## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

|  | d Reports on Wells   |  |  |  |
|--|--|--|--|--|
|  |  | ·  | 707 <u>mu</u><br>5.  | 19 PM 3: 36<br>Lease Number  |
| 1 70   |  |  | , Ri   | CNM-010063   |
| 1. Type of Well GAS  |  |  | 0.   | If Indian, All. or   |
| •  |  |  | 210 FA   | 110 A- 1   |
| 2. Name of Operator  |  |  | 7.   | Unit Agreement Name  |
|  |  |  | · ·  |  |
| ConocoPhillips   |  |  |  |  |
| •  |  |  | o  | ¥¥7 0  |
| 3. Address & Phone No. of Operator   |  |  | <del></del> 8.   | Well Name & Number   |
| PO Box 4289, Farmington, NM 87499 (505) 326-9700  4. Location of Well, Footage, Sec., T, R, M Sec., T—N, R—W, NMPM  Unit M (SWSW), 830' FSL & 850' FWL, Sec. 17, T28N, R11W NMPM   |  |  | _  | Lucerne B 1E   |
|  |  |  | 9.,  | API Well No.   |
|  |  |  |  | 30-045-24415   |
|  |  |  | 10.  | Field and Pool   |
|  |  |  |  | Basin Dakota   |
|  |  |  | 11.  | County and State   |
|  |  |  |  | San Juan, NM   |
| 12. CHECK APPROPRIAT   | E BOX TO INDICATE NATU   | RE OF NOTICE, REPORT   | r, other   | DATA   |
| Type of Submission:  | Type of Action:  |  |  |  |
| ☐ Notice of Intent   | ☐ Abandonment  | ☐ Change of Plans  | Øo   | ther: BH Repair  |
|  | Recompletion   | ☐ New Construction   |  | ·  |
| M Subsequent Penert  |  |  |  |  |
| Subsequent Report  | ☐ Plugging<br>☐ Casing`Repair  | ☐ Non-Routine Fracturing ☐ Water Shut-off  |  |  |
| Subsequent Report     ☐ Final Abandonment  | ☐ Plugging   | Non-Routine Fracturing   |  |  |
|  | ☐ Plugging ☐ Casing Repair ☐ Altering Casing   | ☐ Non-Routine Fracturing ☐ Water Shut-off  |  |  |
| Final Abandonment  1. Describe Proposed or C   | Plugging Casing Repair Altering Casing  ompleted Operations  | ☐ Non-Routine Fracturing ☐ Water Shut-off ☐ Conversion to Injection  | OH. RIH W  | // CIBP & set @ 5915'.   |
| ☐ Final Abandonment  1. Describe Proposed or C  5/10/07 MIRU A+7. N  | ☐ Plugging ☐ Casing Repair ☐ Altering Casing   | □ Non-Routine Fracturing □ Water Shut-off □ Conversion to Injection  1 gauge ring to 5915', PO   |  |  |
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Lucerne B 1E~ Continued
BH Repair
30-045-24415

5/17/07 PUMP SQUEEZE #1 W/262 SX TYPE III CMT @ 14.8 PPG. INITIAL SQUEEZE PRESS 750#,
FINAL SQUEEZE PRESS 1500#. SD PUMP & PRESS DROPPED TO 250#. WAITED 10 MIN FOR

TATION SQUEEZE. WHILE WAITING, PRESS INCREASED TO 1200#. ATT TO SQUEEZE TO

"OU! D NOT MOVE. STUNG OUT OF RET & ATTEMPT TO REVERSE OUT. WOULD

TO STUDY TO SQUEEZE WOULD TO STUDY TO SQUEEZE TO STUDY TO SQUEEZE TO SQUE

ESTAB RATE DOWN CSG & OUT BH @ 2 BPM @ 500#. CIRC ANNULUS CLEAN.

PU FULL BORE PACKER. TIH & SET @ 833'. ESTAB RATE OF 2 BPM @ 500#

PUMP SQUEEZE #2 W/382 SX TYPE III CMT @ 14.8 PPG. STARTING SQUEEZE PRESS WAS 500# ENDING PRESS 750#. CIRC 5 BBLS GOOD CMT OUT BH VALVE. STARTED DISP & LOST RETURNS DURING DISP. PRESS STAYED @ 750# DURING DISP. SIW, WOC, SECURE, SDFWE.

Release PKR, Drill out top sgz from 1000' to 1050' PT sgz to 500 PSI, holding. TIH & tagged cmnt sgz. Drill cmnt sqz, 50' cmnt to drill. Load hole & PT sqz & csq, to 500 PSI. Holding~ chart test for 30 minutes. ND BOP, ND tbg. head, PT seal to 2500 PSI~ holding.

5/23 BH showing 160 PSI. TIH 20 stds, top off hole w/ 2% KCL. TOOH. RU Blueiet, ran CBL F/ 600' to surf. CBL reflects good cmnt bond above at surf csg & up to 285'. Cmnt stringers F/ 285' to 185'. Slight cmnt bridge at 145'.

5/23 per Wayne w/ BLM & Henry w/ OCD permission given to perf @ 583'.

5/24 perf @ 583'. Att. To estb ini rate~ holding 500 PSI, no bleed off, Perf 2 spf @ 582'. Pumped down csg to estb rate~ holding 750 PSI, no bleed off.

BRADENHEAD HAD 27 PSI ON IT OVER NIGHT, BLEED OFF, MONITOR GAUGE, 27 PSI AFTER 1 HOUR TIH OPEN ENDED TO 633'

SPOT 150' CMT PLUG FROM 633' TO 483', DISPLACE W/ 1.5 BBL 2 % KCL WATER, 10 SX CL 3 CMT, 1.32 YIELD, 14.8 #/GAL, 7.5 BBL SLURRY, 1.5 BBL MIX WATER

TOH W/TBG. CLOSE BLIND RAMS PRESSURE UP TO 750 PSI SHUT IN FOR WEEKEND BLED BRADENHEAD DOWN TO ZERO, CLOSE IN MONITOR GAUGE, BUILT UP TO 55 PSI IN 1 HOUR, OPEN VALVE LEAVE OPEN ALL WEEKEND

5/29 SI BH, install gauge, monitor build up for 1 hour~ built up to 9 PSI. TIH & drill cmnt @ 483'. PT sqz to 500 PSI~ Holding (charted). TIH w/ junk mill to 1500', unload well, stage unload @ 3000', unload @ 4500', tagged CIBP @ 5915'.

Drill CIBP @ 5915'. TIH tagged fill @ 6153', C/O to PBTD, unload csg w/ air, unload water from csg. Unload csg w/ air, Recovered 160 bbls of water, C/O to PBTD. Tagged fill @ 6153', C/O 140' to 6293' PBTD.

TIH TAG PBTD, NO FILL TOH W/ COLLARS & MILL, LD COLLARS TIH 193 JOINTS 2 3/8, 4.7# J-55 TBG. & landed at 6108', w/ SN @ 6107'

ND BOP, NU WH

6/1 RD rig & equipment.

6-8-07 9:15 AM to 9:55 AM (40 minute buildup)

BH 0 - 16 psig