

Submit 3 Copies 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
June 19, 2008

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

WELL API NO. 30-015-32945
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name MEAD
8. Well Number 4
9. OGRID Number 241333
10. Pool name or Wildcat CARLSBAD; MORROW

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	RECEIVED AUG 25 2010 NMOCD ARTESIA
2. Name of Operator CHEVRON MIDCONTINENT, L.P.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	

4. Well Location Unit Letter H: 2418 feet from the NORTH line and 171 feet from the EAST line Section 5 Township 22-S Range 27-E NMPM County LEA Eddy	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3153' GL
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: REPAIR INTERMEDIATE CSG WATER FLOW		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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion

CHEVRON MIDCONTINENT, L.P. INTENDS TO REPAIR AN INTERMEDIATE CASING WATER FLOW IN THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE AND WELLBORE 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 Denise Pinkerton TITLE REGULATORY SPECIALIST DATE 08-25-2010

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: David Gray TITLE Compliance Officer -A DATE 9-7-10
Conditions of Approval (if any):

Mead # 4
Carlsbad Field
T22S, R27E, Section 5
Job: Repair Intermediate Casing Water Flow

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 8/3/2010. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, 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/1000 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. MI & RU slickline unit and mast truck. Install lubricator and pressure test to 2500 psi. GIH with quartz BHP bomb (24 hr clock and 5000 psi pressure element) making gradient stops at 2000', 4000', 6000', 8000', 9000', 10000', 11000', and mid-perfs at 11,472'. Remain at 11,472' for 2 hours recording static BHP and BHT. POH with BHP bomb. GIH and set 2.25" tbg plug in "R" nipple at 11180'. POH. Bleed tbg pressure to 0 psi to test tbg plug. Pressure test tbg plug to 2500 psi using 3% KCl water containing clay stabilizer. Bleed off tbg pressure to 0 psi. Pressure test casing to 1000 psi using same fluid. RD and release slickline unit and mast truck. **Note: Shut well in for BHP buildup 72 hours before performing this step.****
- 4. MI & RU workover unit. Bleed pressure from surface casing and intermediate casing. Pump down intermediate csg with 3% KCl water containing clay stabilizer, if necessary to kill well. Remove WH. Install BOP's and test as required. Release on-off tool. POH with 2 7/8" tbg string and top half of on-off tool. LD on-off tool.**
- 5. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2500 psi. GIH and conduct gauge ring (for 5 1/2" 17# csg) and junk basket run to 9000'. POH. GIH and conduct GR/CBL/CCL log from 9000' to surface. Conduct log with 1000 psi on csg. GIH with 3 1/8" slick casing gun and perforate 4 squeeze holes 100' above cmt top at 120 degree phasing, using 23 gram premium charges. POH. Pump down casing and establish circulation through sqz perfs and out intermediate casing valve using fresh water. Circulate 100 bbls fresh water to surface through sqz perfs. RD & release electric line unit. **Note: Use Halliburton Spectral GR/Density Log dated 11/11/2003 for depth correlation.****

6. PU & GIH with 5 ½" RBP on 2 7/8" production tbg string to 200' below cement top of 5 ½" casing. Set RBP. PUH 100' above RBP with end of tbg. Pour 3 sacks 20/40 sand down tbg and let settle on top of RBP. POH with 2 7/8" tbg string and retrieving head. LD retrieving head.
7. PU & GIH with tbg-set CICR on 2 7/8" tbg string to 50' above sqz perfs. Pressure test tbg to 5500 psi while GIH. Set CICR 50' above sqz perfs. Pressure test casing and CICR to 500 psi. Leave pressure on casing during cement squeeze. Establish injection rate into sqz perfs using fresh water with intermediate casing valve open.
8. MI&RU Schlumberger Services cementing equipment. Cement squeeze perfs using Class C cement mixed to 14.8 PPG w/ 1.35 CFY. Circulate cement out intermediate casing valve. Close intermediate csg valve and attempt to achieve at least 500 psi final squeeze pressure. Sting out of CICR. Reverse out excess cement using 3% KCl water containing clay stabilizer. POH with 2 7/8" tbg string and stinger. LD stinger. RD and release Schlumberger Services cementing equipment. Shut well in and WOC overnight.
9. Open well. PU and GIH with 4 ¾" MT bit on 2 7/8" tbg string to top of CICR. LD and drill out CICR and cement in 5 ½" casing. Reverse circulate well clean using 3% KCl water containing clay stabilizer. Pressure test casing and sqz perfs to 500 psi. Check for water flow out of intermediate casing. If csg leaks or water flow persists from intermediate casing valve, repeat cmt sqz procedure. LD and cleanout csg to top of RBP. Reverse circulate well clean from top of RBP using 3% KCl water containing clay stabilizer. POH with 2 7/8" tbg string and bit. LD bit. GIH with retrieving head and engage RBP. POH with tbg string and RBP. LD RBP.
10. PU and GIH w/ top half of on-off tool and 2 7/8" 6.50#, EUE 8R L-80 tubing to 11,165', pressure testing to 5500 psi while GIH. Displace annulus with corrosion inhibited 3% KCl water containing clay stabilizer and oxygen scavenger. Engage on-off tool at 11,168'. Pressure test csg to 500 psi.
11. Remove BOP's and install WH. GIH and swab fluid level in tubing down to 7500'.
12. MI & RU slickline unit. Install lubricator and pressure test to 2500 psi. GIH and retrieve 2.25" tbg plug from "R" nipple at 11180'. RD and release slickline unit.
13. Open well and establish flow. If well is dead, GIH and swab well in. RD and release workover unit.
14. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels. Monitor for casing flow or pressure.

Well **Mead # 4**Field **Carlsbad**Reservoir **Morrow****Location:**

Surf 3418' FNL & 171' FEL
 BHL 1586' FNL & 764' FEL
 Section 5
 Township 22S
 Range 27E
 County Eddy State NM

Elevations:

GL 3153'
 KB 3173'
 DF 3172'

Current**Wellbore Diagram****Well ID Info:**

Chevno HM8400
 API No 30-015-32945
 L5/L6 BCUC90300
 Spud Date 10/15/2003
 Compl Date 11/15/2003

Surf. Csg: 13 3/8", 48#, H-40
 Set: @ 430' w/ 390 sks
 Hole Size: 17 1/2"
 Circ: Yes TOC: Surface
 TOC By: Circulated

Interm. Csg: 9 5/8", 36#, J-55
 Set: @ 3000' w/ 1200 sks
 Hole Size: 12 1/4"
 Circ: Yes TOC: Surface
 TOC By: Circulated

TOC @ 3200' (estimated)

This wellbore diagram 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 the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, W0 Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail.

#Jts:	Size:	Footage
	KB Correction	20 00
1	Jt 2 7/8" EUE 8R L-80 Tbg	31 23
	2 7/8" x 4" EUE 8R L-80 Tbg Sub	4 00
	2 7/8" x 8" EUE 8R L-80 Tbg Sub	8 00
	2 7/8" x 10" EUE 8R L-80 Tbg Sub	10 00
338	Jts 2 7/8" EUE 8R L-80 Tbg	11095 07
	L-10 On-Off Tool w/ 2 31" "F" profile	1 50
	Baker Model WL Retrievable Pkr	4 49
	2 7/8" x 6" EUE 8R L-80 Tbg Sub	6 02
	2 25" "R" Nipple w/ NO/GO	1 02
	WL Entry Guide	0 53
339	Bottom Of String >>	11,181.86

DV Tool @ 8783'

Perfs: **Status:**
 11251-11272' Morrow - Open
 11414-11508' Morrow - Open
 11580-11692' Morrow - Open

COTD: 11668'
 PBTD: 11804'
 TD: 11850'

Updated: 8/3/2010

By: A M Howell

Prod. Csg: 5 1/2", 17# L-80 & P-110
 Set: @ 11850' w/ 1705 sks
 Hole Size: 7 7/8"
 Circ: No TOC: 3200'
 TOC By: Estimated

Well **Mead # 4**Field **Carlsbad**Reservoir **Morrow****Location:**

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 BHL 1586' FNL & 764' FEL
 Section. 5
 Township 22S
 Range 27E
 County Eddy State NM

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Proposed
Wellbore Diagram

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Interm. Csg: 9 5/8", 36#, J-55
 Set: @ 3000' w/ 1200 sks
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 Circ: Yes TOC: Surface
 TOC By: Circulated

Block Sqz Perfs @ 3100'
 (Cmt circulated to surface)

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	2 7/8" x 4' EUE 8R L-80 Tbg Sub	4.00
	2 7/8" x 8' EUE 8R L-80 Tbg Sub	8.00
	2 7/8" x 10' EUE 8R L-80 Tbg Sub	10.00
338	Jts 2 7/8" EUE 8R L-80 Tbg	11095.07
	L-10 On-Off Tool w/ 2 31" "F" profile	1.50
	Baker Model WL Retrievable Pkr	4.49
	2 7/8" x 6' EUE 8R L-80 Tbg Sub	6.02
	2 25" "R" Nipple w/ NO/GO	1.02
	WL Entry Guide	0.53
339	Bottom Of String >>	11,181.86

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