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

Form C-105
Revised 11-1-80

10. TYPE OF WELL				5a. Indicate Type of Lease			
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐				State ☐ Fed ☒			
11. TYPE OF COMPLETION				5. State Oil & Gas Lease No.			
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				6. Unit Agreement Name			
2. Name of Operator				8. Form or Lease Name			
Gulf Oil Corporation				H. T. Mattern (NCT-C)			
3. Address of Operator				9. Well No.			
P. O. Box 670, Hobbs, NM 88240				15			
4. Location of Well				10. Field and Pool, or Wildcat			
UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM				Drinkard			
THE <u>East</u> LINE OF SEC. <u>18</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPN				11. County			
				Lea			
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (D.F., RKB, RT, GR, etc.)	
12-9-81		1-7-82		2-2-82		3485' GL	
19. Elev. Casinghead		--					
20. Total Depth		21. Plug-back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By	
6810'		6780'		Single		Rotary Tools 0'-6810' Cable Tools --	
24. Producing Interval(s), of this completion - Top, bottom, Name							25. Was Directional Survey Made
6686'-6760' Drinkard							No
26. Type Electric and Other Logs Run							27. Was Well Cored
CNL, FDC, Dual LL							No
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	24#	1197'	12 1/2"	600 sx - circ			
5 1/2"	15.5#	6810'	7-7/8"	1200 sx - TSTOC 2425'			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-3/8"	6763'	--
31. Perforation (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2400' w/(4) 1/2" JH 120° (squeezed)				DEPTH INTERVAL			
6686-88', 6700-02', 6708-10', 6745-47' w/(2) 1/2" JHPF				6686'-6747'			
				AMOUNT AND KIND MATERIAL USED			
				38,000 gals gel wtr, 52,000# 20/40 sd, 2400 gals 15% HCL, (12) 7/8" RCNB's			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
2-17-82		Pump				Prod	
Date of Test	Hours Tested	Discharge	Pressure for Test Period	Oil - PHL	Gas - MCF	Water - PHL	Gas - Oil Ratio
2-17-82	24	--		40	79	25	1975
XXX Turning Test	Casing Pressure	Pressure 14- Hour Test	Oil - PHL	Gas - MCF	Water - PHL	Oil Gravity - API (Corr.)	
40#	40#		40	79	25	38.7°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold							
35. List of Attachments							
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		
Russell Worley		Area Engineer			3-4-82		

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 _____	1250	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	1343	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	2498	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	2633	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	2894	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	3408	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	3678	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	3938	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	5170	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	5508	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	6220	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	6545	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 6686 to 6760 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	1250	1250	Red Bed				
1250	2633	1383	Salt & Anhy				
2633	3678	1045	Lm, Dol, Sand				
3678	6814	3136	Dol				

WELL NAME AND NUMBER H.T. Matern (NCT-C) #15
LOCATION 1980' EEL, 660' ENL, Sec. 18, T-21-S, R-37-E
(GIVE UNIT, SECTION, TOWNSHIP AND RANGE)
OPERATOR Gulf Oil Exploration and Production company
DRILLING CONTRACTOR Kenai Drilling Of New Mexico, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DATE</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
<u>12/10/81</u>	<u>1 1/2° @ 502' = 4.38</u>	<u> </u>	<u> </u>
<u>12/11/81</u>	<u>1° @ 1158' = 20.21</u>	<u> </u>	<u> </u>
<u>12/14/81</u>	<u>1° @ 1570' = 27.40</u>	<u> </u>	<u> </u>
<u>12/15/81</u>	<u>5° @ 1938' = 168.91</u>	<u>1 1/4° @ 2009' = 43.84</u>	<u>2° @ 2221' = 77.52</u>
<u>12/15/81</u>	<u>2 1/2° @ 2371' = 103.43</u>	<u> </u>	<u> </u>
<u>12/16/81</u>	<u>2° @ 2618' = 91.37</u>	<u>3/4° @ 2956' = 38.70</u>	<u> </u>
<u>12/17/81</u>	<u>0° @ 3295' = 0.00</u>	<u>3/4° @ 3330' = 43.59</u>	<u>3/4° @ 3367' = 44.07</u>
<u>12/18/81</u>	<u>3.4° @ 3667' = 48.00</u>	<u> </u>	<u> </u>
<u>12/20/81</u>	<u>2 3/4° @ 4129' = 198.11</u>	<u>3° @ 4273' = 223.64</u>	<u> </u>
<u>12/22/81</u>	<u>3° @ 4574' = 239.39</u>	<u> </u>	<u> </u>
<u>12/24/81</u>	<u>2 1/2° @ 4827' = 210.56</u>	<u> </u>	<u> </u>
<u>12/25/81</u>	<u>2 1/4° @ 5177' = 203.30</u>	<u> </u>	<u> </u>
<u>12/28/81</u>	<u>3° @ 5597' = 292.93</u>	<u> </u>	<u> </u>
<u>01/04/82</u>	<u>1° @ 6316' = 110.22</u>	<u> </u>	<u> </u>
<u>01/09/82</u>	<u>3/4° @ 6813' = 89.18</u>	<u> </u>	<u> </u>

DRILLING CONTRACTOR Kenai Drilling Of New Mexico Inc.

BY: Earl Ellison

Earl Ellison, Opr. Mngr. 1982

SUBSCRIBED AND SWORN TO BEFORE ME THIS 5TH DAY OF MARCH

Marcia M. Johnson
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 1-21-86 LEA COUNTY N.M.