

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-33762
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 34470 (NMOCD Property Code)
7. Lease Name or Unit Agreement Name Catclaw Draw Unit
8. Well Number 21
9. OGRID Number 009812
10. Pool name or Wildcat

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator  
HEC Petroleum, Inc.

3. Address of Operator  
500 W. Illinois Midland, Texas 79701

4. Well Location  
Unit Letter D : 660 feet from the North line and 1,650 feet from the West line  
Section 14 Township 21S Range 25E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,295' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: 1 <sup>st</sup> Intermediate Csg/Cmt Sundry <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**1<sup>st</sup> INTERMEDIATE CASING/CEMENT:**

On 8/31/2005, RIH w/40jts. 9-5/8", 36#, J-55 csg. & set @ 1,750' w/800sx (191Bbls) Prem Plus "C" cmt + 2% CaCl<sub>2</sub>, 2% Zone Sealant 2000 Haltank, mixed @ 6.37GPS (Yld: 1.35ft<sup>3</sup>/sx, Wt: 14.8PPG)- Lead, followed by 200sx (48Bbls) Prem Plus "C" cmt +2% CaCl<sub>2</sub>, mixed @ 6.37GPS (Yld: 1.35ft<sup>3</sup>/sx, Wt: 14.8PPG)-Tail and 100sx (30Bbls) Premium Plus Thixotropic cmt +2% CaCl<sub>2</sub> +15% Calseal 60, down annulus, mixed @ 8.28 GPS (Yld: 1.69ft<sup>3</sup>/sx, Wt: 14.2PPG)-cap cmt in annulus. Circulated 360sx lead cmt to reserve pit. On 9/1/2005, WOC holding 1000psi on back side for approx. 4-1/2 Hrs-release pressure. ND, PU stack to set slips. Clean cmt out of wellhead & attempt to set slips-no go. W/O wash pipe & power swivel (cleaned cmt out of SNGL BOP & spools & change rams). PU power swivel & washpipe to clean out wellhead & pipe in order to set slips around 9-5/8" csg. W/O shoe for washpipe. On 9/2/2005, attempt to drill out cmt from around 9-5/8" csg & 13-3/8" csg shoe was too big. W/O tiger tooth shoe. Drill out cmt from around 9-5/8" csg & 13-3/8" csg & RD power swivel. Set slips & NU "B" Section. Test WH to 1000psi-OK. NU BOP. Test BOP, all BOP valves & annular & flow valves to 250psi-low & 5000psi-high. Test csg to 2000psi-OK. Test mud lines to 3000psi. On 9/3/2005, finish testing Kelly, standpipe, mud lines, safety valves & run accumulator test. Test csg to 2000psi-OK. RD testers. Install wear bushing. RU L/D machine, PU BHA, RD L/D machine, TIH w/DP & PU Kelly. Install rotating head, drill cmt, plug, FC's & Shoe-tag @ 1,687', FC @ 1,703'. Drlg 7-7/8" hole. WOC total of approx. 60 Hrs. before drlg cmt, plug & FC's.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 09/20/2005

Type or print name Alan W. Bohling E-mail address: abohling@pureresources.com Telephone No. (432) 498-8662  
For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any): \_\_\_\_\_

FOR RECORDS ONLY

SEP 26 2005