

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

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. 30-045-32316
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator 501 Westlake Park Blvd., Three Eldridge Place, 12.181A Houston, TX 77079		7. Lease Name or Unit Agreement Name Best Gas Com
4. Well Location Unit Letter <u>P</u> : <u>840</u> feet from the <u>South</u> line and <u>1040</u> feet from the <u>East</u> line Section <u>21</u> Township <u>32N</u> Range <u>10W</u> NMPM County <u>San Juan</u>		8. Well Number 1M
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5917'		9. OGRID Number 000778
		10. Pool name or Wildcat Basin Dakota, Blanco-Mesaverde

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 ☐

OTHER: Re-Perforate-Frac MV, P&A Dakota ☒

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.

Please see the attached re-perf and plug back of the DK operations for the subject well.

DHC 1513

Spud Date:

09/14/2004

Rig Release Date:

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

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 09/11/2017

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

For State Use Only

APPROVED BY: Bob Roll TITLE Deputy Oil & Gas Inspector,
District #3 DATE 9/22/17

Conditions of Approval (if any):

AV

Best GC 001M
API 30-045-32316

DK P&A and MV recompletion – Operations Summary

Aug 17, 2017 – MIRU service unit; pull completion
Aug 18, 2017 – Round trip string mill to 7464'; RIH & set cement retainer to 7440'; test retainer w/ 20K # pull; Spot 25 sks of cement on top of retainer (1.15 cft/sk; 15.80 ppg); POH tubing
Aug 19, 2017 – RIH w/ 4 ½" CBP, 1 jt of tubing and 4 ½" packer; set CBP @ 5084'; pull 1 jt; circulate hole w/ 80 bbls of water; set packer @ 5052'; pressure test CBP to 4300 psi – good test; release packer; MIT casing to 4270 psi for 30 min – good test; POH tubing and packer
Aug 20, 2017 – N/D BOP; NU frac stack and pressure test; RDMO service unit
Aug 22, 2017 – MIRU e-line unit and frac equipment; perforate stage 1 intervals 4964 – 4968', 4972 – 4976', 4986 – 4990', 5002 – 5004', 5026 – 5028', 5040 – 5044', 5048 – 5050'; all intervals shot w/ 3 1/8" gun @ 4 spf, 90 deg phasing; frac stage 1: 45Q slickfoam @ 50 bpm; screen out w/ 60,000 # sand in formation; open well to flowback tank on 16/64" choke; work choke up to 32/64" – recover 106 bbl of fluid; pump in 72 bbl of fluid until pressured up; shut well in w/ 368 psi on
Aug 23, 2017 – Well pressure 310 psi; RIH w/ 3.7" gauge ring – tag top of sand @ 4796'; POH; RDMO e-line and frac equipment
Aug 25, 2017 – MIRU service unit
Aug 26, 2017 – RIH to +/- 3000'; could not pump down tbg; POH & removed blockage from tubing; RIH to 3000'
Aug 27, 2017 – Continue RIH and clean out sand to 5082'; pull up above perforations and pump 80 bbls of fluid
Aug 28, 2017 – ND BOP; NU frac stack; RDMO service unit
Aug 29, 2017 – MIRU e-line and pump truck; RIH and set CBP @ 4932' perforate stage 2 intervals 4842 – 4844', 4848 – 4858', 4866 – 4868', 4878 – 4890', 4896 – 4898', 4904 – 4912'; all intervals shot w/ 3 1/8" gun @ 4 spf, 90 deg phasing; pump 90 bls @ 7 bpm – no pressure; RDMO e-line and pumping equipment
Sept 04, 2017 – MIRU frac equipment; frac stage 2 w/ 70Q slickfoam @ 47.6 bpm; max pressure 3319 psi; avg 3035 psi; 135K # 20/40; RDMO frac equipment
Sept 05, 2017 – WHP 712 psi; open well on 16/64" choke; work choke up to 32/64" – recover 11 bbl fluid in 3 hrs; shut well in when LEL detected; RDMO flowback equipment
Sep 06, 2017 – MIRU service unit; ND frac stack; NU BOP; RIH w/ 3 7/8" mill; D/O CBP's @ 4932' and 5084'; RIH and tag TOC @ 7003'; POH D/O assembly; RIH w/ 2 3/8" 4.7# J55 production tubing to 5343'; ND BOP; NU WH; RDMO service rig; clean location



BEST GC 001M

MV

API # 30-045-32316

Unit P - Sec. 21 - T32N - R10W

San Juan, NM

GL 5917'
14' KB

9 5/8" 32.3# H40 ST&C @ 476'

13 1/2" hole

361 sx G

TOC @ surf (circ)

Kick off at 485'

3 degree build to 1119'

24.6 deg hole angle

Begin drop at 3193'

Vertical at 4051'

DV Tool @ 2517'

Tbg String

Length

MS 2 3/4", 4.7# J55	2
F Nipple 2 3/4" / 1.78"	1
Tbg 2 3/4" 4.7# J55, 162 jts	5326

7" 20# J 55 ST&C @ 3193'

8 3/4" hole

215 sx G + 355 sx G/POZ

TOC @ surf (30 bbls circ)

MV Perfs

4842 - 4912, 4 spf (gross)

frac w/ 70Q slickfoam; 135K # 20/40

4964 - 5050, 4 spf (gross)

frac w/ 45Q slick foam;

S/O w/60K # 20/40 in formation

5097 - 5235', 4 spf

5266 - 5397', 2 spf

TOC @ 7003'

CR @ 7440'

DK Perfs

7453 - 7488', 2 spf

7507 - 7677', 4 spf

F Nipple @ 5339'

EOT @ 5343'

PBTD 7680'

TD 7688'

4 1/2" 11.6# J 55 LT&C @ 7684'

Marker Jts @ 4150' and 7071'

6 1/4" hole

379 sx

TOC @ 2800' (CBL 2004)