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

Form O-105
Revised 11-1-68

5a. Indicate Type of Lease	
State ☒	Fee ☐
5b. State Oil & Gas Lease No.	
NM-878	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐ DRY ☐ OTHER Water Injection
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name
Central Vacuum Unit
8. Field or Lease Name
Central Vacuum Unit
9. Well No.
93
10. Field and Pool, or Wildcat
Vacuum Grayburg San Andres

2. Name of Operator	
TEXACO Inc.	
3. Address of Operator	
P. O. Box 728 - Hobbs, New Mexico 88240	
4. Location of Well	
UNIT LETTER M	LOCATED 10 FEET FROM THE South LINE AND 1136 FEET FROM THE West LINE OF SEC. 31 TWP. 17-S RGE. 35-E NMPM

11. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-31-79	4-19-79	5-2-79	3982' (GR)	3982'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rot. Intervals Drilled By
4800'	4770'		0-4800'	-0-
24. Producing Interval(s), of this completion - Top, bottom, Name				25. Was Directional Survey Made
4356-4706' Grayburg-San Andres				No
26. Type Electric and Other Logs Run				27. Was Well Cored
Gamma Ray-Compensated Neutron				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	360'	17-1/4"	400 SX.	-0-
9-5/8"	32.3#	1500'	12-1/4"	1050 SX.	-0-
7"	23#	2800'	8-3/4"	650 SX.	-0-
4-1/2"	10.5#	4800'	6-1/8"	800 SX.	-0-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4315'	4315'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
Perf. 4-1/2" csg w/2 JSPF @ 4356, 67, 75, 84, 93, 4400, 28, 35, 58, 4519, 31, 42, 50, 66, 4608, 26, 31, 42, 49, 55, 61, 72, 83, 94 & 4706'.	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4356-4706'</td> <td>12,500 gals. 15% NE Acid</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4356-4706'	12,500 gals. 15% NE Acid				
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4356-4706'	12,500 gals. 15% NE Acid								

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
WATER INJECTION WELL - NO POTENTIAL TEST							
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

35. List of Attachments
Well completed Shut-In Water Injection, 5-2-79.

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 *J. L. Schuff* TITLE **Asst. Dist. Supt.** DATE **5-3-79**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of horizontally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 1 through 4 shall be reported for each zone. The form is to be filed in quadruplicate except on state land where six copies are required. See Rule 11.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1446
T. Salt 1578
B. Salt 2650
T. Yates 2800
T. 7 Rivers
T. Queen 3720
T. Grayburg 4046
T. San Andres 4341
T. Glorieta
T. Paddock
T. Blinberry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp
T. Penn.
T. Cisco (Bough C)

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn. "A"
T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Qtzte
T. Granite

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

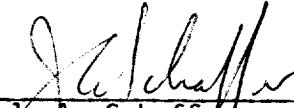
Include data on rate of water inflow and elevation to which water rose in hole.

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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	860	860	Red Bed				
360	1500	640	Anhydrite & Red Bed				
1500	2704	1204	Anhydrite & Salt				
2704	3922	1218	Anhydrite				
3922	4164	242	Anhydrite & Lime				
4164	4800	636	Lime				
	4800		Total Depth				
	4770		PBTD				
Water flow was encountered @: 1771' - 60 BWPH SIP 840#							

I, J. A. Schaffer, being of lawful age and being the Assistant District Superintendent for Texaco Inc., do state that the deviation record which appears on this form is true and correct to the best of my knowledge.


J. A. Schaffer

Subscribed and sworn to before me this the 3rd day of May, 1979.

My Commission Expires August 25, 1979.


Garviene Ragsdale
Notary Public in and for Lea County,
State of New Mexico

Lease Central Vacuum Unit Well No. 93

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
360'	1
835'	1
1500'	1
2018'	3/4
2800'	1
3058'	1
3555'	1-1/2
4050'	1-3/4
4453'	1-1/2
4800'	1-1/2