

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
AUG 2003

WELL API NO.  
30-45-31599  
5. Indicate Type of Lease  
STATE ☐ FEE ☒  
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. Type of Completion:  
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER ☐

7. Lease Name or Unit Agreement Name  
BAIRD 4

2. Name of Operator  
HEC PETROLUEM  
3. Address of Operator  
463 TURNER DRIVE #101, DURANGO, CO 81303

8. Well No.  
3  
9. Pool name or Wildcat  
BASIN FRUITLAND COAL

4. Well Location  
Unit Letter I : 1330 Feet From The S Line and 710 Feet From The E Line

Section 4 Township 31N Range 13W NMPM SAN JUAN County

10. Date Spudded 5/6/03 11. Date T.D. Reached 5/8/03 12. Date Compl. (Ready to Prod.) 8/5/03 13. Elevations (DF& RKB, RT, GR, etc.) 5844 GR 14. Elev. Casinghead 5844

15. Total Depth 2255 16. Plug Back T.D. 2207 17. If Multiple Compl. How Many Zones? N/A 18. Intervals Drilled By YES Rotary Tools YES Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
BASIN FRUITLAND COAL  
20. Was Directional Survey Made  
YES

21. Type Electric and Other Logs Run  
TRIPLE LITHO DENSITY GAMMA RAY  
22. Was Well Cored  
NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625	24	353	12.250	260 SX "B"	20
5.50	15.5	2253	7.875	315 SX PERM LITE	32

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	2166	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2009-2034, 2042-2046 (.40" 118 HOLES)				2009 - 2046	FRAC'D W/ 144,552 LBS 20/40
1806-1815, 1913-1917, 1919-1926 (.40" 23 HOLES)				1806 - 1926	FRAC'D W/ 100,000 LBS 20/40

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8-5-03		PUMPING				PROD	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-5-03		FULL OPEN		0	4	32	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
24	24	4	0	4	32	N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD  
Test Witnessed By  
DOUG ELWORTHY, ASST. PROD. FRMN

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Doug Elworthy Date 8/8/03 Printed Name DOUG ELWORTHY Title ASST. PROD. FOREMAN

# 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 reopened 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 depth 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 STATI

## Southeastern New Mexico

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinebry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo 1087  
T. Kirtland-Fruitland 1765  
T. Pictured Cliffs 2082  
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 Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONE

lo. 1, from.....to.....  
lo. 2, from.....to.....

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.

lo. 1, from.....to.....feet.....  
lo. 2, from.....to.....feet.....  
lo. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology