

Submit To Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised March 25, 1999

WELL API NO.

30-45-31590

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 ☐

2. Name of Operator

HEC PETROLEUM, INC.

3. Address of Operator

463 TURNER DRIVE #101

7. Lease Name or Unit Agreement Name

MEAD

8. Well No.

27-2

9. Pool name or Wildcat

BASIN FRUITLAND COAL

4. Well Location

Unit Letter F : 1530 Feet From The N Line and 2090 Feet From The W Line

Section 27 Township 32N Range 13W NMPM SAN JUAN County

10. Date Spudded 4-16-03 11. Date T.D. Reached 4-19-03 12. Date Compl. (Ready to Prod.) 5-6-03 13. Elevations (DF& RKB, RT, GR, etc.) 5873 14. Elev. Casinghead 5858

15. Total Depth 1855 16. Plug Back T.D. 1805 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By YES 19. Producing Interval(s), of this completion - Top, Bottom, Name BASIN FRUITLAND COAL 20. Was Directional Survey Made 0 - 1855'

21. Type Electric and Other Logs Run TRIPLE LITHO DENSITY, GAMMA RAY, CALIPER, INCLINOMETRY, CBL, CCL 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#	363	12.25"	276 SX "B"	20 BBL
5.5 8-55	15.5#	1853	7.875	25 SX LITE, 274 SX "B"	0

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	1653

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED			
1434-40, 1460-67, 1504-07, 1510-16, 1533-36, 1643-82,				
TOTAL 261 .40" HOLES				

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
5-12-03		PUMPING			PROD		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-15-03	24	OPEN		0	50	81	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
89	89		0	50	81	N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED Test Witnessed By NICK SHERMAN, PUMPER

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 [Signature] Printed Name Douglas N. Elworthy Title Asst Prod Foreman Date 8-18-03

INSTRUCTIONS

his 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 STATE

Southeastern New Mexico

T. Anhy_____	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. Blinebry_____	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