

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

District I
1635 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

WELL API NO.

30-45-31596

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

FREEMAN 11

8. Well No.

4

9. Pool name or Wildcat

BASIN FRUITLAND COAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐

1b. Type of Completion:

NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

HEC PETROLUEM

3. Address of Operator

463 TURNER DRIVE #101. DURANGO, CO 81303

4. Well Location

Unit Letter D : 760 Feet From The NORTH Line and 1225 Feet From The WEST Line

Section 11 Township 31N Range 13W NMPM SAN JUAN County

10. Date Spudded 4/29/03 11. Date T.D. Reached 5/01/03 12. Date Compl. (Ready to Prod.) 6/23/03 13. Elevations (DF& RKB, RT, GR, etc.) 5777 RKB 14. Elev. Casinghead 5762

15. Total Depth 2205 16. Plug Back T.D. 2156 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 2205 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#	354.54'	12.250	270 SX "B" w/2% cacl	20 BBLS
5.50	15.5#	2196.95'	7.875	350 SX PREM LT HIGH ST.	30 BBLS

24. LINER RECORD 25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	2108	

26. Perforation record (interval, size, and number)
1966 - 1995 - 4 JSPF .43" - 116 HOLES
1772 - 1880 - 4 JSPF .43" - 130 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
1966 - 1995 144.480 # 20/40 SAND - 2125 BBLS H2O
1772 - 1880 155.060 # 20/40 SAND - 1509 BBLS H2O

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
6/21/03	PUMPING	PROD					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/21/03	24	OPEN FULL		0	3	61	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
38	38	3 MCF		3	61	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 Jim Bonaventura Printed Name Jim Bonaventura Title Area Prod Foreman Date 6/30/03

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. Anlhy_____	T. Canyon_____
T. Salt_____	T. Strawn_____
B. Salt_____	T. Atoka_____
T. Yates_____	T. Miss_____
T. 7 Rivers_____	T. Devonian_____
T. Queen_____	T. Silurian_____
T. Grayburg_____	T. Montoya_____
T. San Andres_____	T. Simpson_____
T. Glorieta_____	T. McKee_____
T. Paddock_____	T. Ellenburger_____
T. Blincbry_____	T. Gr. Wash_____
T. Tubb_____	T. Delaware Sand_____
T. Drinkard_____	T. Bone Springs_____
T. Abo_____	T. _____
T. Wolfcamp_____	T. _____
T. Penn_____	T. _____
T. Cisco (Bough C)_____	T. _____

Northwestern New Mexico

T. Ojo Alamo	1087	T. Penn. "B"	
T. Kirtland-Fruitland	1765	T. Penn. "C"	
T. Pictured Cliffs	2082	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 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