

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

WELL API NO. 30-015-22307
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Bogle State Com
8. Well Number 1H
9. OGRID Number 6137
10. Pool name or Wildcat Diamond Mound; Upper Penn (G)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3578' GL

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
Devon Energy Production Company, LP 405-228-7203

3. Address of Operator
333 West. Sheridan Avenue
Oklahoma City, OK 73102-5015 405-228-7203

4. Well Location
Unit Letter : 2560 feet from the North line and 660 feet from the East line
Section 2 Township 16S Range 27E NMPM Eddy County

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: Recomplete ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Devon Energy Production Company, L.P. respectfully requests to Recomplete the subject well. Please see Procedure and Schematics attached, thank you.

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 12 2014

RECEIVED

SIGNATURE

Trina C. Couch

TITLE: Regulatory Associate

DATE 6/11/2014

Type or print name: Trina C. Couch

E-mail address: trina.couch@dvnm.com

PHONE: 405-228-7203

For State Use Only

APPROVED BY:

T. C. Shepard

TITLE

"Geologist"

DATE

6-12-2014

Conditions of Approval (if any):

DVN: Bogle St Com #1
API #30-015-22307
Lat/Long: 32° 57' 27.648" N, 103° 14' 32.064" W
Sec 2-T16S-R27E
Eddy County, NM

WBS: TBD

Purpose: Recomplete uphole

GLM: 3,578' KBM: 3,590' KB: 12
T.D. 8,780' Well spud: 12/22/1977 PBTD: 6,440'

Casing and Tubing Data:

Size	Wt. lb/ft	Grade	Interval	(75% S.F.) Collapse	(75% S.F.) Burst	Drift	Capacity (bbls/ft)
13-3/8"	72	H-40	0 - 345'	577	1,297	12.56"	-
8-5/8"	24	K-55	0 - 1632'	1,027	2,212	7.97	-
4-1/2"	11.6	K-55	0 - 1571'	3,720	4,012	3.875"	0.0155
4-1/2"	10.5	K-55	1571 - 6164'	3,007	3,592	3.927"	0.0159
4-1/2"	11.6	K-55	6164 - 8780'	3,720	4,012	3.875"	0.0155
2-3/8"	4.7	J-55	0 - 6340'	6,075	5,775	1.9"	.00387

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.**

Bogle St Com #1
Procedure:

1. **Notify all regulatory agencies prior to initiation of work (if required) and Devon EHS personnel.** Hold tailgate safety meetings prior to RU each morning and before each operational change or event.
2. Test and/or install anchors. MIRU WSU. Spot necessary enclosed tanks, flare stack and temporary flow lines to equipment. Record pressures on tbg, and csg.
3. Well TA'd. If WH pressure present, blow down to frac tanks. If well continues to flow, circulate 2% KCl or 10# brine if necessary. After well is in static conditions continue to step 4.

4. ND well cap, NU 10K BOPE and test. Wolfcamp formation could be over pressured.
5. PU tubing and RIH to tag plug at 6,440'. TOH tbg tally and visually inspect.
6. PU 2-3/8" work string and 3-7/8" bit and scraper, RIH to PB (+/-6,440'). TOH LD bit/scraper
7. PU packer RIH on 2-3/8" set at 50'. Pressure test below packer to 500 psi. POH packer. PU 4-1/2" RBP, RIH set at +/-50', dump 2' sx of sand on top of RBP.
8. **There is a very shallow hole in the 4-1/2" csg, 2' below the wellhead.** Disassemble wellhead down to prod 4-1/2" production csg and report status of TOC and location of hole to Artesia and OKC. Discuss with completions foremen best way to repair or sqz this hole. Hole must pressure test before continuing with workover. Dump bail or spot cement from surface and drill out if necessary. Do NOT attempt to sqz cement down 4-1/2" x 8-5/8" annulus without approval. Drill out cement and circulate out sand. RIH to retrieve RBP. Once shallow hole is repaired, continue with recompletion.
9. RU WL, RIH with CBL, CCL, GR. Log from PB to surface at 0 psi. Verify cement top at surface.
10. PU rental 4-1/2" packer TIH on work string to 6,330'. Pressure test csg to 3,500 psi. Assuming the pressure test passes, unseat packer. TOH.
11. RU TCP guns on 2-3/8" tbg RIH to 6,364', perf 4-1/2" csg at 6,364'-6,360' 6 SPM, 60 degree phasing. Drop bar to remove guns from tbg. Leave spent guns in rat hole.
12. RU acid crew and breakdown perfs with 2,000 gal 7.5% HCl NEFE. **Max pressure is 3,500 psi.** Estimated treating pressure is 3,175 psi @ 3 bpm. Displace and overflush with 80 bbl 2% KCl. Record ISIP, 5, 10, 15 min pressures. RD acid crew. Wait on acid 4 hrs.
13. Flow well back if pressure at surface. Once well static, circulate with 2% KCl. PU and TOH 2-3/8" tbg. Keep hole full while tripping out.
14. PU and RIH production string as follows, test tbg to 5000 psi while RIH.
 - a. 2-3/8" nipple with pump off plug set at +/-6,310'
 - b. X-Nipple 1.791" profile
 - c. 202 jts 2-3/8" 4.6# J-55 tbg.
15. Land tbg ND BOPE, NU WH. RU swab line to kick off well. Swab rest of work day plus 1 more day. Leave SI overnight. If well does not kick off on second day, RDMOL WSU, RU swab rig.
16. Once well kicked off, turn over to production.

Note: Any future slickline tools need to have a smooth surface to prevent coating damage.

Contact	Company	Office #	Mobile #
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Ronnie Carre	Completions Foreman	(575)748-0179	(575)748-5528
Tony Bunch	Completions Foreman	(575) 746-5581	(575) 499-5432
Trevor Klaassen	Engineer	(405) 552-5069	(405) 850-5870
Roy White	Production Foreman	(575)748-0194	(575)513-1741

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: BOGLE STATE COM 1		Field: DIAMOND MOUND	
Location: 2560' FNL & 660' FEL; SEC 2-T16S-R27E		County: EDDY	State: NM
Elevation: 3590' RKB; 3578' GL		Spud Date: 10/22/77	Compl Date: 12/8/77
API#: 30-015-22307	Prepared by: Ronnie Slack	Date: 4/16/14	Rev:

RECOMPLETION SCHEMATIC

17-1/2" hole

13-3/8", 72#, H40, YB BT&C, @ 345'

Cmt'd w/350 Sx + 4 yds redi-mix to surface

11" Hole

8-5/8", 24#, K55, ST&C, @ 1632'

Cmt'd w/675 Sx. TOC @ 130' (temp survey)

WOLFCAMP

6,360 - 6,364' 6 spf

2,000 gal 7.5% HCl Acid stimulate

Perfed 3 sqz holes @ 6490'. Sqzd 1250 sx cement to surface--(2/14/81)

WOLFCAMP (11/15/06)

6,512 - 6,516' 4 spf

swab dry, no gas-11/16/06

11/16/06 Acidize w/1000 gals 15% HCl

TOC @ 6540' (cbl)

PENN (6/22/02)

7926' - 7932' 4 SPF

7994' - 8003' 4 SPF

6/24/02: acidized w/1500 gals 15% HCl

MORROW (ATOKA) (12/5/77)

8438 - 8446

8578 - 8583

8600 - 8602

7-7/8" Hole

4-1/2", 11.6#, K55, LTC, 0 - 1571'

4-1/2", 10.5#, K55, STC, 1571' - 6164'

4-1/2", 11.6#, K55, LTC, 6164' - 8780'

Cmt'd w/730 Sx

1/80: Casing inspection log indicated possible holes from 4988-4998' and pitting from 4766-5088'. 3 sqz holes shot at 6490' and 1250 sx cement squeezed up 4-1/2" annulus to surface.

202 Jts, 2-3/8", 4.7#, J55, production tubing
EOT @ 6,340'

PBD @ 6,440' (5/21/10)
CIBP @ 6,475', w/35' cmt on top. (5/21/10)

PBD @ 7,865' (5/20/10)
CIBP @ 7,900', w/35' cmt on top. (5/20/10)

35' Cement. PBTD @ 8365'
CIBP @ 8400' (6/21/02)

PBTD @ 8714'

8780' TD

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