

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

Form C-105  
Revised 11-1-78

# 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-1713	

13. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Warn State A/C 3	
b. TYPE OF COMPLETION		9. Well No. 9	
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"/>		10. Field and Pool, or Wildcat Vacuum-Glorieta	
2. Name of Operator Marathon Oil Company			
3. Address of Operator P.O. Box 2409 Hobbs, NM 88240		12. County Lea	
4. Location of Well			

UNIT LETTER <u>H</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>580</u> FEET FROM			
THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>17S</u> RGE. <u>35E</u> NMPM			
15. Date Spudded 12-20-82	16. Date T.D. Reached 1-2-83	17. Date Compl. (Ready to Prod.) 3-20-83	18. Elevations (DF, RKB, RT, GR, etc.) 3950' KB, 3936' GR
19. Elev. Casinghead 3936			
20. Total Depth 6200'	21. Plug Back T.D. 6149'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0 - 6200'
24. Producing Interval(s), of this completion - Top, Bottom, Name 6080' top 6120' bottom Glorieta			25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run GR-DLL, GR-CNL-FDC, GR-CBL-CCL			27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.5	1514	12 1/4	710 sacks	None
5 1/2"	15.5	6195	8 3/4	2600 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	6167	

31. Perforation Record (Interval, size and number) 6086-6120 w/2 JSPF 69 holes 6086-6092, 6100-6102, 6104-6108, 6116-6120 w/1 JSPF 20 holes Total of 89 holes .5" in diameter		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED (PLEASE SEE ATTACHMENT)	
---	--	--	--

33. PRODUCTION							
Date First Production 2-25-83		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping; 2" x 1 1/2" x 20'				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-29-83	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 5	Gas - MCF 40	Water - Bbl. 14	Gas - Oil Ratio 8000
Flow Tubing Press. -	Casing Pressure 20	Calculated 24-Hour Rate →	Oil - Bbl. 5	Gas - MCF 40	Water - Bbl. 14	Oil Gravity - API (Corr.) 37	

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

35. List of Attachments GR-DLL, GR-CNL-FDC, GR-CBL-CCL logs and inclination survey
---

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 <u>Steven A. Pohler</u>	TITLE <u>Production Engineer</u>	DATE <u>3-30-83</u>

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ 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 _____ 1557 (+2393)	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1680 (+2270)	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ -	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2847 (+1103)	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ -	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3733 (+217)	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ -	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4400 (-450)	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5971 (-2021)	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, 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 \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300'	300	Surface rock				
300	1557	1257	Red bed				
1557	1680	123	Anhydrite				
1680	2700	1020	Salt				
2700	2980	280	Salt and Anhydrite				
2980	4140	1160	Dolomite and Anhydrite				
4140	4400	260	Dolomite and Limestone				
4400	6050	1650	Dolomite				
6050	6200	150	Limestone				
	(TD)						

RECEIVED  
 APR 1 1983  
 C.C.D.  
 HOBBS OFFICE

RECEIVED  
 APR 8 1983  
 C.C.D.  
 HOBBS OFFICE

## Item 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

<u>Depth Interval</u>	<u>Amount And Kind Material Used</u>
6086 - 6120	2500 gallons 15% DS-30 acid
1770 & 2670	300 sacks Class "C" squeeze
1770	500 sacks Class "C" squeeze
1770	800 sacks "C" & 600 sacks RFC squeeze
1564	200 sacks Class "C" squeeze
1538 & 1540	300 sacks "C" & 200 sacks RFC squeeze
1400	400 sacks "C" & 100 sacks RFC squeeze
1400	500 sacks "C" & 100 sacks RFC
6086 - 6120	2000 gallons 15% acid
6086 - 6120	3500 gallons 15% acid

RECEIVED

APR 8 1983

RECEIVED  
O.C.D.  
HOBBS OFFICE

APR 1 1983  
O.C.D.  
HOBBS OFFICE

## INCLINATION REPORT

OPERATOR Marathon Oil Company ADDRESS P.O. Box 2409 Hobbs, NM 88240  
 LEASE Warn State A/C 3 WELL NO. 9 FIELD Vacuum Glorieta  
 LOCATION Sec. 33, T17S, R35E Lea County, New Mexico

<u>Depth</u>	<u>Inclination (Degrees)</u>	<u>Displacement</u>	<u>Displacement Accumulated</u>
255'	1/2	2.22	2.22
1059	1	14.07	16.29
1515	3/4	5.97	22.26
2016	3/4	6.56	28.82
2514	3/4	6.52	35.34
3016	1 1/4	10.94	46.28
3514	1 1/2	13.05	59.33
3985	1 3/4	14.37	73.70
4305	1 3/4	9.76	83.46
4734	2	14.97	98.43
5045	2 1/4	12.22	110.65
5417	2	12.98	123.63
5885	2	16.33	139.96
6200	1 1/2	8.25	148.21

This is a corrected Inclination Report for the one that was notarized 2/28/83 which was approved by New Mexico Oil Conservation Division 3/2/83.

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

S. A. Pohler / S. A. Pohler  
 Title: Production Engineer

## Affidavit:

Before me, the undersigned authority, appeared S. A. Pohler known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Steven A. Pohler  
 (Affiant's Signature)

Sworn and subscribed to in my presence on this the 7<sup>th</sup> day of April 1983.

D. A. Cochran / D. A. Cochran  
 Notary Public in and for the County  
 of Lea, State of New Mexico

My Commission Expires 7-21-84