

Submit 1 Copy 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
October 13, 2009

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

WELL API NO. 30-045-33218
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 Valentine Gas Com
8. Well Number 1M
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5984'

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

BP America Production Company

3. Address of Operator

P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter **C** : **350** feet from the **North** line and **2420** feet from the **West** line
Section **32** Township **32N** Range **10W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5984'

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER **Reference RBDMS KGR0930630621** ☒

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.

Ref: RBDMS KGR0930630621

Please see attached procedure per phone conversation with Charlie Perrin & Kelly Roberts regarding the intermediate pressure on the above mentioned well.

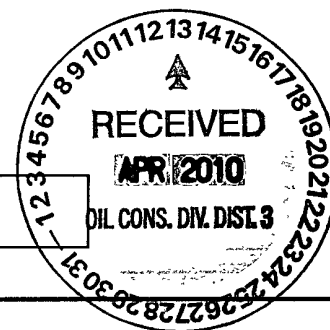
Should you have any questions please call Anne Handsford @281-366-8619

Notify NMOC 24 hrs
prior to beginning
operations

Spud Date:

07/31/2006

Rig Release Date:



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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 03/22/2010

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com PHONE: 281-366-4081

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: Kelly G. Bodd TITLE Deputy Oil & Gas Inspector, District #3 DATE 4-15-10

Conditions of Approval (if any):

* SEE MIT REQUIREMENTS PAGE 4 *

B 4-15



BP - San Juan Wellwork Procedure

Valentine GC 1M- DK

Formation:	DK	Job Objective:	Fix intermediate pressure.
Project #:		Date:	3/10/2010
Engineer:	Anne Hansford	p. 281.366.8691	c. 713-540-3386
Production Contact:	Rocky Deromedi	p. 505.326.9471	c. 505.486.0942
Optimizer:	Mike McMahan	p. 505.326.9231	
Backup Engineer:			

Well Information:

API Number:	<u>30-045-33218</u>
BP WI:	<u></u>
Run #:	<u></u>
Surface Location:	<u>Sec. 32, T32N, R10W</u>
Meter Number:	<u>86475</u>
Well FLAC:	<u></u>
Cost Center:	<u></u>
Lease FLAC:	<u></u>
Restrictions:	<u>N/A</u>
Regulatory Agency:	<u>NMOCD</u>
Compressed (Y/N):	<u>N</u>

Production Data:

Tubing Pressure:	<u>123 psi</u>
Casing Pressure:	<u>200 psi</u>
Line Pressure:	<u>100 psi</u>
Pre-rig Gas Rate:	<u>400 MCFD</u>
Anticipated Uplift:	<u>None</u>
Water Rate:	<u>~3 BWPD</u>
CO2 (%):	<u>302%</u>
H2S (PPM):	<u>N/A</u>
Gas BTU:	<u>984</u>
Artificial Lift Type:	<u>None</u>
TUBING	<u>2-3/8" EUE and Hydrill @ 6389'</u>

Basic Job Procedure:

1. Set plugs in tubing and TOH with tubing
2. Set plug at 7040' and fill hole.
3. Perforate @ 2950' and set retainer @ 2900'
4. Sting into retainer and attempt to establish circulation.
5. If Circulation is established, pump cement into annulus to surface. Run CBL to confirm TOC.
6. Re-land tubing and return to production.

Safety and Operational Details:

ALL work shall comply with DWOP E&P Defined Operating Practice.

Well History:

Valentine GC 1M- DK was completed in 2006. The intermediate annulus currently builds up to 1000 psi. After 15 minute blowdown the intermediate annulus has a pressure of 420 psi.

Standard Location Work:

1. Perform pre-rig site inspection, size of location, gas taps, other wells, other operators, running equipment, wetlands, wash, H2S barriers if needed for equipment. Landowner issues, buried lines in pits, raptor nesting, critical location, check anchors. Check ID wellhead, determine if equipment is acceptable or obsolete and replace if necessary, if digging is required have One Call made 48 hours. Follow ground disturbance policy.
2. Perform second site visit, checking anchors and barriers if needed. Ensure lines are marked so that they clearly designate pit locations. Discuss and turnover handover sheet with someone from operations team and wells team. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

Rig Procedure:

3. Contact NMOCD 24 hours prior to conducting work.
4. Hold pre-job safety meeting and discuss JSA with everyone on location. JSA should cover: heavy lifts, pinch points, location hazards, pressure hazards, proper PPE and 8 golden rules of safety/IFF. Make sure everyone has preformed their LOTO and knows they have the right to stop the job.
5. Check and record casing pressure, intermediate, and Bradenhead pressures. Record all pressures into DIMS. Notify engineer if Bradenhead pressures exist. Check gas H2S content and treat if the concentration is > or equal to 10 ppm.
6. MIRU workover rig.
7. Insure double casing valves are installed. Spot and lay 3" line and tank to blow down well.
8. Move in Wireline unit, equipment and crew. Be sure to fill out necessary work orders. Wireline must perform LOTO and JSA. RU unit with a lubricator and BOP. Pressure test lubricator and BOP to 250psi for 5 min and 700psi full test. Chart results and record passing test in DIMS (NAG DWOP deviation for lubricator testing on MCO and LCO wells).
9. Two barriers will need to be set in order to break containment – there is a X-nipple @ 6944' with 1.625" bore size and a F-nipple @ 6949 with 1.435" bore size. Each time the lubricated connection is broken, it will need to be pressure tested for a quick 5 min test and document in DIMS. Contact engineering if these barriers cannot be used. If wellhead has profile for Back Pressure valve, rig up High Tech, pressure test lubricator and equipment to set two-way check in wellhead profile. Test will need to be charted and recorded in DIMS.
10. Blow down backside to flow back tank, record pressures while blowing well down if possible.
11. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the flow back tank. Pressure test BOPs. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover. Remove wellhead back pressure valve if used.
12. Pull tubing hanger and shut pipe rams and install stripping rubber.
13. **POOH with 2-3/8" EUE (6389') with crossover to 2-3/8" hydril with final depth @ 6947'.**

14. RIH and set RBP @ **7040'**. Place sand on top of RBP. Load hole with fluid and pressure test 5-1/2" casing. If no fluid or pressure loss is apparent, RIH with scraper to ensure logging tool does not get stuck.
15. RIH with perforating guns and perforate at **2950'**.
16. RIH and set cement retainer at **2900'**. Sting into retainer and establish circulation. If establish circulation pump cement into 5-1/2" by 7-5/8" annulus to surface – 214 sxs class G cement. **If no circulation is establish, contact engineer before pumping cement.**
- * SEE BELOW
17. Pull RBP.
18. RU E-line and run CBL to confirm TOC.
19. RIH with existing tubing and tag PBTD. Contact engineer to determine if any cleanout needs to be conducted.
20. Land tubing.
21. Pressure test tubing to 500 psi with air unit, Pressure test hanger seals. Pressure test will need to be charted and recorded undisturbed for 30 minutes. Check all casing string for pressure.
22. Hand well and information over to operations.
23. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Have discussion with production engineer/optimizer about particulars of well when handing off the well file.

* AFTER SQUEEZE OPERATIONS, PERFORM A MECHANICAL INTEGRITY TEST
THAT MEETS THE REQUIREMENTS OF NMOCB RULE 19.15.25.14

Valentine GC 1M - DK

Sec 32, T32N, R10W

API # 30-045-33218

GR: 5984'

History:

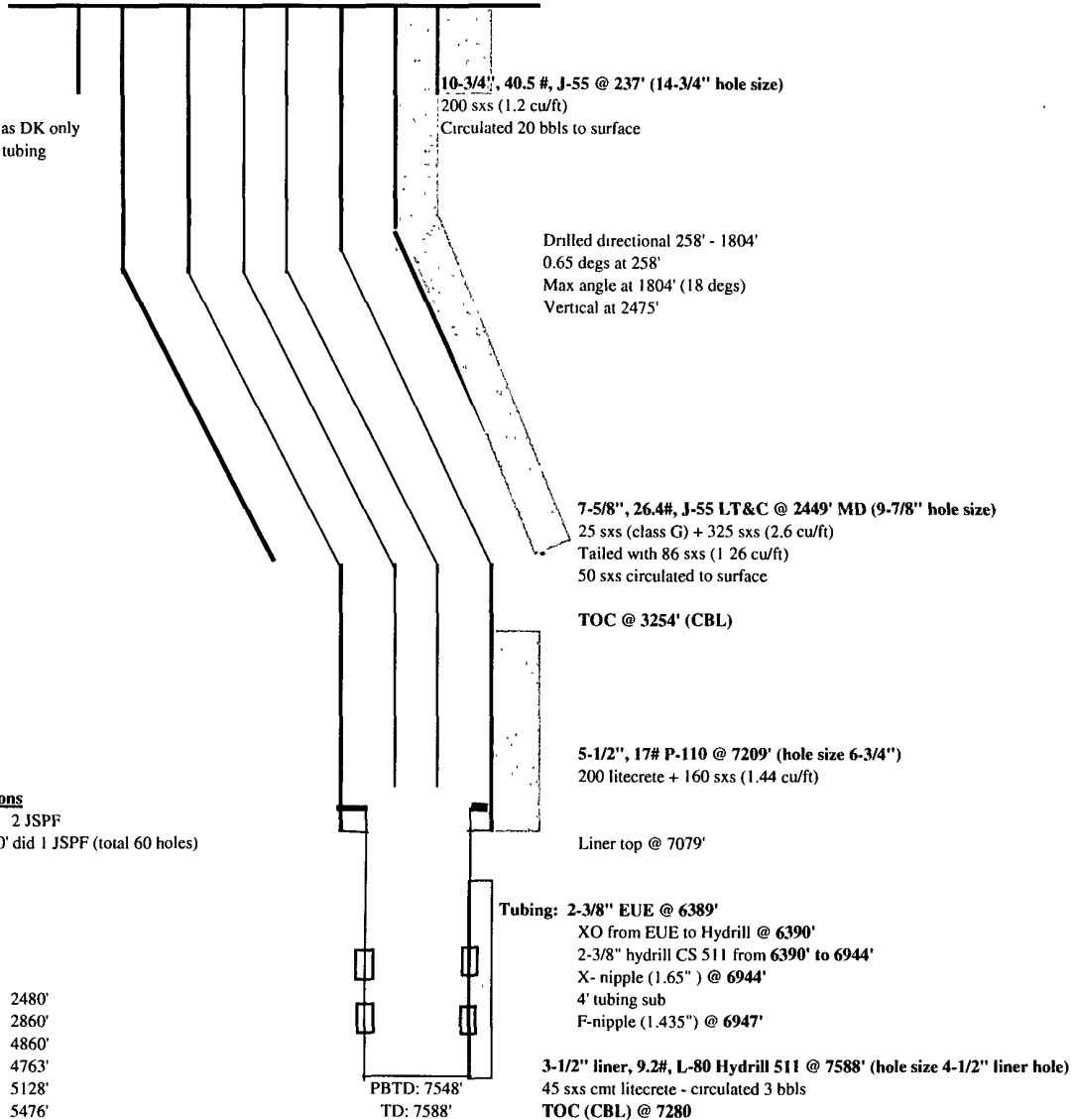
9/6/06 Completed as DK only
11/2006 Installed tubing

Dakota Perforations

7350' - 7500' 2 JSPF
from 7460' - 7500' did 1 JSPF (total 60 holes)

Formation Tops:

Ojo Alamo	
Kirtland	
FT	2480'
PC	2860'
Cliffhouse	4860'
Menefee	4763'
PTLO	5128'
Mancos	5476'
Greenhorn	7178'
Dakota	7297'
Paguate	7373'
Upper Cubero	7410'



updated: 7-30-09 AH