

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.
30-025-20931

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
027317

7. Lease Name or Unit Agreement Name

H.H. Harris

8. Well Number 2

9. OGRID Number
004115

10. Pool name or Wildcat
Wolfcamp, Brenco

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
Chaparral Energy, LLC

3. Address of Operator
701 Cedar Lake Blvd., Oklahoma City, OK 73114

4. Well Location

Unit Letter O : 650 feet from the South line and 1800 feet from the East line
Section 35 Township 12S Range 38E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3788' GL, 3800' DF

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ REMEDIAL CASING ☐
COMMENCE DRILLING OPNS ☐ P. AND A. ☐
CASING/CEMENT JOB ☐

OTHER: Recomplete to Wolfcamp ☒

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.

Recomplete to Wolfcamp formation, 05/30/06 thru 09/26/06: MIRU DD. Prep to begin work over activities. POH w/105' - .875" rods + 8' - .75" rods - found body break. RIH w/overshot on rods. Engage parted rod but slipped off. POH. RIH w/O'Bannon fishing tool. Engaged parted rod - slipped off w/6K pulled. POH & LD rods. RIH w/swab. Swab FL to 2800'. SDFN. SITP/SICP lt bl. Rel TAC. NUBOP. Pull 129 jts 2.375" tbg (to parted .75" rod). PU on rods & unseat pump. LD 310' - .75" rods & pump. SDFN. TOH w/253 jts 2.375" tbg, TAC, seat nipple, & mud anchor. No significant buildup on tbg or TAC. Checking availability of directional perforating equipment. TIH w/382 jts 2.375", 4.7#, N-80, CS tbg open ended. EOT 11800'. Change out drilling line on well service unit. Rel well service unit. Waiting on directional perforating equipment. MIRU DD. TOH w/310 jts 2.375" tbg. SDFN. Finish TOH w/2.375" tbg. RU WL. RIH w/CCL on 2.875" csg side. Tag @ 8600'. Pull correlation strip to 8300' & POH. RIH w/CCL on 3.5" csg side & pull correlation strip. Begin perforating (3.5" csg side - oriented away f/2.875" csg) Wolfcamp w/2" RTG (6.5 gr) 2 HPF 9542', 9544', 9546', 9548', 9550', 9562', 9564', 9565', 9589', 9590'. SICP 0#. Finish perforating Wolfcamp w/2" RTG (6.5 gr) 2 HPF (3.5" csg side - oriented away f/2.875" csg) 9446', 9450', 9456', 9458', 9472', 9473', 9482', 9483', 9489', 9491', 9522', 9523', 9525', 9532'. Shut in well. SICP 0#. TIH w/LokSet RBP. 1.78" seat nipple, 2.375" tbg. Set RBP @ 9730'. TOH w/RBP retrieving tool. TIH w/Arrowset I-X pkr. 1.78" seat nipple, 162 jts 2.375" tbg. SITP/SICP 0#. Continue TIH w/Arrowset I-X pkr. Set pkr @ 9670'. Pressure tbg to 1000# - OK. Set pkr @ 9355' (304 jts tbg). Pressure test 3.5" csg to 500# - OK. RIH w/swab. FL @ 1000'. Swab 30 BW w/no sh oil or gas. FL @ seat nipple. Waiting on acid equipment. SITP 50#. Blew dn tbg w/no liquid to surf. RIH w/swab. FL 3000'. Rec 200' oil on top of 1st swab run. Swab 11 BW + 1 BO. FL 6500'. RU & pump 20 bbl 15% NE Fe HCl dn tbg. Pressure incr to 4000# & communicated to csg. Rel pkr & reverse circ acid to frac tank. Begin TOH & pkr set. While attempting to release pkr, tbg parted 91 jts f/surf (body break). Waiting on center spear to fish tbg. TIH w/center spear (1.972" grapple) on 2.375" tbg. Engage tbg fish @ 5250'. Pull 20K over string wt & spear pulled free. Repeat several times w/same result. TOH w/spear. Waiting on WL unit. RU WL. RIH w/1.6875" chemical cutter. Tag tbg fish @ 5250' & went in. RIH & tag @ 8970' - could not go any deeper. PU & cut tbg @ 8931'. POH w/cutter. TIH w/center spear (1.992" grapple) on 2.375" tbg. Attempt to engage tbg fish @ 5250' - pulling free @ 5K over fishing string wt. TOH w/spear. Grapple appeared to not have been fully engaged in tbg. TIH w/center spear (1.972" grapple) w/1.8125" x 7' extension, 2.375" tbg. Engage tbg fish @ 5250'. Pull 8 jts tbg & fish came free f/spear. TOH w/center spear. Replace grapple w/1.992" & TIH. Could not force 1.992" grapple into fish. TOH w/spear. RU WL. RIH w/1.6875" OD chemical cutter. Tag @ 5250'. Could not get cutter inside tbg fish. POH w/cutter. TIH w/1.875" OD tapered mill on 2.375" tbg. Tag @ 5250'. Rotate tbg string w/rig tongs & work mill approximately 8" down hole - could not get any deeper. Pull 1 jt tbg. Waiting on PP&S. RU reverse unit mill on fish, made about 10". POOH w/ 1 7/8" taper mill, RU WL, run 1 3/4" broach, would not go, tag @ 5251'. Run 1 1/2" broach, would not go. Run 2 1/8" lead impression block indication shows tbg is leaning on side of 3 1/2" csg or is collapsed on top of fish. RD WL trk. CLON. Run 1 7/8" taper mill, tag @ 5252'. Made 4' to 5256'. POOH taper mill, run spear w/ 1.992 grapple, caught fish, pull 16 jts. CLON. Pulled 2 jts tbg & spear pulled free f/tbg fish. TOH w/center spear. Left 1/3 of spear grapple in hole. TIH w/center spear (2.023" grapple) on 2.375" tbg. Could not engage tbg fish @ 5250'. TOH w/spear & replace grapple w/1.992". TIH. Still could not engage tbg fish. TOH w/spear. TIH w/2.84375" OD overshot (2.375" spiral grapple) on 2.375" CS tbg. Engage tbg fish @ 5250' but overshot slipped off @ 7K over string wt. TOH w/overshot. Spiral grapple was broken & piece missing. TIH w/2.875" OD concave mill on 2.375" tbg. Establish circulation & mill 1'. Circ clean. Continue milling tbg fish. Milled 3/2 hrs. Circ clean & TOH w/mill. TIH w/2.84375" OD overshot (2.375" spiral grapple). Attempt to engage fish w/o success. TOH w/overshot. Found marks on bottom of overshot guide but no indication of contact w/grapple. TIH w/2.875" OD x 2.375" ID x 3' L mill shoe on 2.375" CS tbg. Mill over tbg fish @ 5253'. TOH & mill shoe. TIH w/2.84375" OD overshot (2.375" spiral grapple) on 2.375" tbg. Attempt to engage tbg fish w/o success. TOH w/overshot. Found marks along lower OD of overshot. No indication of contact w/grapple. TIH w/169 jts 2.375" CS open ended to 5250'. NDBOP/NU wellhead. Rel well service unit.

Well SI pending further evaluation. SICIP (3.5" & 2.875") 0#. MIRU DD. NUBOP on 3.5" csg. TOH w/169 jts 2.375", 4.7#, N-80, CS tbg. TIH w/2.875" OD box tap. Tag @ 5254'. Engage 2.375" tbg fish. TOH w/box tap. Rec 1' piece of 2.375" tbg. TIH w/2.875" OD box tap on 2.375" tbg. Tag @ 5254'. Attempt to engage fish. TOH w/no recovery. TIH w/2.875" OD lead impression block. Tag @ 5254' & TOH. Found 2 small indentions on bottom face of block. TIH w/2.875" OD pilot mill on 2.375" tbg. Tag @ 5254'. Mill to 5255' - would mill any deeper. TOH w/mill - completely worn. SICIP 0#. TIH w/1.875" OD tapered mill on 2.375" CS tbg. Mill 5255' - 5270'. TOH w/tapered mill. TIH w/center spear (1.992" grapple) + 35' extension on 2.375" tbg. Engage fish & TOH w/8' piece of 2.375" tbg, 119 jts 2.375" tbg, 15' cut off piece of tbg. SICIP 0#. TIH w/1.875" tapered mill w/1.50" x 35' extension on 2.375" tbg. Tag @ 8931'. Mill into top of tbg & rotate to 8950'. Circ clean & TOH w/tapered mill. SICIP 0#. TIH & LD 2.375" tbg - extremely poor condition. Unload 324 jts new 2.375", 4.7#, L-80, CS Hydril tbg. TIH w/center spear (1.992" grapple), 50 jts 2.375" tbg. Continue TIH w/center spear. Engage tbg fish @ 8931'. PU & work tbg - could not work free. Rel spear & TOH. SICIP 0#. RU WL. RIH w/1.6875" chemical cutter. Tag @ 8970' - could not go any deeper. POH. RIH w/1.6875" tbg broach. Work broach through tight spot @ 8970' - 9100' & RIH to 11800' - POH. 2.375" tbg still appears tight 8970' - 9100'. SICIP 0#. TIH w/1.875" OD taper tap w/cutrite on outside face, 12 jts 1.660" OD, MT drill pipe, 2.375" CS tbg. Went into tbg fish @ 8931' & tag @ 8970'. Mill to 8975' - could not get any deeper. Pull 25 jts tbg - indications fish is hanging on taper tap. Could not pull any further up hole. RIH to bottom, then PU 3'. SITP/SICIP 0#. Work fishing tools & fish out of hole (pkr dragging). Rec 92 jts 2.375" CS tbg & Arrowset I-X pkr. SICIP 0#. TIH w/bull plugged Arrowset I-X pkr (as RBP) on 2.375" tbg. Set RBP @ 9700'. TOH w/retrieving tool. TIH w/Arrowset I-X pkr, 312 jts 2.375" tbg. Left pkr swinging @ 9300'. SITP/SICIP 0#. Continue TIH w/pkr. Set pkr @ 9680' & pressure tbg to 1000# - OK. PU & set pkr @ 9355' (313 jts in hole). Attempt to pressure test 3.5" csg - communicating w/2.875" csg. Pressure tbg to 1500# - bled to 500#/5 min w/no apparent communication to 3.5" csg. Swab 46 BW w/no sh oil or gas. Rec 2 BW last hr of swabbing f/pkr. SITP 80#. Blew dn tbg w/no liquid to surf. FL 7600'. Rec 200' oil on top of 1st swab run; Swab 22 BW w/1% oil cut & wk sh of gas ahead; Rec 3 BW/hr last 3 hrs of swabbing f/pkr. SITP 200#. Blew dn w/no liquid to surf. FL 5500'. Rec 500' oil on top of 1st swab run. Rec 14 BW w/tr oil. FL @ pkr. Treat Wolfcamp dn 2.375" tbg w/6000 gal 15% NE Fe HCl + 35 bio-ball sealers. Displ w/2% KCl wtr. No BDP observed. ATP 4000#. AIR 1.0 BPM. ISDP 3560#. 5 min 3150#, 10 min 2900#, 15 min 2800#. 182 BLTR. Flow 14 BW. Swab 55 BW w/tr oil & bl of acid gas. FL 5000'. 113 BLTR. SITP 500#. Blew dn tbg w/no liquid to surf. FL 5000' scattered to 7000'. Swab 90 BW + 30 BO/9 hrs. FL 6500' scattered to pkr. Rec good sh of gas v/o day. 23 BLTR. SITP 450#. Blew dn tbg w/no liquid to surf. FL 3500'. Made 2 swab runs w/ave 45% oil cut. Rel pkr & TOH. TIH w/RBP retrieving tool on 2.375" tbg. Latch onto RBP @ 9700'. PU & set RBP @ 9300'. RIH w/swab. FL 4000'. Swab 19 BW. FL 8000'. RIH w/swab & tag FL @ 8000' (no entry overnight). Rel RBP & TOH. Waiting on TAC/tbg seal divider equipment. SICIP 200#. Blew dn w/no liquid to surf. TIH w/TAC, tbg seal divider skirt (looking up), seal nipple, 1.78" seat nipple, 323 jts 2.375", 4.7#, L-80, CS Hydril tbg. Set TAC @ 9655' w/12K tension. NDBOP/NU wellhead. SITP 0#. RIH w/1.25" x 20' pump (w/1" x 8" strainer nipple), 268 - .75" rods, 116 - .875" rods, 1.25" x 26' polish rod w/16' liner. Spaced & seated pump. Load tbg & check pump action - OK. Hung on & left well pumping overnight. Well pumping OK this AM. Rel well service unit. Return well to production.

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 Traci Cornish TITLE ENGINEERING TECH DATE 10-4-06

Type or print name Traci Cornish

E-mail address: traci@chaparralenergy.com

Telephone No. (405)478-8770

For State Use Only

APPROVED BY: Chris Williams TITLE DISTRICT SUPERVISOR/GENERAL MANAGER DATE OCT 17 2006
Conditions of Approval (if any):

2A Bronco Siluro Devonian