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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 Fee

5. State Oil & Gas Lease No.



6. Unit Agreement Name

8. Farm or Lease Name
R. R. Bell (NCT-E)

9. Well No.
4

10. Field and Pool, or Wildcat
Hardy Drinkard



11. County
Lea

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

1b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
Gulf Oil Corporation

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

4. Location of Well
UNIT LETTER C LOCATED 370 FEET FROM THE North LINE AND 23.0 FEET FROM

THE West LINE OF SEC. 11 TWP. 21S RGE. 36E NE/4

15. Date Spudded 10-2-81 16. Date TD Reached 11-10-81 17. Date Compl. (Ready to Prod.) 1-3-82 18. Elevation (DF, RKB, RF, GR, etc.) 3539' GL 19. Elev. Casinghead --

20. Total Depth 6920' 21. Plug Back T.D. 6892' 22. If Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools 0'-6920' Cable Tools --

24. Producing Interval(s) of this completion - Top, Bottom, Name
Hardy Drinkard 6538'-6759'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
LDT/CNL/GR BHC/GR RPT/GR Cyberlook

27. Was Well Cored
Yes

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#	352'	17 1/2"	350 sx-circ	
9-5/8"	36#	2565'	12 1/2"	800 sx-circ	
5 1/2"	17#	6918'		1500 sx-TSTOC 800'	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6549'	6486'

31. Perforation logs: (Interval, size and number)
6585-87', 6594-96', 6603-05', 6733-35', 6749-51',
6757-59' w/(1) 1/2" JHPF; 6538-40', 6655-57',
6671-73' w/(3) 1/2" JHPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6538'-6759'	1500 gals NEFE HCL, 2500 gals 15% slick NEFE HCL, 37,500gals pad, 73,080# 20/40 sand, (24) 7/8" RCNB's, rock salt, acid flakes

33. PRODUCTION

Date First Production 1-3-82 Production Method: (Flowing, gas lift, pumping - Size and type pump) Flow Well Status (Prod. or Shut-in) Shut In

Date of Test	Hours Tested	Choke Size	Flow Rate Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-21-82	24	47/64"	→	8	413	54	51.625
Flow Testing Press.	Casing Pressure	Calculated 1.4-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
20#	0#	→	8	413	54	41.7°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Waiting On Connection

35. List of Attachments

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 RDPitre TITLE Area Engineer DATE 2-11-82

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 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 <u>1124</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1272</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2480</u>	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2610</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2871</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3346</u> <u>Penrose</u> <u>3410</u>	T. Permian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3640</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3940</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>5195</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Iblinbry <u>5753</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6360</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>6542</u>	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	1124		Red Beds				
1124	1272		Anhydrite				
1272	2480		Salt				
2480	2610		Anhydrite				
2610	3640		LS, Dol, Sand, Shale				
3640	TD		Dol, LS, Shale, Sand				

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State Fee =

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name R. R. Bell (NCT-E)
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	9. Well No. 4
4. Location of Well UNIT LETTER <u>C</u> , <u>370</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE, SECTION <u>11</u> TOWNSHIP <u>21S</u> RANGE <u>36E</u> N.M.P.M.	10. Field and Pool, or Wildcat Hardy Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) 3539' GL	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>Perfd, Acidized, Fracd</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

Perf 6585-87', 6594-96', 6603-05', 6733-35', 6749-51', 6757-59' with (1) 1/2" JHPF.
Perf 6538-40-, 6655-57', 6671-73' with (3) 1/2" JHPF. Straddle acidize perfs with 300 gals 2% NEFE HCL (1500 gals total). Avg pres 2000#, AIR 1 BPM. Frac with 2500 gals 15% slick NEFE HCL, 37,500 gals pad, 73,080# 20/40 sand, (24) 7/8" RCNB's, rock salt and acid flakes. ISIP 3820#, max pres 5580#, min pres 3800#, avg pres 4900#, AIR 20.5 BPM. Reverse out sand 6817'-6892'. Ran packer, SN on 2-3/8" tubing; tubing at 6549', packer at 6486'. Complete after drilling, perfining, acidizing and fracing.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED R. D. Pite TITLE Area Engineer DATE 2-11-82

APPROVED BY _____ TITLE _____ DATE FEB 13 1982

CONDITIONS OF APPROVAL, IF ANY: