

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.

30-025-34550

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

BASS

8. Well Number 5

9. OGRID 241333

10. Pool name or Wildcat

HAT MESA; DELAWARE

## 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

CHEVRON MIDCONTINENT L.P.

3. Address of Operator

15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter N: 2000 feet from the NORTH line and 1650 feet from the EAST line

Section 30 Township 20S Range 33E NMPM County LEA

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

## 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: INTENT TO DRILL OUT CIBP, REPL PUMP, RTP

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.

CHEVRON MIDCONTINENT, L.P. INTENDS TO DRILL OUT CIBPS @ 7740' & 7830', REPLACE & LOWER THE PUMP, & RETURN TO PRODUCTION.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE AND WELL BORE DIAGRAMS.

Spud Date:

Rig Release Date:

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

SIGNATURE

TITLE

REGULATORY SPECIALIST

DATE 05-20-2011

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

TITLE

PETROLEUM ENGINEER

DATE

Conditions of Approval (if any):

MAY 25 2011

May 16, 2011

Bass #5

Hat Mesa Field

API # 30-025-34550

Sec. 30 - T20S - R33E, 660' FSL 2080' FWL

Job: Drill out CIBPs @ 7740' & 7830', Replace and Lower Pump, RTP

**Procedure:**

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland office well files and computer databases as of May 16, 2011. Verify what is in the hole with the well file in the Eunice field office. Discuss with WEO Engineer, Workover Rep, OS, ALCR, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*
2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/1,000 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report. **Note:** **Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.**
3. MIRU pulling unit. Bleed pressure from well, if any. Unhang well. Circulate hot water w/paraffin solvent to clean-up downhole pumping equipment. POOH w/ rods & pump. Inspect rods for wear and pitting. Hang rods to be re-used. Lay down rods if worn. Pump will be replaced at end of this job.
4. ND wellhead. NU BOP and test as necessary. Release TAC. POOH scanning tubing. Hang production tubing to be re-used.
5. PU & RIH 4-3/4" bit and drill collars on 2-7/8" workstring to about 7420' (previous fill seen in 1999). Clean out sand to 7690'. Drill out cement and CIBP @ 7740'.

**CAUTION: CIBP @ 7830' leaked after it was set. There may be pressure under the CIBP @ 7740'**

6. Drill out cement at about 7780' and CIBP @ 7830'.
7. Clean out to 8242'. Circulate clean. POOH & LD workstring, drill collars & bit.

8. PU and RIH w/ 2-7/8" J-55 Tubing as per ALCR Design. ND BOP, SET TAC, & NU Wellhead.
9. RIH w/ rods and pump as per ALCR recommendation. RDMO pulling unit. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

# Bass #5 Wellbore Diagram

Created: 06/05/07 By: C. A. Irle  
 Updated: 05/19/11 By: Bob Hall  
 Lease: Bass  
 Field: Hat Mesa - Delaware  
 Surf. Loc.: 660' FSL & 2,080' FWL  
 Bot. Loc.:  
 County: Lea St.: NM  
 Status: Active Oil Well

Well #: 5 Fee/St. #: Fee  
 API: 30-025-34550  
 Surface Tshp/Rng: S-20 & E-33  
 Unit Ltr.: N Section: 30  
 Bottom hole Tshp/Rng:  
 Unit Ltr.: Section:  
 Cost Code: BCT030900  
 Chevno: BV1908

## Surface Casing

Size: 13 3/8  
 Wt., Grd.: 54.5# K-55  
 Depth: 1,200  
 Sxs Cmt: 910  
 Circulate: Yes, 57  
 TOC: Surface  
 Hole Size: 17 1/2

## Intermediate Casing

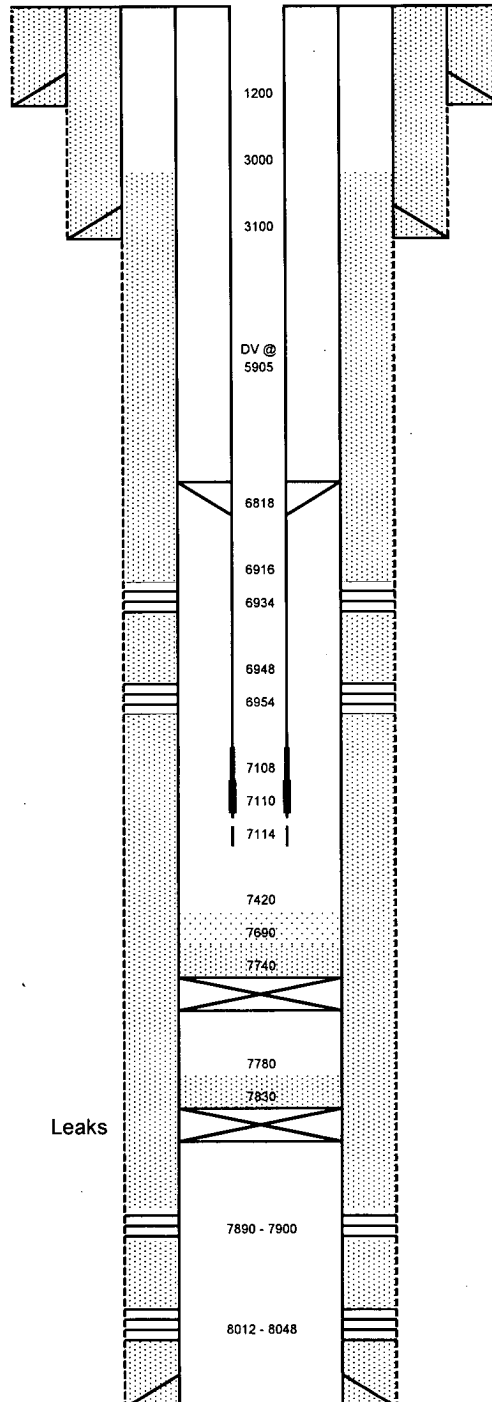
Size: 8 5/8  
 Wt., Grd.: 32# & 24# J-55  
 Depth: 3,100  
 Sxs Cmt: 1,000  
 Circulate: Yes, 183  
 TOC: Surface  
 Hole Size: 11"

## Production Casing

Size: 5 1/2  
 Wt., Grd.: 15.5# J-55\*  
 Depth: 8,300  
 Sxs Cmt: 1,005  
 Circulate: No  
 TOC: 3,000 Log  
 Hole Size: 7 7/8  
 DV Tool: 5,905  
 \*17# N-80

## Tubing Detail - LOWIS 5/19/2011

217 Jts 2 7/8" 6.5# N-80 Tubing  
 Tubing Anchor @ 6,818'  
 8 Jts 2 7/8" 6.5# N-80 Tubing  
 Blast Joint @ 7,070'  
 1 - 12' 2 7/8" Tubing Sub  
 HD Seat Nipple @ 7,108'  
 4' Perforated Sub @ 7,110'  
 2 Jts 2 7/8" 6.5# N-80 Tubing  
 Final Hanging Depth: 7,177'



KB: 3,608  
 DF:  
 GL: 3,593  
 Ini. Spud: 01/24/99  
 Ini. Comp.: 02/22/99

## Geology - Tops

Delaware 4,820  
 Bone Spring 8,096

## Perforations

Delaware 6916-6934  
 6948-6954  
 7890-7900  
 Brushy Canyon 8012-8048

## Rod Detail - LOWIS 5/19/2011

26' 1 1/2" C Polished Rod  
 w/16' 1 3/4" X 1 1/2" Liner  
 1\_2' 7/8" N-97 HS Rod Sub  
 132\_7/8" S-88 Rods (Axelson)  
 141\_3/4" S-88 Rods (Axelson)  
 10\_1 1/2" C Sinker Bars  
 1\_3' 7/8" Guided Pony Rod  
 25-125-RHBC-20-4 Insert Pump

PBTD: 8,242  
 TD: 8,300

# Bass #5 Wellbore Diagram

## PROPOSED

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 Unit Ltr.: Section:  
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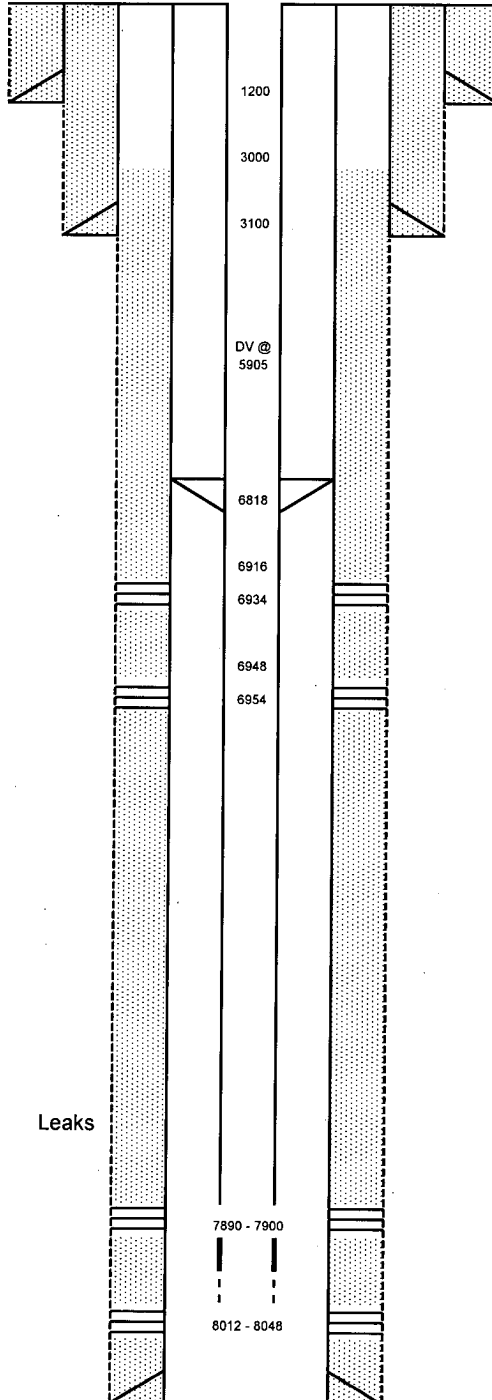
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 Hole Size: 11"

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 Hole Size: 7 7/8  
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 25-125-RHBC-20-4 Insert Pump

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## **Contacts:**

		<u>Office</u>	<u>Cell</u>
Engineering:	Mike Howell	432-687-7516	432-352-1823
	Bob Hall	432-687-7124	432-238-2186
	Nami Southern	432-687-7373	979-739-6088
	Alex Moore	432-687-7346	832-466-5622
	Denise Wann	432-687-7380	432-238-4238
Geology:	Caleb Osborn	432-687-7436	432-254-0056
D&C:	Ivan Pinney	432-687-7949	281-796-9252
Operations:	Bobby Hill	575-394-1245	575-631-9108
	Danny Lovell	575-394-1242	575-390-0866
	Shannon Richardson	575-394-1222	575-631-9049
	Randy Boles		575-390-7232
	Kenny Angel		575-631-2912
Peak Completions:	Randy Good		575-631-7543
Schlumberger:	Hobbs Office	575-393-6186	
Baker Petrolite:	Dexter Nichols		575-390-4356