

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised June 10, 2003

WELL API NO.

30-015-33320

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Catchlaw Draw Unit

8. Well Number

18

9. OGRID Number

9812

10. Pool name or Wildcat
Catchlaw Draw; Morrow (Pro Gas)

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 PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

MAY 13 2004

2. Name of Operator

HEC Petroleum, Inc. (Formerly Hallwood, c/o Pure Resources, L.P.)

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

4. Well Location

Unit Letter D : 1,310' feet from the North line and 1,310' feet from the West line

Section 23 Township 21S Range 25E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,366'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

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.

HEC Petroleum, Inc. (c/o Pure Resources, L.P.)- MIRU Nabors Drilling Co. Rig #715 and Spud a 17-1/2" hole at 2:30 pm on 5/3/04.

Surface Casing

RIH w/9 jts. (403.11') of 13-3/8" 48# H-40 ST&C csg. and set at 400' and cemented w/180 sx "H" 10% A-10, 10# sx Gilsonite, 1/4# Celloflake, 1% CaCl₂ mixed @ 14.8 PPG, 1.52 Cu Ft/sk, 8.18 GL/WTR (YLD: 1.52, WT: 14.8)-1st Stage; then 200 sx 35:65 "POZ C", 2% CaCl₂, 4% BWOC Bentonite, 1/4# Celloflake, mixed @ 12.5 PPG, 1.97 Cu Ft/sk, 10.7 GL/WTR (YLD: 1.97, WT: 12.5) tailed in with 200 sx "C", 2% CaCl₂, 25 PPS Celloflake mixed @ 14.8 PPG, 1.35 Cu Ft/sk, 8.35 GL/WTR (YLD: 1.35, WT: 14.8).- Stage 2. Circulated 260 sx, 76 Bbls.

1st Intermediate Casing

RIH w/40 jts. (1780') 9-5/8" 36# J-55 ST&C csg. and set at 1,778' and cemented w/600 sx 35:65 "POZ C", .25 PPS Celloflake, 5 PPS LCM-1, 6% Bentonite, (YLD: 1.95, WT: 12.5), tailed in with 200 sx "C", 2% CaCl₂ (YLD: 1.34, WT: 14.8). Circulated 200 sx.

(SEE ATTACHED WELL HISTORY REPORT).

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 05/12/2004

abohling4@pureresources.com

Type or print name Alan W. Bohling E-mail address: abohling4@pureresources.com Telephone No. (432)498-8662

(This space for State use)

MAY 14 2004

APPROVED BY _____ FOR RECORDS ONLY DATE _____

Conditions of approval, if any:

Pure Resources, Inc.

Well History

CATCLAW DRAW UNIT #18 - 79.29% WI From 1/1/1920 through 5/10/2004

Well Name CATCLAW DRAW UNIT #18 - 79.29% WI

Lease Well 591811-0018

State: NM

County: EDDY

Activity Date 5/4/2004

Type of Report: DRILLING

INITIAL REPORT

Description DRY DRLG.

Times

Hours

Remarks

24.00

MIRU NABORS DRILLING CO. RIG #715. SPUD 17-1/2" HOLE @ 2:30 P.M. 4/3/04. DRLG F/ 58-233'. LOST RETURNS & DRY DRLG F/ 80-233'. BIT TRIP @ 196'. MAN HRS 4227.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$208,169	\$208,169	\$1,206,800	1030562	233	175		

Activity Date 5/5/2004

Type of Report: DRILLING

PROGRESS REPORT

Description CIRC CONDITIONED MUD.

Times

Hours

Remarks

6.00

DRLG F/ 233-303' W/ 35K, 120 RPM. DRY DRILLED TO 290', PARTIAL RETURNS, 303' FULL RETURNS.

0.50

CHAIN UP CONDUCTOR PIPE.

5.00

DRLG F/ 303-382' W/ 35K, 100 RPM. FULL RETURNS.

0.50

SERVICE RIG.

1.75

DRLG F/ 382-400' W/ 35K, 100 RPM. FULL RETURNS.

1.00

CIRC 2 SWEEPS. DROP SURVEY.

1.75

SAFETY MTG. LD 3 JTS. TOH TO RUN CSG. MAX DRAG 15K.

1.00

SAFETY MTG. RU CSG CREW.

0.75

RUN 7 JTS 13-3/8" 48# H-40 ST&C. STOP @ 293'.

1.75

SAFETY MTG. RU WASHED ON BRIDGE @ 293'.

1.50

SAFETY MTG. RD BJ. LD 1 JT 13-3/8" CSG. SET BACK 6 JTS.

1.50

SAFETY MTG. PU BIT. TIH TO 293'.

1.00

SAFETY MTG. PU KELLY, BREAK CIRC. WASH F/ 293-400'.

NO. OF PERSONS ON LOCATION 48.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$25,180	\$233,349	\$1,206,800	1030562	400	167	8.40	

Activity Date 5/6/2004

Type of Report: DRILLING

PROGRESS REPORT

Description NU 13-5/8" 10K BOP.

Times

Hours

Remarks

5.50

WORK HOLE F/ 272-303'. RAISE VIS TO 36, PUMPING SWEEPS (RECOVERED GRAVEL).

1.00

WASH F/ 303-400'. BRIDGE F/ 305-307'. 1' FILL ON BOTTOM.

1.00

CIRC CONDITIONED MUD. PUMP SWEEPS, SPOT 80 BBLS 70 VIS MUD.

1.00

SAFETY MTG. LD 3 JTS DP. TOH TO RUN 13-3/8" CSG.

0.50

SAFETY MTG. RU CSG CREW.

1.00

SAFETY MTG. RUN 9 JTS 403.11' 13-3/8" 48# H-40 ST&C. LAND @ 400', FLOAT @ 354.55'.

0.50

RU BJ, CIRC CAPACITY OF CSG - NO FILL.

1.00

CMT W/ 180 SX "H" 10% A-10, 10# SX GILSONITE, 1/4# CELLOFLAKE, 1% CACL2. MIXED 14.8 PPG, 1.52 CU/FT, 8.18 GL/WTR, 200 SX 35:65 POZ "C", 2% CACL2, 4% BWOC BENTONITE, 1/4# SX CELLOFLAKE, MIXED 12.5 PPG, 1.97 CU/FT, 10.7 GL/WTR, 200 SX "C" 2% CACL2, 25 PPS CELLOFLAKE, MIXED 14.8 PPG, 1.35 CU/FT, 8.35 GL/WTR. CIRC 260 SX, 76 BBLS.

4.00

WAIT ON CMT.

2.00

CUT OFF CONDUCTOR. WELD CONDUCTOR TO 13-3/8".

3.00

SAFETY MTG. CUT OFF 13-3/8" CSG. WELD ON 13-3/8" SOW X 13-5/8" 3K LPO CSG HEAD. TEST TO 500 PSI.

3.50

NU 13-5/8" 10K STACK.

NO. OF PERSONS ON LOCATION 41.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$27,808	\$261,157	\$1,206,800	1030562	400			

Activity Date 5/7/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG 12-1/4" HOLE - BURYING BHA.

Times	Hours	Remarks
	14.00	NU 13-5/8" 3K X 13-5/8" 10K DSA, 13-5/8" 10K X 13-5/8" 10K SPACER SPOOL, 13-5/8" 10K SINGLE RAM (4-1/2" PIPE RAMS), 13-5/8" 10K MUD CROSS W/ 4" 10K MANUAL 4" 10K HYD, 2 - 2" 10K MANUAL 2" 10K CHECK, 13-5/8" 10K DOUBLE (BLINDS BOTTOM, 4-1/2" PIPE TOP), 13-5/8" 5K ANNULAR, 13-5/8" ROTATING HEAD, 8" HYD FLOWLINE VALVE, 2-1/6 10K CHOKE MANIFOLD W/ 1 MANUAL HYD CHOKE.
	0.50	SAFETY MTG. TEST TO 500 PSI: CSG, BLINDS, CHOKES.
	0.50	SAFETY MTG. PU BIT, BHA #3.
	0.50	SAFETY MTG. TIH TO 297'.
	0.50	SAFETY MTG. TEST CSG, PIPE RAMS, HYDRIL.
	0.50	SAFETY MTG. PU DC. TAG @ 351'.
	4.00	DRLG FLOAT, 46' OF CMT W/ 50 RPM, 30K.
	3.50	DRLG F/ 400-448' W/ 50 RPM, 30K.
		NO. OF PERSONS ON LOCATION 18.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$42,464	\$303,621	\$1,206,800	1030562	448	48	8.40	

Activity Date 5/8/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG 12-1/4" HOLE W/ 95% RETURNS.

Times	Hours	Remarks
	7.00	DRLG F/ 448-551' W/ 30K, 50 RPM, 7.5 BPM (AVG 14.7 FPH). BHA OUT OF CSG.
	0.25	SAFETY MTG. WLS @ 501' - 1 DEG.
	2.75	DRLG F/ 551-868' W/ 45-55K, 90 RPM, 14.1 BPM (AVG 42.5 FPH).
	0.25	BOP DRILL (WALK THRU W/ DAYLIGHT CREW).
	4.75	DRLG F/ 868-882' W/ 55-82K, 90 RPM, 14.1 BPM (AVG 45.1 FPH).
	0.25	BOP DRILL (WASL THRU W/ MORNING CREW).
	3.25	DRLG F/ 882-1069' W/ 50K, 90 RPM, 7.5 BPM (AVG 57.5 FPH).
	0.50	SAFETY MTG. WLS @ 1023' - 1-1/4 DEG. TOOK 28 BBLS TO BREAK CIRC.
	5.00	DRLG F/ 1069-1287' W/ 50K, 90 RPM, 7.5 BPM (AVG 43.6 FPH).
		NO. OF PERSONS ON LOCATION 18.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$28,445	\$332,066	\$1,206,800	1030562	1287	839		

Activity Date 5/9/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RU BJ TO CMT.

Times	Hours	Remarks
	7.50	DRLG F/ 1287-1627' W/ 50K, 90 RPM, 7.5 BPM (AVG 45.3 FPH).
	1.00	LOST RETURNS @ 1627'. SPOT 20 BBL LCM PILL. SAFETY MTG. WLS @ 1581' - 1-3/4 DEG. TOOK 29 BBLS TO BREAK CIRC.
	2.00	DRLG F/ 1527-1720' W/ 50K 90 RPM, 7.5 BPM (AVG 46.5 FPH).
	0.50	SAFETY MTG. SERVICE RIG. WALK THRU SHUT IN PROCEDURE.
	1.00	DRLG F/ 1720-1778' W/ 50-K, 90 RPM, 7.5 BPM (AVG 58 FPH).
	2.50	CIRC 2 - 30 BBL LCM SWEEPS. RU LAYDOWN MACHINE. DROP SURVEY - 1-3/4 DEG @ 1735'.
	4.00	SAFETY MTG, LD 16 JTS DP. TRIP OUT TO LD 8" DC'S & BHA.
	1.00	SAFETY MTG. RU CSG CREW.
	3.50	SAFETY MTG. RUN 1780' (40 JTS) 9-5/8" 36# J-55 ST&C (WELDED & STRAPPED FLOAT EQPT). TOP SHOE @ 1776.65', TOP FLOAT @ 1731.47'.
	1.00	SAFETY MTG. RU BJ, CIRC CAPACITY OF CSG.
		NO. OF PERSONS ON LOCATION 27.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$51,623	\$383,689	\$1,206,800	1030562	1778	491	8.4	

Activity Date 5/10/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG 30 FPH.

Times	Hours	Remarks
	0.25	PUMP ON CSG. PUMP TOTAL 402 BBLS - NO RETURNS. CSG WT 53K.
	1.50	SAFETY MTG. RU BJ. CMT W' 600 SX 35:65 POZ "C", .25 PPS CELLOFLAKE, 5 PPS LCM-1, 6% BENTONITE, 200 SX "C", 2% CACL2. CIRC 200 SX.
	0.25	SAFETY MTG. TEST CSG TO 2000 PSI.
	3.00	SAFETY MTG. ND DRILLING SPOOL, DSA. PU BOP. SET SLIPS ON 9-5/8" (43K).
	1.50	SAFETY MTG. CUT OFF 9-5/8". SET OUT DRILLING SPOOL, DSA. NU 13-5/8" 3K X 11" 5K. TEST TO 1000 PSI.
	2.50	SAFETY MTG. TEST F/ 250-2000 PSI, ANNULAR. TEST F/ 250 TO 30000 PSI UPPER PIPE RAMS, BLIND RAMS, LOWER PIPE RAMS, CHOKE MANIFOLD, KILL LINES, MUD LINES, UPPER KELLY VALVE, LOWER KELLY VALVE, FLOOR TIW, DART VALVE.
	4.50	SAFETY MTG. PU BIT #4, BHA #4, ADD'L DC'S. RD PICKUP MACHINE. TIH. PU 9 JTS DP. TAG @ 1718'.
	1.00	DRLG 18' CMT, PLUG, FLOAT, 44' CMT, SHOE W/ 50K, 50 RPM.
	4.00	DRLG F/ 1778-1887' W/ 50K, 55 RPM (AVG 27.3 FPH).
		NO. OF PERSONS ON LOCATION 23.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.
\$40,627	\$424,316	\$1,206,800	1030562	1887	109	

**TUBING BREAKDOWN AS OF
ROD BREAKDOWN AS OF
FAILURES AS OF**

CASING HISTORY REPORT

SURFACE LEVEL

Location 1310' FNL & FWL, SEC 23, 21S, 26E

TD Date 5/4/2004

TD Hole Time

Total Depth: 400

Hole Size: 17-1/2"

Joints Ran	Joint Description	Total Footage	Running Ftg.
9	13-3/8" 48# h-40 csg	400.00	400.00

9 Total Joints Ran 400.00

Cemented as follows:

Top Cement:

Stage 2 - 200 SX 35:65 POZ "C", 2% CACL2, 4% BWOC BENTONITE, 1/4# SX CELLOFLAKE, MIXED 12.5 PPG, 1.97 CU/FT, 10.7 GL/WTR, (YLD:1.97, WT:12.5)

Tail: 200 SX "C" 2% CACL2, 25 PPS CELLOFLAKE, MIXED 14.8 PPG, 1.35 CU/FT, 8.35 GL/WTR (YLD:1.35, WT:14.8)

Stage 1 - 180 SX "H" 10% A-10, 10# SX GILSONITE, 1/4# CELLOFLAKE, 1% CACL2. MIXED 14.8 PPG, 1.52 CU/FT, 8.18 GL/WTR (YLD:1.52, WT:14.8)

Comments

1st INTERMEDIATE LEVEL

Location 1310' FNL & FWL, SEC 23, 21S, 26E

TD Date 5/9/2004

TD Hole Time

Total Depth: 1778

Hole Size: 12-1/4"

Joints Ran	Joint Description	Total Footage	Running Ftg.
1	9-5/8" 36# J-55 CSG	43.96	43.96
	FLOAT COLLAR	1.22	45.18
39	9-5/8" 36# J-55 CSG	1736.51	1781.69
	FLOAT SHOE	1.35	1783.04

40 Total Joints Ran 1783.04

Cemented as follows:

Top Cement:

Stage 1 - 600 SX "C" (YLD:1.95, WT:12.5)

Tail: 200 SX "C" (YLD:1.34, WT:14.8)

Comments