

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0135
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS.

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED
OCT 03 2008
Bureau of Land Management
Field Office

Lease Serial No

NMSE-079319

Indian, Allottee or tribe Name

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No
2. Name of Operator BP AMERICA PRODUCTION COMPANY		8. Well Name and No. SCHWERTDFEGER A 2M
3a. Address PO BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) 281-366-4081	9. API Well No 30-045-32532
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2010' FNL & 1280' FWL; SEC 31 T28N R08W SENW Mer NMP		10. Field and Pool, or Exploratory Area BASIN DAKOTA & BLANCO MESAVERDE
		11. County or Parish, State SAN JUAN, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

2/2
10/9

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water shut-Off
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Set a CIBP</u>
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Bp respectfully request to set a CIBP above the lower Dakota @ 6685'. To shut off some scaly water. Also, to set a RBP @ 6460' above the Dakota to produce the Mesaverde zone by itself for 3 months to drop out some sand and clean up.

RCVD OCT 7 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Kristen Holder

Title Regulatory Analyst

Signature

Kristen Holder

Date 09/29/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason	Title	Date OCT 03 2008
Approved by	Office	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

5

Well Work Procedure

API #: 30-045-3253200

Well Name: SCHWERDTFEGER A 2M H2S WELL
Location: T28N-R08W-Sec31
County: San Juan
State: New Mexico **Engr:** Audrey Rasmussen
Horizon: Mesaverde/Dakota **Office** (505) 326-9485
CO2 : 1.1%
H2S : Yes- 2 PPM (10/18/07)
Date: September 22, 2008
Repair Type: Well Servicing

Objective: Pull tubing, cleanout wellbore, reland tubing, and return to production.

1. Pull tubing out
2. Inspect tubing and remove swab tools. If scale present, notify engineer and take sample.
3. Clean out wellbore to below Paguate formation @ 6710'
4. Place CIBP @ 6685' to shut off Burro Canyon zone in the Dakota.
5. Place RBP @ 6460' to isolate Dakota zone.
6. Land tubing in MV zone @ 4540'
7. Return well to production with 2-3/8" tubing.

History: Well was first delivered in 2005. This has both Mesa Verde and Dakota formation open. A Compressco compressor was installed in 11/6/2007. After the compressor install, the well began exhibiting some sand/scale bridging tendencies. An acid job was completed on well in 3/2008, which brought the well back to production but did not aid in reducing the casing tubing pressure differential, which led us to believe the sand/scale bridge still existed. A clean out was performed on well in 06/2008. Significant scale was found on bottom hole assembly as well as in perforations. A scraper run knocked off a lot of scale from perforations, but allowed sand to influx into the wellbore. The sand influxing in was determined to be mostly MV frac sand but did contain some DK frac sand as well. The well was cleaned out to PBTD and the sand influx had reduced significantly. Tubing was landed and the well was swabbed. During swabbing sand once again influxed into the wellbore and the swab tools became stuck in the well.

In order to reduce the scale formation in the wellbore, we would like to isolate the Burro canyon zone in the DK by placing a CIBP above it. The water from that zone is believed to be scaly and encourages scale formation when mixed with MV water. Also, in order to allow the well to clean up sand production, we would like to place a temporary bridge plug above the Dakota zone, and produce only MV. This will allow the MV to drop out sand without plugging the tubing and minimizing sand bridging. We would then re-enter the well after approximately 3 months, remove the bridge plug, clean out the Dakota, and produce again as a commingled well.

Wire line: (2/1/2008)

RIH with a 1.25 sample bailer and tag depth @ 6650' working own
Down to 6663'

Very thick bottom

RIH with 1.25 sample bailer and tag depth @ 6660' working own
Down to 6672'

Procedure:

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H₂S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations and that planning and scheduling had location ready for rig.
3. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE
4. RU slickline unit. Pressure test lubricator and equipment. **RIH and tag top of swab tools stuck in the hole (~6224')**. Set **two** barriers above the swab tools (CIBP, tbg collar stop w/plug) for isolation in tubing string. BHA consists of a 1.78" F-nipple, 1 joint 2-3/8" tbg and a mule shoe on the bottom.
5. Check and record tubing, casing, and bradenhead pressures. FDA is showing casing pressure to be 350 psi. Ensure production casing has double casing valves installed. Double valve all casing strings.
6. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
7. Blow down well. Kill with 2% KCL water ONLY if necessary.
8. Check all casing strings to ensure no pressure exist on any annulus. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.
9. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
10. Pull tubing hanger and shut pipe rams and install stripping rubber.
11. TOO H with 2-3/8" production tubing currently set at 6665'. Visually inspect tubing while POOH. Notify Engineer of any abnormalities (i.e. scales build up).
12. If necessary, rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit for 4-1/2" casing, and tag for fill. Cleanout fill to 6710'. Blow well dry. Reference Under-Balanced Well Control Tripping Procedure.
13. RU wireline and set a 4-1/2" CIBP @ 6685' to shut off lower Dakota (Burro Canyon) zone.

14. RIH with 4-1/2" RBP and set 50 ft above the Dakota perforations @ 6460'.
15. RIH with 4-1/2" scraper and work scraper accross MV perforations @ 4010'-4315'.
16. RIH with 2-3/8" production tubing and replace bad joints w/ yellow-band 2-3/8" tubing. (With muleshoe, F-nipple with plug, 4ft pup, X-nipple with plug).
17. Land 2-3/8" production tubing at 4540' in the MV formation.
18. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to surface or above the hanger. Check all casing string for pressure. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.
19. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.
20. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
21. RD slickline unit.
22. Test well for air.
23. RD and release all equipment. Remove all LOTO equipment. Return the Well to Production.
24. Ensure all reports are loaded into DIMS. Print out summary of work and place in well file. Have discussion with production about particulars of well when handing off the well file.

SCHWERDTFEGER A 2M

Sec 31, T28N, R8W
API # 30-045-3253200

GL: 5911'

History:

Well was completed as a DK/MV DHC on 4/08/2005
Well was first delivered on 6-23-05
Installed Compressco 11/6/2007
3/5/2008 - pumped 165 gal of 15% HCL
7/08 - Well cleaned out to PBTD
lots of sand influx, swab tools stuck in tubing
while swabbing

Mesa Verde Perforations

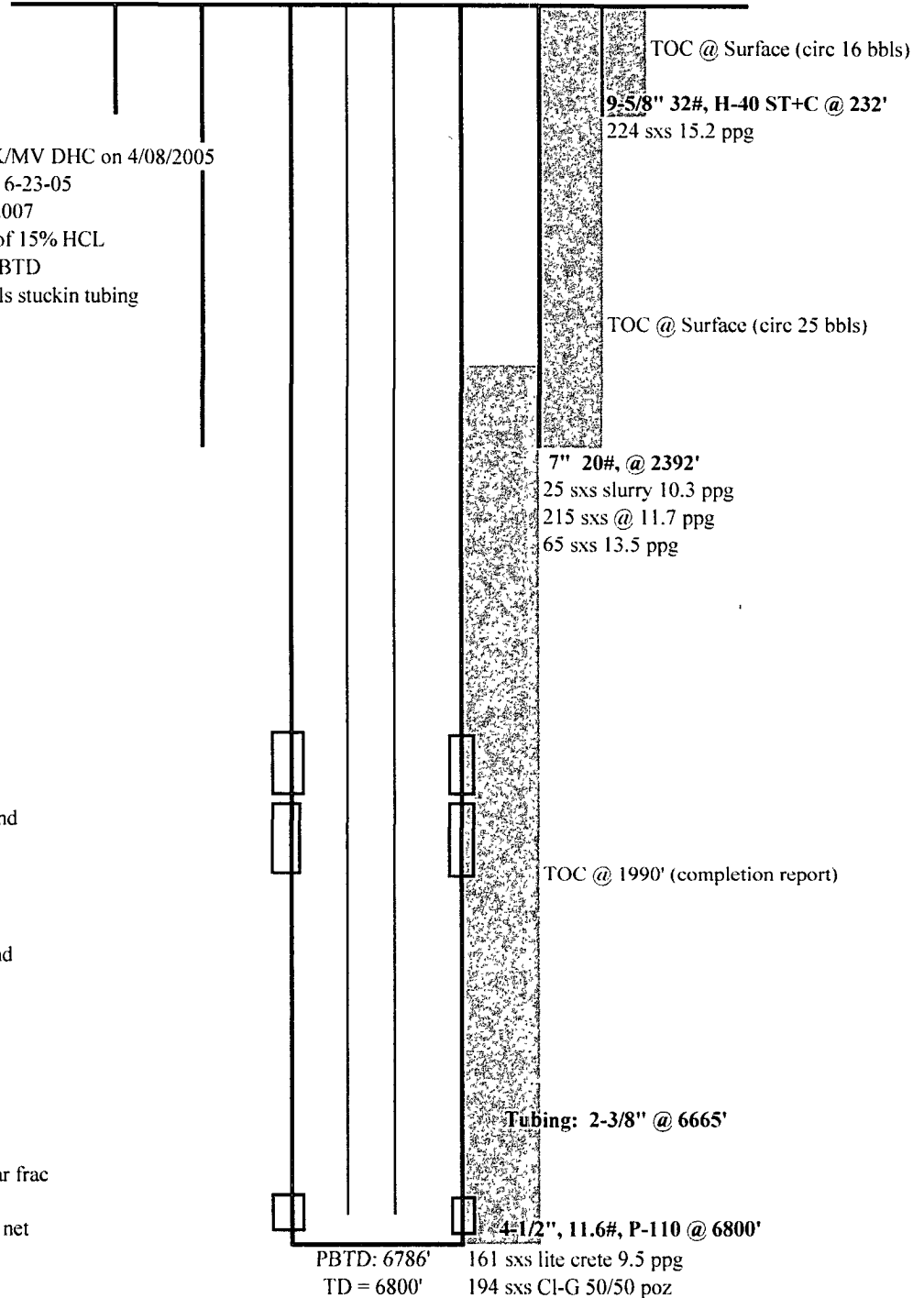
4010'-4315':
fraced w/ 114,000# 16/30 sand
last 25,000# w/ prop net

4403'-4498' (2 spf)
4530'-4737' (4 spf)
fraced w/ 120,439# 16/30 sand
last 39,000# w/ prop net

Dakota Perforations

6511' - 6564' (2 spf)
6597'-6730' (4 spf)

Fraced w/ schlumberger clear frac
119,000# 20/40 C-lite sand
last 33,000# treated w/ prop net



Updated: 7/29/2008 AR

SCHWERDTFEGER A 2M

Sec 31, T28N, R8W

API # 30-045-3253200

GL: 5911'

History:

Well was completed as a DK/MV DHC on 4/08/2005

Well was first delivered on 6-23-05

Installed Compressco 11/6/2007

3/5/2008 - pumped 165 gal of 15% HCl.

7/08 - Well cleaned out to PBTD

lots of sand influx. swab tools stuck in tubing while swabbing

Mesa Verde Perforations

4010'-4315':

fraced w/ 114.000# 16/30 snd

last 25.000# w/ prop net

4403'-4498' (2 spf)

4530'-4737' (4 spf)

fraced w/ 120.439# 16/30 snd

last 39.000# w/ prop net

Dakota Perforations

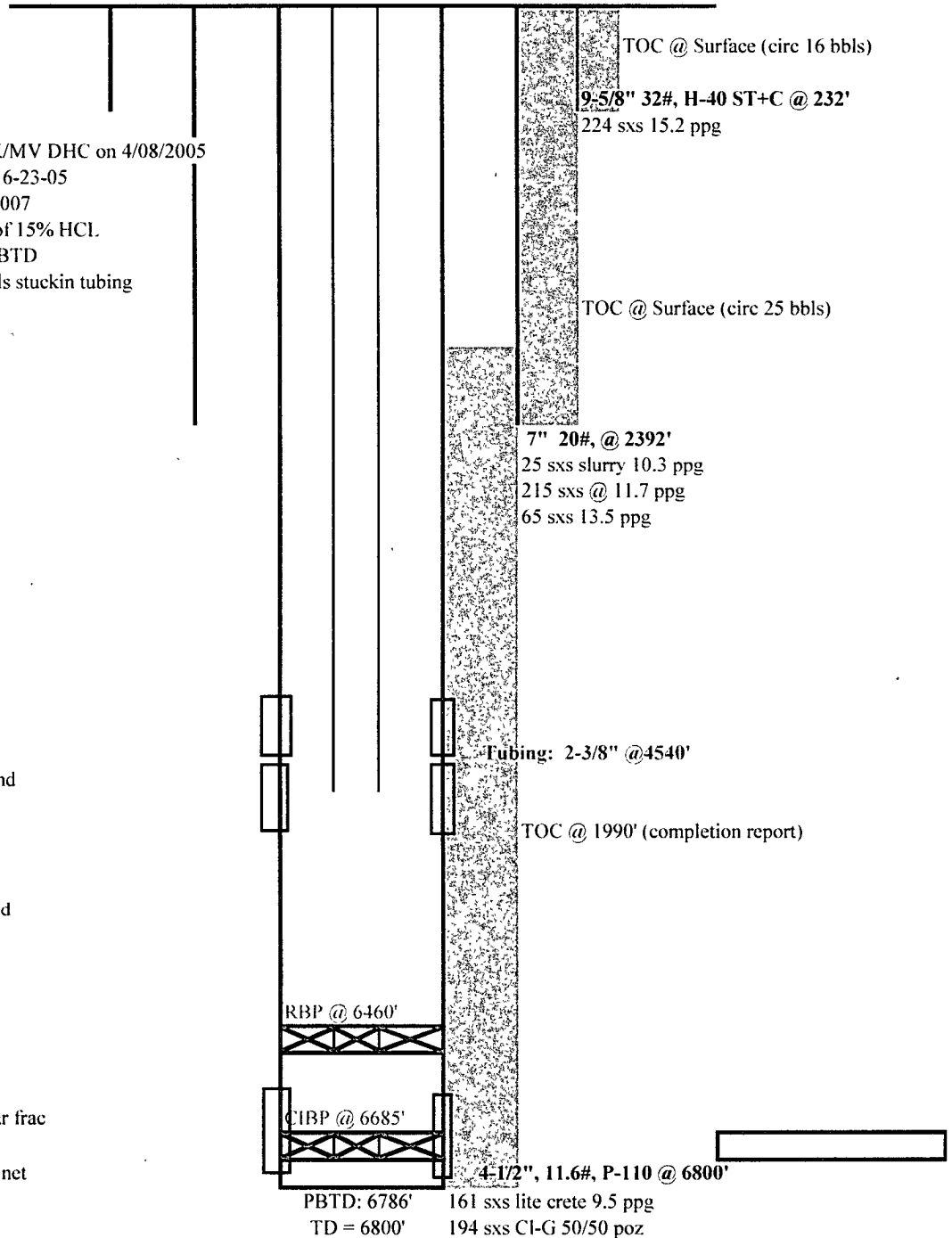
6511' - 6564' (2 spf)

6597'-6730' (4 spf)

Fraced w/ schlumberger clear frac

119.000# 20/40 C-lite snd

last 33.000# treated w/ prop net



Updated: 9/25/2008 AR