477'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2637'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2770'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3616'	T. Devonian	T. Menefee	T. Madison
T. Queen	3616'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	4228'	T. Montoya	T. Mancos	T. McCracken
T. San Andres	5390'	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	5390'	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	5797'	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	6343'	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	6630'	T. Granite	T. Todillo	T. T.
T. Drinkard	6630'	T. Delaware Sand	T. Entrada	T. T.
T. Abo		T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp		T. T.	T. Chinle	T. T.
T. Penn.		T. T.	T. Permian	T. T.
T. Cisco (Bough C)		T. T.	T. Penn. "A"	T. T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	321	321	Caliche				
321	420	420	Redbed				
421	1393	652	Redbed & Sand				
1393	1477	84	Anhy				
1477	2637	1160	Salt				
2637	3340	703	Anhy & Salt				
3340	4210	870	Anhy & Lime				
4210	5492	1282	Lime				
5492	6130	638	Lime & Dolo				
6130	6848	718	Lime & Sand				
6848	7275	427	Lime, Sand & Shale				
Total Depth	7275						
PBTD	7264						
All measurements	from rotary table or 11'						
above ground level.							
Estimate Number	5156						
6 - NMOCC	- Hobbs, New Mexico						
1 - Mr. G. M. Cone, P. O. Box 11148 - Lovington, New Mexico							
1 - Field							
1 - File							

W. L. NIX No. 4
Field Core Description
6900 - 7275'

Lithology - total core consisted of dark gray to black, very dense dolomite with occasional streaks of black shale and white to gray anhydrite

6900' -
6951'

Core #1 cut 51' Recovered 51'
16 hrs 26 min.
19 1/2 min/ft AVERAGE

6917-18 Very slight oil bleed

6928-29-30 Very slight oil bleed

6951' -
7002'

Core #2 cut 51' Recovered 51'
15 hrs. 30 min
6995' - one very slight oil seep 18 1/4 min/ft

7002' -
7053'

Core #3 cut 51' Recovered 49'

7008-10' slight water bleed 15 hrs 23 min

7017-18' Very slight oil bleed 18 min/ft.

7024-31 Very slight oil bleed (some vugs)

7030-35 fractures, no bleed

7041-44 slight oil bleed (Best this core)

7053' - Core #4 cut 47' Recovered 47'

7100' 7063'-65' good porosity, very slight bleed 22 hrs. 14 min

7076'-79' fair porosity, very little bleed 28 1/4 min/ft

7080-82' good porosity, very little bleed

7088-90' fair porosity, "

7095-97' good porosity, "

7100' - Core #5 cut 33' Recovered 30'

7133' whole core was crumbled

collected in 6 trays of approx. 5'-6' each

14 hrs. 10 min

① Approx. 7100'-05' nothing 19.7 min/ft

② 7105'-11' top ft. fractured, bottom 2 ft. frac. w/ slight porosity & slight bleed

③ 7111'-16' top ft. porous, bottom 2' porous

④ 7116'-22' middle 3' good porosity & good bleed

⑤ 7122'-27' top 6" porous, bottom ft. some bleed

⑥ 7127'-33' top 2' gas bleed, rest badly crumbled

7133' - Core #6 cut 32' Recovered 30'

7165' still crumbling 12 hrs. 22 min.

7134'-36' horiz. frac, slight bleed 23.2 min/ft.

7140-41' frac. horiz.

7145-48 frac. horiz & porosity

7151-56' porosity, some bleed, frac too

7158-61 horiz. frac

7165' - Core # 7 cut 45' Recovered 44'
7210' Hit first real good looking 16 hrs. 5 min.
PAY @ 7196' 2 1/2 min/ft
7166-67' frac, slight bleed
7177-78 "
7191 - one frac, gas bleed
7193 - Very slight bleed
7196-7200 Vert frac, good bleed
7205-09 porous, good bleed

7210 - Core # 8 cut 50' Recovered 50'
7260' 7210'-13' porosity, fair bleed
7226' horiz. frac 19 hrs. 53 min
7229'-30' horiz. frac 23 3/4 min/ft
7234 horiz frac
7249 horiz frac
7252 horiz frac, slight bleed
7256-58' porosity, fair bleed

7260' Core # 9 cut 15' Recovered 15'
7275' No porosity 5 hrs. 59 min.
No bleed 24 min/ft