

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
**DISTRICT I**  
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

**DISTRICT II**  
 P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
 30-025-31848

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 V-2999

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. Type of Completion: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR  OTHER \_\_\_\_\_

2. Name of Operator  
 H. L. Brown, Jr.

3. Address of Operator  
 P. O. Box 2237, Midland, Texas 79702

7. Lease Name or Unit Agreement Name  
 North Feather State Unit

8. Well No.  
 1

9. Pool name or Wildcat  
 Wildcat *Morrow (East)*

4. Well Location  
 Unit Letter H : 1650 Feet From The North Line and 990 Feet From The East Line

Section 16 Township 15-S Range 32-E NMPM Lea County

10. Date Spudded 1-31-93	11. Date T.D. Reached 3-14-93	12. Date Compl. (Ready to Prod.) 4-04-93	13. Elevations (DF & RKB, RT, GR, etc.) 4297.9 GR	14. Elev. Casinghead
15. Total Depth 12,480'	16. Plug Back T.D. 12,440'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By 0-12,480'	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Morrow <i>12376-12403</i>			20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run GR, CBL, CCL DIS-MRS-PDS			22. Was Well Cored Yes (2 DST)	

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	52.7	39'	20"	2.75 yds six sack mix	
13 3/8"	68 & 72	503'	17 1/2"	450 sx class "C"	
8 5/8"	32	4,149'	11"	1000 sx class "C"	
5 1/2"	17 & 20	12,462'	7 7/8"	450 PSL "H" & 900 sx "H"	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	12,285	12,285

26. Perforation record (interval, size, and number)  
 12,376' to 12,402'  
 .40 Diam  
 108 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,376-12,402'	1000 gal 7 1/2° MSR

28. **PRODUCTION**

Date First Production 4/04/93	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing					
Date of Test 5/19/93	Hours Tested 4	Choke Size 13/64	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF 123	Water - Bbl. 0	Gas - Oil Ratio 41,000
Flow Tubing Press. 555	Casing Pressure 10	Calculated 24-Hour Rate	Oil - Bbl. 18	Gas - MCF 738	Water - Bbl. 0	Oil Gravity - API - (Corr.) 58.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Sold

Test Witnessed By  
 John West Engineering

30. List Attachments  
 C-104, C-122 & attachments, Liquid & Gas Analysis, Log - CDL, CNL

31. 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

Signature John J. Gray Printed Name John Gray Title Production Engineer Date 5/24/93

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

T. Anhy _____ 1498	T. Canyon _____ 10,480
T. Salt _____	T. Strawn _____ 11,222
B. Salt _____	T. Atoka _____ 11,550
T. Yates _____ 2505	T. Miss Sh _____ 12,472
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____ 4036	T. Simpson _____
T. Glorieta _____ 5539	T. McKee _____
T. Paddock _____ 5803	T. Ellenburger _____
T. Blinebry _____ 6262	T. Gr. Wash _____
T. Tubb _____ 6913	T. Delaware Sand _____
T. Drinkard _____ 6940	T. Bone Springs _____
T. Abo _____ 7585	T. _____
T. Wolfcamp _____ 8945	T. _____
T. Rough A _____ 9686	T. _____
T. Cisco (Bouquet) _____ 10,005	T. _____

### Northwestern New Mexico

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

### OIL OR GAS SANDS OR ZONES

No. 1, from ..... 12,376 ..... to ..... 12,402 .....  
 No. 2, from ..... 13,330 ..... to ..... 12,344 .....  
 No. 3, from ..... to .....  
 No. 4, 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 .....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1498	2505		Anhydrite & Red Beds				
2505	4036		Anhydrite, SS, Dolomite				
4036	5539		Dolomite				
5539	5803		SS, Shale, Dolomite				
5803	7585		Dolomite, Stringer of SS				
7585	8945		Shale, SS, Dolomite				
8945	10480		Lime w/ Shale stringers				
10480	11222		Shale w/ Lime stringers				
11222	11550		Lime w/ SS & Shale stringers				
11550	11980		Lime w/ Shale & SS stringers				
11980	12472		LS & SS & Shale interbedded				
12472	TD		LS cherty				

**RECEIVED**  
 MAY 27 1993  
 OCD HOBR'S OFFICE