

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 30-015-25653
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP.		6. State Oil & Gas Lease No.
3. Address of Operator 333 WEST SHERIDAN AVENUE, OKC, OK 73102		7. Lease Name or Unit Agreement Name HB 2 State
4. Well Location Unit Letter <u>2</u> : 1980 feet from the <u>North</u> line and <u>660</u> feet from the <u>West</u> line Section <u>2</u> Township <u>24S</u> Range <u>29E</u> NMPM Eddy, County New Mexico		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 6137
		10. Pool name or Wildcat 74480 Ceder Canyon; Morrow (Gas)

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 ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 27 2015

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 19.15.7.14 NMAC. For Multiple Completions: Attach Wellbore diagram of proposed completion or recompletion.

Devon Energy Production Company, LP respectfully requests to run an MIT on the referenced well with the attached procedures. This is an amendment to the Approved NOI on 04.10.15

Please see attached procedures and Wellbore Schematic for the recompletion

Attachment: Recompletion Procedures & Wellbore Schematic

TA status may be granted after a successful MIT test is performed. Contact the OCD to schedule the test so it may be witnessed.

LAST PROD 7/1/2014

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

SIGNATURE Erin Workman TITLE Regulatory Compliance Professional DATE 04.27.15

Type or print name Erin Workman E-mail address: Erin.workman@dvn.com PHONE: (405)552-7970

For State Use Only

APPROVED BY: Rebecca Inge TITLE COMPLIANCE OFFICER DATE 4/27/15
Conditions of Approval (if any):

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: H B 2 State 1		Field: Cedar Canyon	
Location: Sec 2-24S-29E		County: Eddy	State: NM
Elevation: 3,067		Spud Date:	Compl Date:
API#: 30-015-25653	Prepared by: Mitchel Doolin	Date: 2/16/15	Rev:

17-1/2" Hole
13-3/8", 61#, K55, ST&C, @ 275'

12-1/4" Hole
10-3/4", 60.7#, HC-95, @ 3,025'

Top of 5" Liner @ 9,924'

9-1/2" Hole
7-5/8", 33.7/39#, P110/C-95, @ 10,430'
 7-5/8", 33.7#, P-110, 0-2,955'
 7-5/8", 39#, C-95, 2,955-7,096'
 7-5/8", 33.7#, P-110, 7,096'-10,430'

Perforations (Morrow) 11/19/1986
 13,449' - 13,451'
 13,454' - 13,462'
 13,556' - 13,564'
 13,574' - 13,576'

6-1/2" Hole
5", 18#, N-80, @ 14,030'

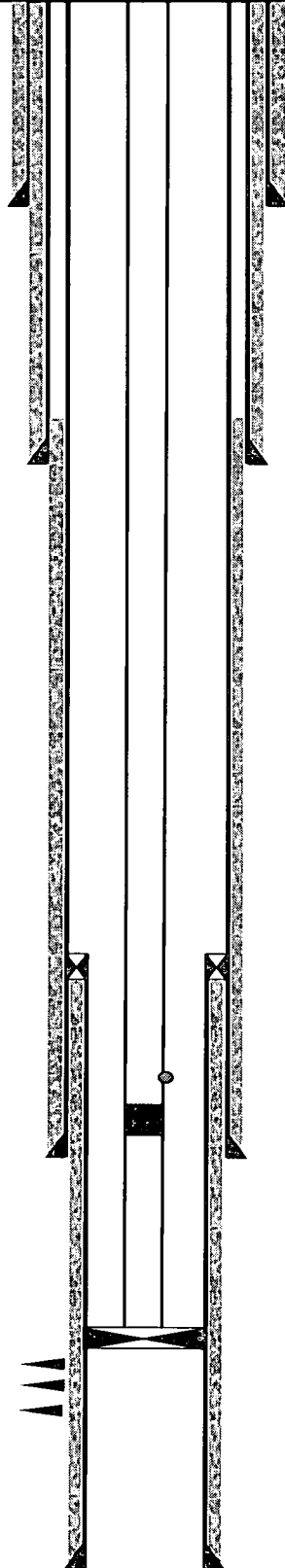
Tbg Details

2-3/8", 4.7#, N-80 Tbg @ 13,296'
 Obstruction @ 12,130', holes in tbg @
 12,113' (3/9/2015)

Holes in tbg @ 12,113' shot 3/9/2015

tbg blockage @ 12,130' (3/9/2015)

Possibly packer in the hole @ around 13,329'



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: H B 2 State 1		Field: Cedar Canyon	
Location: Sec 2-245-29E		County: Eddy	State: NM
Elevation: 3,067		Spud Date:	Compl Date:
API#: 30-015-25653	Prepared by: Mitchel Doolin	Date: 2/16/15	Rev:

17-1/2" Hole
13-3/8", 61#, K55, ST&C, @ 275'

12-1/4" Hole
10-3/4", 60.7#, HC-95, @ 3,025'

Top of 5" Liner @ 9,924'

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Perforations (Morrow) 11/19/1986
 13,449' - 13,451'
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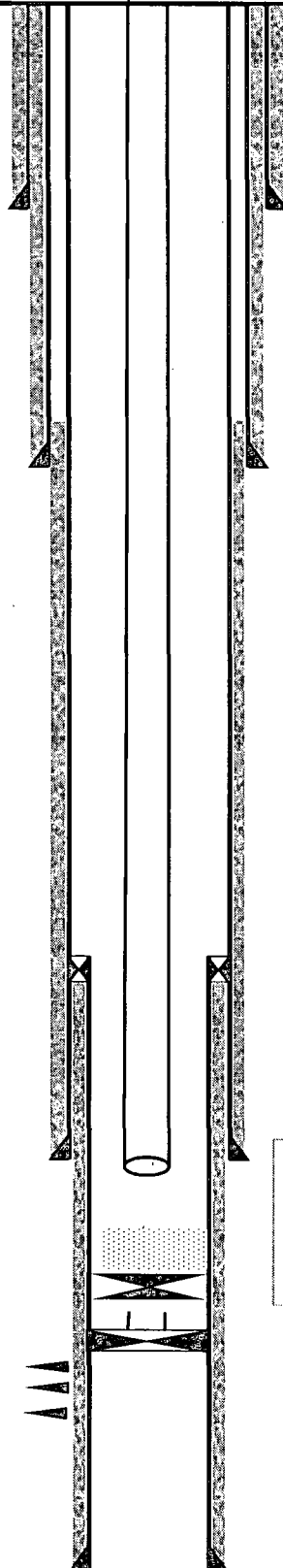
6-1/2" Hole
5", 18#, N-80, @ 14,030'

Tbg Details

2-3/8", 4.7#, N-80 Tbg @ 13,296'
 Obstruction @ 12,130', holes in tbg @
 12,113' (3/9/2015)

Propose fishing tbg down to just above packer. Latch onto packer and attempt to release/jar free. If unsuccessful RIH w/ RBP setting as close to packer as possibler. Dump bail sand on top of RBP to TA well. Pickle wellbore with corrosion inhibited fluid.

Possibly packer in the hole @ around 13,329'



DVN: **H B 2 State 1**

API #30-015-25653

SL: 1,980' FNL & 660 FWL

Sec 2-T24S-R29E

Eddy County, NM

3/5/15

WBS #

Purpose: Fish tbg down to Packer, Temporarily Abandon Wellbore

GLM: 3,067'

KBM: 3,092'

KB: 25' AGL

Well spud - T.D. - 14,030'; PBTB - 14,030'

Casing and Tubing Data:

Size	Wt. lb/ft	Grade	Interval	(80% S.F.) Collapse	(80% S.F.) Burst	Drift	Capacity (bbls/ft)
13-3/8"	61	K-55	0 - 275'	-	-	-	-
10-3/4"	60.7	HC-95	0 - 3,025'	-	-	-	-
7-5/8"	39	P110	0 - 10,430'	6,296	8,688	6.5"	0.0445
5" Liner	18	N-80	9,924' - 14,030'	8,392	8,112	4.151"	0.01776
2-3/8"	4.7	N-80	0 - 13,321'	9,424	8,960	1.901"	0.003867

2-3/8" x 5" csg capacity: 0.01228 bbl/ft, 2-3/8" x 7-5/8" csg capacity: 0.03902 bbl/ft

5" csg - Liner Top @ 9,924'

Existing Production string (top down):

XX Jt, 2-3/8", 4.7#, N-80 tbg (13,321')-Depth based on wellview report

Tbg blockage @ 12,130', perforated tbg @ 12,113'. Believe Packer @ 13,329' is the reason for tbg being stuck.

Morrow Perfs

13,449' - 13,576'

Safety: All personnel will wear hard hats, safety glasses with side shields, and steel toed boots while on location. Assess wellhead working height for safety. If needed, use work platform or man-lift for fall protection. Tailgate safety meetings are to be held each morning prior to beginning work and with prior to change in operation.

H B 2 State # 1

Procedure:

1. Test and/or install and test anchors. MIRU WSU. Spot all necessary equipment. Record pressures on tbg and csg. Top kill tbg (if required) with a minimum of **4% KCL fluid**.
2. ND wellhead, NU and test BOP per Devon guidelines
3. ~~Install TIW valve w/ pressure gauge on top of tubing.~~ Pump down csg bringing pressure to 700psi and hold for 10 min (use minimum of 4% KCL). Monitor tbg and csg pressure while pumping fluid. If tbg and csg pressure remain constant after 25bbls report to Devon Engineer.
4. Close TIW valve and Attempt to unset arrowset packer @ 13,329', if unsuccessful attempt to release from on/off tool. If unable to release packer or get off packer proceed to step 5. If packer releases TOO H w/ tbg recording BHA and proceed to step 11

Note: Have a Weatherford tool hand and fishing hand on location to release packer

5. MIRU wireline unit and make gauge run down to tbg blockage @ 12,130 with spudder bars and CCL (Contact engineer with CCL log). RIH with Chemical cutter and cut tbg based off CCL log.
6. TOO H strapping tbg on the way out (if tbg is in bad condition lay it down and pick up Devon workstring).

Note: Strap all tbg fished out of the hole and record depth of new fish top with each cut

7. RIH w/ overshot, collars and jars. Latch onto fish and attempt to jar fish free. If unsuccessful TOO H and lay down collars, TIH w/ overshot and ported sub, latch onto fish. RU wireline and RIH with outside backoff shot. Backoff tbg 2-3 jts below tbg obstruction and TOO H.
8. If backoff shot fails to backoff tbg, Release overshot and TOO H. Pickup and RIH w/ 200' washpipe and external cutter. Wash over fish to 12,000' and cut tbg. TOO H w/ fish, check if bottom of fish is plugged. If tbg plugged make another run with external cutter, cutting an additional 150'.

Note: If unable to fish tbg with either method above we will need to call for coil tbg to clean out tbg obstruction.

9. When clear tbg is reached lay down wash pipe and RIH w/ overshot, and latch onto fish. RU wireline, run in w/ chemical cutter and cut tbg 1-2 jts above packer (base cut off CCL log cut tbg in middle jt). TOO H.
10. RIH w/ overshot, collars and jars. Latch onto fish and attempt to jar packer free. If unable to move packer TOO H.

11. Pick up and RIH w/ 5" RBP setting plug 50' above current fish top (If able to release packer in step 4 RIH w/ 5" CIBP and set @ 13,400').

Note: Consult w/ Devon Engineer and State Rep prior to setting any downhole plugs

12. RU wireline, RIH and dump bail 35' of sand on top of RBP.
13. RIH w/ tbg open ended and tag sand. Pick up 100', ND BOP, NU wellhead, circulate hole w/ 4% KCL w/ corrosion inhibitor (about 480 bbls). Pressure CSG to 700 psi w/ chart recorder for 30 min.
14. RDMO

Contact	Company	Office #	Mobile #
Mitchel Doolin	Devon (engr)	405-552-7921	307-371-6875
Danny Velo	Compl Foreman	575-748-1806	575-703-3360
Aaron Kidd	Assistant Foreman	575-748-9936	575-513-1770