

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other _____		5. Lease Serial No. NM 14164
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____		
2. Name of Operator HEC Petroleum, Inc.		
3. Address 500 W. Illinois Midland, Texas 79701	3a. Phone No. (Include area code) (432)498-8662	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 990 FNL & 1330 FEL, UL B, Sec. 8, T-24-S, R-35-E At top prod. interval reported below Same At total depth Same		6. If Indian, Allottee or Tribe Name
		7. Unit or CA Agreement Name and no. 34076 (OCD Property Code)
		8. Lease Name and Well No. CR "8" Federal No. 2
		9. API Well No. 30-025-37047
		10. Field and Pool, or Exploratory Cinta Roja; Morrow (Gas) (75000)
		11. Sec., T., R., M., on Block and Survey or Area 8, T24S, R35E, NMPM
		12. County or Parish Lea
		13. State NM
14. Date Spudded 01/24/2005	15. Date T.D. Reached 03/26/2005	16. Date Completed ☐ D & A ☒ Ready to Prod. 05/28/2005
17. Elevations (DF, RKB, RT, GL)* 3,433' GL (25' RKB)		

18. Total Depth: MD 14,400' TVD	19. Plug Back T.D.: MD 14,306' TVD	20. Depth Bridge Plug Set: MD TVD
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) Dual Laterolog-Micro Guard/Dual Spaced Neutron-Spectral Density/GR/CCL/CBL		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5	0'	845'		720 "C"	218	CIRC 250sx	0
12-1/4"	9-5/8"	40.0	0'	5,163'		1,740 "C"	710	CIRC 282sx	0
8-3/4"	7"	26.0	0'	12,180'		1,140' "H"	351	5,169' by TS	0
6-1/8"	4-1/2"	13.5	11,978'	14,400'		300 "H"	67	CIRC to TOL	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
4-1/2"	11,978'	Set in TB Sleeve						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	13,257'	13,965'	13,651'-13,666'	0.4"	44	Open
B)			13,857'-13,886'	0.4"	52	Open
C)			13,954'-13,965'	0.4"	44	Open
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
13,651'-13,666'	Frac w/40,000g 70Q CO2 Foam & 33,658# 20/40 Super DC resin coated ottawa sand.
13,857'-13,886'	Frac w/50,000g 70Q CO2 Foam & 49,900# 20/40 Super DC resin coated ottawa sand
13,954'-13,965'	Frac w/30,000g 70Q CO2 Foam & 33,152# 20/40 Super DC resin coated ottawa sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/28/05	5/29/05	24	→	37	2,924	25	~55	.6373	Flowing
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
18/64"	SI 1175	PKR	→	37	2,924	25	79,000:1	Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

DAVID R. GLASS

NOV 23 2005

**DAVID R. GLASS
PETROLEUM ENGINEER**

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Morrow	13,257'	13,965'	Gas	Rustler	839'
				Bell Canyon	5,233'
				Cherry Canyon	6,172'
				Brushy Canyon	7,608'
				Bone Springs, LS	9,086'
				Wolfcamp	11,820'
				Strawn	12,673'
				Atoka	12,919'
				Morrow	13,257'

32. Additional remarks (include plugging procedure):

Transition from one company to another, due to merger, resulting in pertinent personnel losses/changes, moving and unavailability of records, delays in getting service company reports and transitioning between two computer networks has caused late filing of this report and its attachments. Please accept our apologies for this oversight.

33. Circle enclosed attachments:

① Electrical/Mechanical Logs (1 full set req'd.)

2. Geological Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

⑦ Other *Deviation Rpt., Gas Analysis, Wellbore Schematic 2-104 & Two Sundry Notices - Prod. Csg. & Completion Work.*

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Alan W. BohlingTitle Regulatory Agent

Signature

*Alan W. Bohling*Date 11/18/2005

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

50-617-83-1107
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