

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO. <b>30-045-24316</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <b>FEE</b>
7. Lease Name or Unit Agreement Name <b>Shepherd &amp; Kelsey</b>
8. Well Number <b>1E</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Otero Chacra / Basin Dakota</b>

**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  
**ConocoPhillips Company**

3. Address of Operator  
**PO Box 4289, Farmington, NM 87499-4289**

4. Well Location  
Unit Letter **D** : **790** feet from the **NORTH** line and **1100** feet from the **West** line  
Section **29** Township **29N** Range **11W** NMPM **San Juan** County

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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

ConocoPhillips, per NMOCD letter, request to perform remedial work on the subject well per the attached procedures and wellbore schematic.

OIL CONS. DIV DIST. 3  
JAN 31 2017

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 Christine Brock TITLE Regulatory Specialist DATE 11/30/17

Type or print name Christine Brock E-mail address: christine.brock@cop.com PHONE: 505-326-9775

For State Use Only  
APPROVED BY: Brand Red TITLE Deputy Oil & Gas Inspector, District #3 DATE 2/8/17  
Conditions of Approval (if any): AV

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**ConocoPhillips**  
**SHEPHERD and KELSEY 1E**  
**Expense - Repair Casing**

**OIL CONS. DIV DIST. 3**  
**JAN 31 2017**

Lat 36° 42' 6.592" N

Long 108° 1' 10.524" W

**PROCEDURE**

**Notify BLM and OCD at least 24 hours prior to performing squeeze work.**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Scope location and determine if base beam or rig anchors are to be used. Test rig anchors if necessary. Run slickline prior to job and pull downhole equipment. If unable to clear tubing, set a locking 3 slip stop above the obstruction.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the BH, contact Wells Engineer.

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl water as necessary. Ensure well is dead or on vacuum.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 300 psi for 10 minutes per SJA BOPE Dispensation. Verify date of last charted BOPE test and ensure 30-day interval will not be exceeded during estimated job duration. If 30-day interval is expected to expire during job, perform charted low and high pressure BOPE test per COP Well Control Manual. PU and remove tubing hanger. Tag for fill, adding additional joints as needed. Record pressure test and fill depth in WellView.

5. RU Tuboscope unit to inspect tubing. TOO H with tubing (per pertinent data sheet). LD and replace any bad joints and record findings in WellView. Make note of corrosion, scale, or paraffin and save a sample to give to the engineer for further analysis.

6. RU wireline and RIH with gauge ring for 4-1/2" casing to top perf at 2,502'.

7. PU and RIH 4-1/2" CBP on wireline. Set CBP at 2,452'. Top-load hole with 2% KCl water. Pressure test casing to 560 psi. Contact Wells Engineer with pressure test results and discuss plan forward.

8. Run CBL from CBP at 2,452' to surface to identify TOC. Email log copy to Wells Engineer, Jack Savage (BLM) at [jwsavage@blm.gov](mailto:jwsavage@blm.gov), Troy Salyers (BLM) at [tsalyers@blm.gov](mailto:tsalyers@blm.gov) and Brandon Powell (NMOCD) at [brandon.powell@state.nm.us](mailto:brandon.powell@state.nm.us) upon completion of logging operations.

9. RIH and perforate 3 squeeze holes at 1,550'. Establish circulation/injection rate into squeeze holes. If able to circulate equal volumes (in = out), RIH with a 4-1/2" packer and set at 1,350'. Mix and pump 130 bbl. (with 100% excess) Class B cement, circulating out bradenhead valve. Shut bradenhead valve and WOC.

**If unable to establish circulation, contact Wells Engineer and Superintendent.**

10. TOO H and LD packer. PU 3-3/4" bit and TIH to TOC at ~1450'. Drill out cement. Pressure test casing to 560 psi. Contact Wells Engineer with results and discuss plan forward. If test passes, pressure test the wellbore to 560 psi for 30 minutes on a 2 hour chart with 1000# spring, then mill out CBP. CO to PBTD at 6,160'.

11. TIH with tubing using Tubing Drift Procedure.

**Tubing Wt./Grade:** 4.7#, J-55  
**Tubing Drift ID:** 1.901"

**Land Tubing At:** 6,044'  
**KB:** 12'

Tubing and BHA Description		
1	2-3/8" Expendable Check	
1	2-3/8" (1.78" ID) F-Nipple	
1	2-3/8" Tubing Joint	
1	2-3/8" Pup Joint (2' or 4')	
+/- 190	2-3/8" Tubing Joints	
As Needed	2-3/8" Pup Joints	
1	2-3/8" Tubing Joint	

12. Ensure barriers are holding. ND BOPE, NU wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbl. pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in WellView the pressure in which the check pumped off. Purge air as necessary.

13. Notify the MSO and Specialist that the well is ready to be turned over to Production Operations. RDMO.



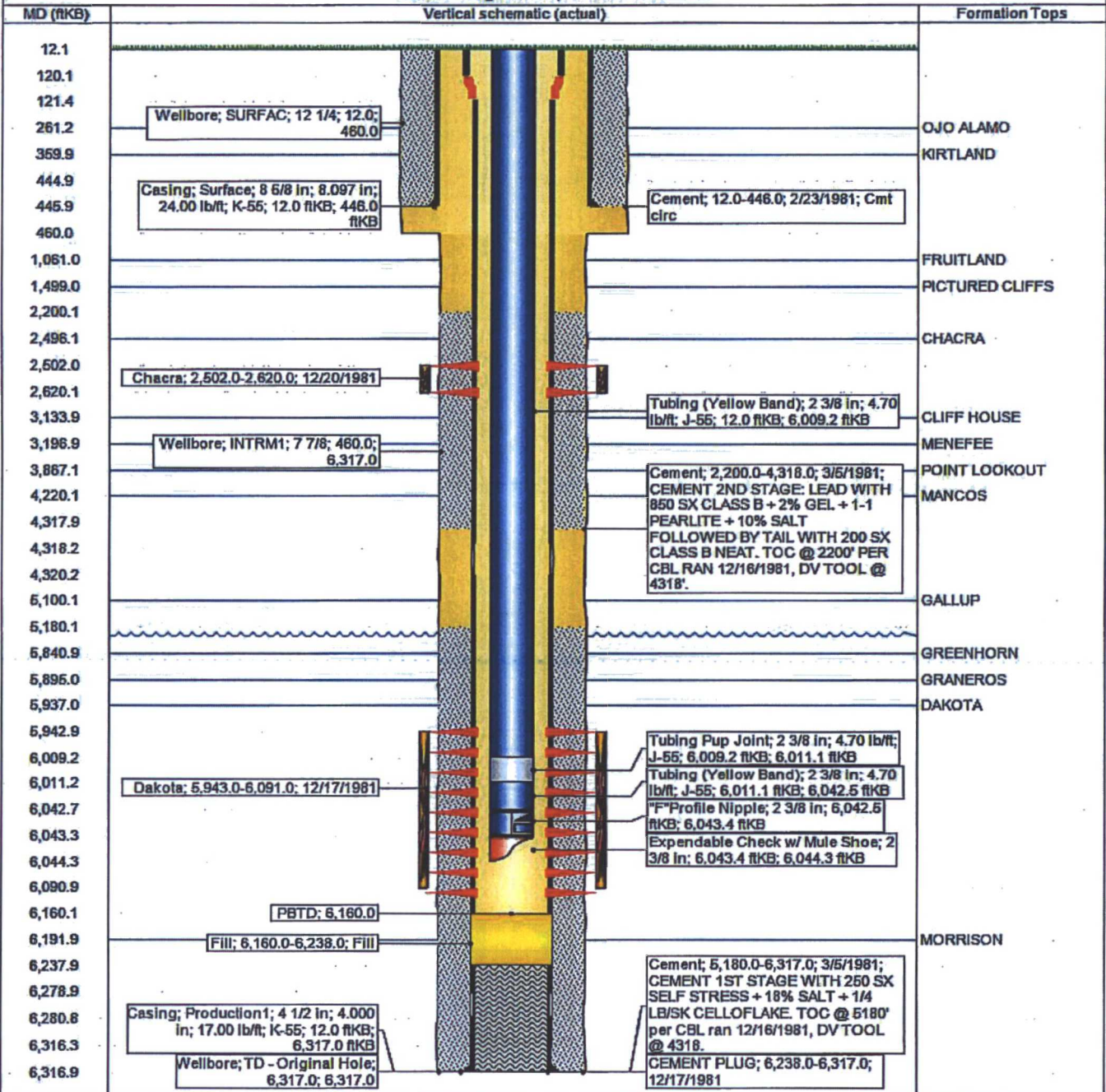
JAN 31 2017



**Schematic - Current**  
**SHEPHERD & KELSEY 1E**

District <b>NORTH</b>	Field Name <b>CH/DK COM</b>	API / UWI <b>3004524315</b>	County <b>SAN JUAN</b>	State/Province <b>NEW MEXICO</b>
Original Spud Date <b>2/21/1981</b>	Surface Legal Location <b>029-029N-011W-D</b>	East/West Distance (ft) <b>1,100.00</b>	East/West Reference <b>FWL</b>	North/South Distance (ft) <b>790.00</b>
				North/South Reference <b>FNL</b>

**Vertical - Original Hole, 1/19/2017 2:04:22 PM**





JAN 31 2017

ConocoPhillips

Schematic - Proposed  
SHEPHERD & KELSEY 1E

District	Field Name	API / UWI	County	State/Province	
NORTH	CH/DK COM	3004524316	SAN JUAN	NEW MEXICO	
Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
2/21/1981	029-029N-011W-D	1,100.00	FWL	790.00	FNL

