

Submit a 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. 30-015-34750
5. Indicate Type of Lease STATE [ ] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name IMC 21
8. Well Number 1
9. OGRID Number 4323
10. Pool name or Wildcat HARROUN RANCH; DELAWARE NE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2957' GL

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 [x] Gas Well [ ] Other [ ]
2. Name of Operator CHEVRON USA INC.
3. Address of Operator 6301 Deauville BLVD, Midland, TX 79706
4. Well Location Unit Letter A : 330 feet from the NORTH line and 660 feet from the EAST line
Section 21 Township 23S Range 29E NMPM County EDDY

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 [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [x]
CASING/CEMENT JOB [ ]
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.

- 1. MIRU P&A equipment
2. TIH with pressure tested tubulars and tag CIBP/cmt at +/- 6209'
3. Spot 28 sacks Class C cement from 6209' to 5925'
4. Spot 25 sacks Class C cement from 4994' to 4744' (Isolate Brushy Canyon)
5. Spot 25 sacks Class C cement from 3834' to 3584' (Isolate Cherry Canyon)
6. Spot 35 sacks Class C cement from 3060' to 2740' (Isolate Bell Canyon, Lamar LS)
7. Perforate at 2430'. Squeeze 145 sacks Class C cement from 2430' to 1806'. (Isolate base salt)
8. Perforate at 550'. Circulate 146 sacks Class C cement from 550' to surface. (Isolate top salt)
9. Verify cement to surface in all strings
10. 8/24 - 8/27. Drill out plugs from surface to 550' and from 1806' to 2430'. Tag at 2790'.
11. Spot solid cement plug from 2790' to surface with 300 sacks Class C cement.

Spud Date: [ ]

Rig Release Date: [ ]

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ www.emnrd.state.nm.us

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

SIGNATURE Hayes Thibodeaux TITLE Engineer DATE 9/14/2022

Type or print name Hayes Thibodeaux E-mail address: Hayes.Thibodeaux@chevron.com PHONE: 281-726-9683

For State Use Only

APPROVED BY: Accepted for record - NMOCD gc 10/5/2022 DATE

Conditions of Approval (if any):



# Summary Report

Abandon  
Abandon Well - Permanent  
Job Start Date: 3/14/2022  
Job End Date:

Well Name IMC 21 001		Lease IMC 21		Field Name HARROUN RANCH NE		Business Unit EMC	
Ground Elevation (ft) 2,957.00	Original RKB (ft) 2,974.00	Current RKB Elevation 2,974.00, 1/27/2016			Mud Line Elevation (ft)	Water Depth (ft)	

**Report Start Date: 3/14/2022**

Com

Safety meeting.  
Operations.

**Report Start Date: 4/5/2022**

Com

Move coil and equipment from yard to location.  
Hold safety meeting, JSA, H.H., tenet # 5.  
Check location and well Surface casing OL PPM CO, 42 PPM LEL, 2 H2S, 75 PSI. Intermediate casing 0 CO, 15 PPM LEL, 0 H2S, 200 PSI. production casing had 121 PPM CO, 9 PPM LEL, 0 H2S 800 PSI. All casing string were able to be bleed off. Start bubble testing. some bubbles in all strings.  
Rig up all equipment install injection head on BOPE and to well.  
Test BOPE 250 PSI low 1000 PSI high test good.  
RIH with 1 1/2" coil tubing loading well with fluid tag at 6209'.  
Test well 500 PSI Test good.  
Mix and pump 10 BBL ahead with H2S scavenger.  
Mix and place class C cement from 6209' to 5925' total of 6.5 BBL. Pull up to 4994' place class C cement from 4994' to 4744' total of 5.8 BBL. Pull up to 3834' place cement from 3834' to 3584' total of 5.8 BBL. Pull up to 3060' place class C cement from 3060' to 2740' total for 8.2 BBL  
POOH with 1 1/2" coil from 2740'.  
Wash up all equipment.  
Place 500 PSI on production casing. Secure well EOT

**Report Start Date: 4/6/2022**

Com

Arrive on location hold safety meeting JSA, H,H, tenet # 6.  
Check location and well Surface casing no PSI, O/L CO and LEL. Intermediate casing 0 PSI, CO and LEL. Production casing 0 PSI no gas.  
Install injection head and BOPE to well.  
Install 1 9/16" TCP.  
RIH with 1 1/2" coil to 2430'.  
Shot perfs at 2430..  
Establish circulation CC 50 bbl fresh water.  
RIH with coil tagged TOC at 2769'.  
Pull up to 2430' and place 145 sacks class C cement from 2430' to 960'.  
POOH with 1 1/2" coil to surface.  
Remove used TCP.  
Wash up equipment.  
Displace cement from 960 to 1808' with 19.6 BBL fresh water and pressure up to 500 PSI.  
Secure well.  
Crew Lunch. WOC.  
Open up well and test we had no bubbles in all three strings. We had 10 CO in surface and 2 PPM H2S, intermediate casing had 2 PPM H2S, Production casing passed. Called Chevron Engineer for plan forward to shut down and let well finish equalizing  
Secure well EOT.

**Report Start Date: 4/7/2022**

Com

Arrive on location hold safety meeting JSA, H,H, tenet # 7.  
Check location and well Surface casing no PSI, no CO and LEL. Intermediate casing 0 PSI, no CO and LEL. Production casing 0 PSI no gas. Bubble test all string all passed rechecked all string for gas found a little co in both the surface and intermediate casings.  
Install injection head and BOPE to well.  
Install 1 9/16" TCP.  
RIH with 1 1/2" coil to 550'  
Shot perfs at 550'..  
Establish circulation CC 10 bbl fresh water.  
. RIH with coil tagged TOC at 1806'.  
Spot 29 bbl of salt gel.  
POOH with 1 1/2" coil to surface.  
Remove used TCP.  
Attempt to pump down surface casing from surface pumped out .8 bbl locked up to 600 PSI Pump 146 sacks class C cement from surface to 550' in 5 1/2" and up the intermediate from 550' to surface.  
Wash up equipment.  
. Rig down all equipment.  
Secure Well Job complete ready for surface crews.

**Report Start Date: 4/11/2022**



# Summary Report

Abandon  
 Abandon Well - Permanent  
 Job Start Date: 3/14/2022  
 Job End Date:

Well Name IMC 21 001		Lease IMC 21	Field Name HARROUN RANCH NE	Business Unit EMC	
Ground Elevation (ft) 2,957.00	Original RKB (ft) 2,974.00	Current RKB Elevation 2,974.00, 1/27/2016		Mud Line Elevation (ft)	Water Depth (ft)

Com					
Safety meeting.					
Operations.					
<b>Report Start Date: 4/14/2022</b>					
Com					
Safety meeting.					
Operations.					
<b>Report Start Date: 4/15/2022</b>					
Com					
Safety meeting.					
Operations.					
<b>Report Start Date: 5/4/2022</b>					
Com					
JSA SWC SIF.					
Check Pressures had 5 PSI on Surface Casing bubbling with LEL and CO gas readings.					
RU 300 PSI Pump on Surface Casing filled swedge with 4 gals of CHS and Seal Maker. Hesitate Sqz 5 gals of CHS and Seal Maker pressured up to 500 PSI increase pressure to 950 PSI and Sqz 8 gals at .016 GPM shut in at 1000 PSI. Shut in over night.					
Secure Loc.					
<b>Report Start Date: 6/6/2022</b>					
Com					
safety meeting.					
Operations					
<b>Report Start Date: 6/9/2022</b>					
Com					
Review JSA and SIF.					
Pull fluid, slope well, pressure test and perform paint pill, bleed down and back fill.					
<b>Report Start Date: 6/18/2022</b>					
Com					
JSA SWC SIF.					
MIRU Cement Pump and BOP test pump. Test pump and Line to 1500 PSI.					
Hesitate Sqz 1 BBL of 11.4 ppg Microfine Cement FISP 1500 PSI.					
RDMO.					
<b>Report Start Date: 7/25/2022</b>					
Com					
JSA SWC SIF.					
Check Pressures had 90 PSI on Surface Casing bubbling with LEL and CO gas readings.					
RU 300 PSI Pump on Surface Casing filled swedge with 0.50 gals of CHS. Hesitate Sqz 4.5 gals of CHS at 0.020 GPM 1000 PSI FSIP of 1000 PSI.					
Secure Loc.					
<b>Report Start Date: 8/23/2022</b>					
Com					
Reivew JSA with all crews.					
Check pressures, remove water, dig well, slope, cut well, weld new casing and head, install risers, back fill, pressure test, back fill and shut down.					
<b>Report Start Date: 8/24/2022</b>					
Com					
JSA SWC SIF.					
MIRU 1.50 CTU and Pump. Had to respot the crane.					
M/U 2.125 Hyd Disconnect, Mud Motor, and 4.625 Tri-Cone Bit.					
Test BOP 250 PSI 5 mins 1000 PSI 10 mins.					
RIH with Bit tagged TOC at 5' Drilled to 220' CC Clean POOH.					
Secure Loc.					
Gladiator Night Watch.					
<b>Report Start Date: 8/25/2022</b>					
Com					
Gladiator Night Watch.					
JSA SWC SIF.					
Wait on Vac Trucks from FLEC.					
RIH with Bit tagged TOC at 220' Drilled to 480' CC Clean POOH.					
Secure Loc.					
Gladiator Night Watch.					
<b>Report Start Date: 8/26/2022</b>					
Com					
Gladiator Night Watch.					
JSA SWC SIF.					



# Summary Report

**Abandon**  
**Abandon Well - Permanent**  
**Job Start Date: 3/14/2022**  
**Job End Date:**

Well Name IMC 21 001		Lease IMC 21	Field Name HARROUN RANCH NE	Business Unit EMC	
Ground Elevation (ft) 2,957.00	Original RKB (ft) 2,974.00	Current RKB Elevation 2,974.00, 1/27/2016		Mud Line Elevation (ft)	Water Depth (ft)

Com

Check Mud Motor and Bit.  
 Pressure tested BOP 250 PSI 10 mins 1000 PSI 10 mins.  
 RIH with Bit tagged TOC at 480' Drilled broke thru at 562'.  
 Pressure Tested Casing to 1000 PSI held for 10 mins.  
 RIH tagged next plug at 1800' Drilled to 2150' CC Clean POOH.  
 Secure Loc.  
 Gladiator Night Watch.

**Report Start Date: 8/27/2022**

Com

Gladiator Night Watch.  
 JSA SWC SIF.  
 Check Mud Motor and Bit.  
 Pressure tested BOP 250 PSI 10 mins 1000 PSI 10 mins.  
 Wait on Vac Trucks from FLEC  
 RIH with Bit tagged TOC at 2150' Drilled to 2350' CC Clean POOH.  
 Secure Loc.  
 Gladiator Night Watch.

**Report Start Date: 8/28/2022**

Com

Gladiator Night Watch.  
 JSA SWC SIF.  
 Check Mud Motor and Bit.  
 Pressure tested BOP 250 PSI 10 mins 1000 PSI 10 mins.  
 RIH with Bit tagged TOC at 2350' Drilled broke thru at 2415'.  
 Pressure Tested Casing to 1000 PSI held for 10 mins. Passed Bubble Test on Production Casing.  
 RIH tagged next plug at 2790' CC Clean POOH.  
 R/D BHA.  
 RIH with 1.50 CT tagged TOC at 2790'.  
 Placed 300 SKS of 1.32 cf/sk 14.80 ppg Class c Cement from 2790' to surface with good cement returns at surface.  
 Flush EQ and wash return tank. RDMO.

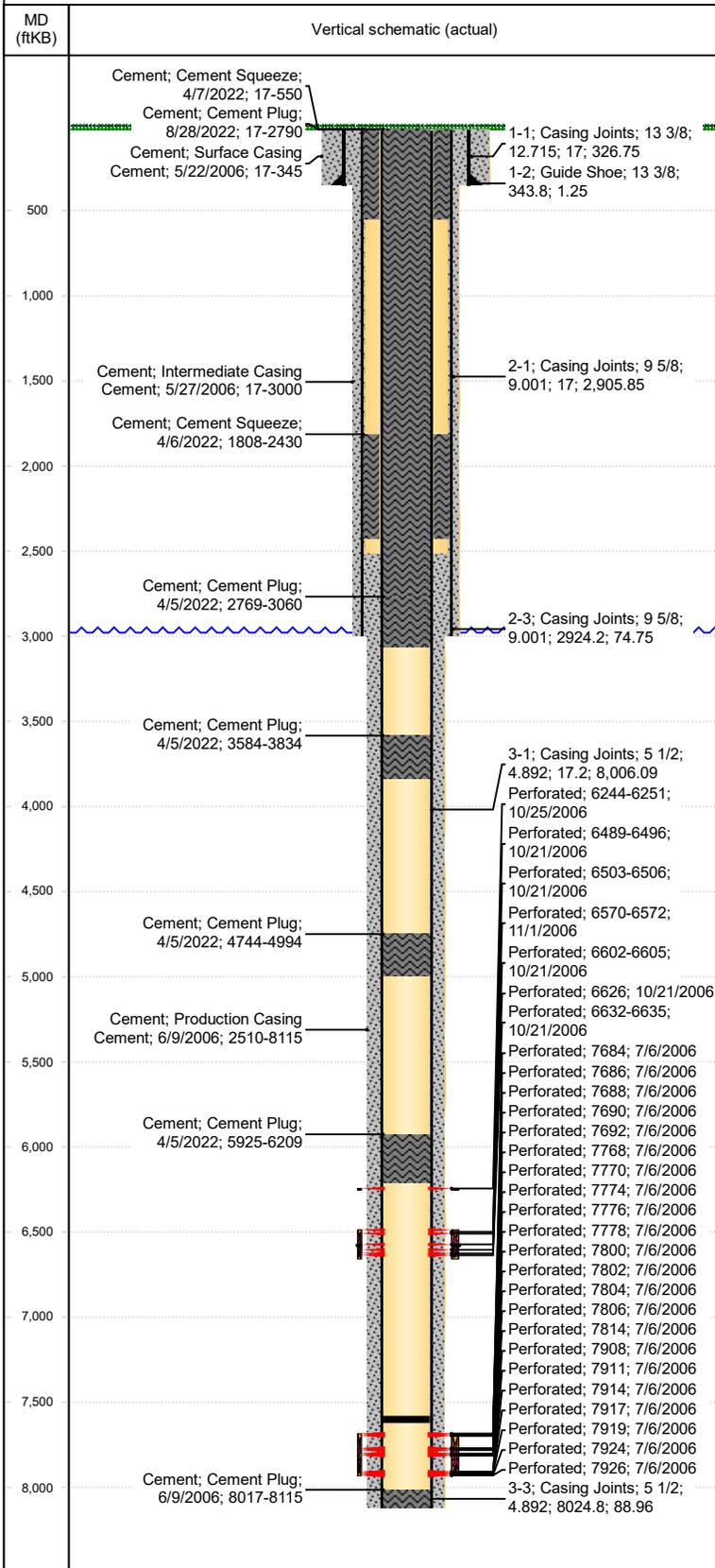
Com



# Abandonment Schematic

Well Name <b>IMC 21 001</b>		Lease <b>IMC 21</b>		Field Name <b>HARROUN RANCH NE</b>		Business Unit <b>EMC</b>	
State/Province <b>New Mexico</b>		County/ Parish <b>Eddy</b>		Surface UWI <b>3001534750</b>		Surface ChevNo <b>JC8160</b>	
Current RKB Elevation <b>2,974.00, 1/27/2016</b>		Original RKB Elevation (ft) <b>2,974.00</b>		Ground Elevation (ft) <b>2,957.00</b>		Current KB to Ground (ft) <b>17.00</b>	
				Current KB to Csg Flange (ft)		Current KB to Tubing Head (ft)	

Land, Original Hole, 9/14/2022 2:19:10 PM



HUD & Other in Hole				
Top (ftKB)	Des		OD (in)	

Cement Fluids				
Description	Btm (ftKB)	Top Depth (ftKB)	Class	Quantity (sacks)
Surface Casing Cement	345.0	17.0	C	120
Surface Casing Cement	345.0	17.0	C	340
Intermediate Casing Cement	3,000.0	17.0	C	600
Intermediate Casing Cement	3,000.0	17.0	C	200
Production Casing Cement	8,115.0	2,510.0	C	667
Production Casing Cement	8,115.0	2,510.0		475
Cement Plug	6,209.0	5,925.0	C	28
Cement Plug	4,994.0	4,744.0	C	25
Cement Plug	3,834.0	3,584.0	C	25
Cement Plug	3,060.0	2,769.0	C	35
Cement Squeeze	2,430.0	1,808.0	C	145
Cement Squeeze	550.0	17.0	C	146
Cement Plug	2,790.0	17.0	C	300

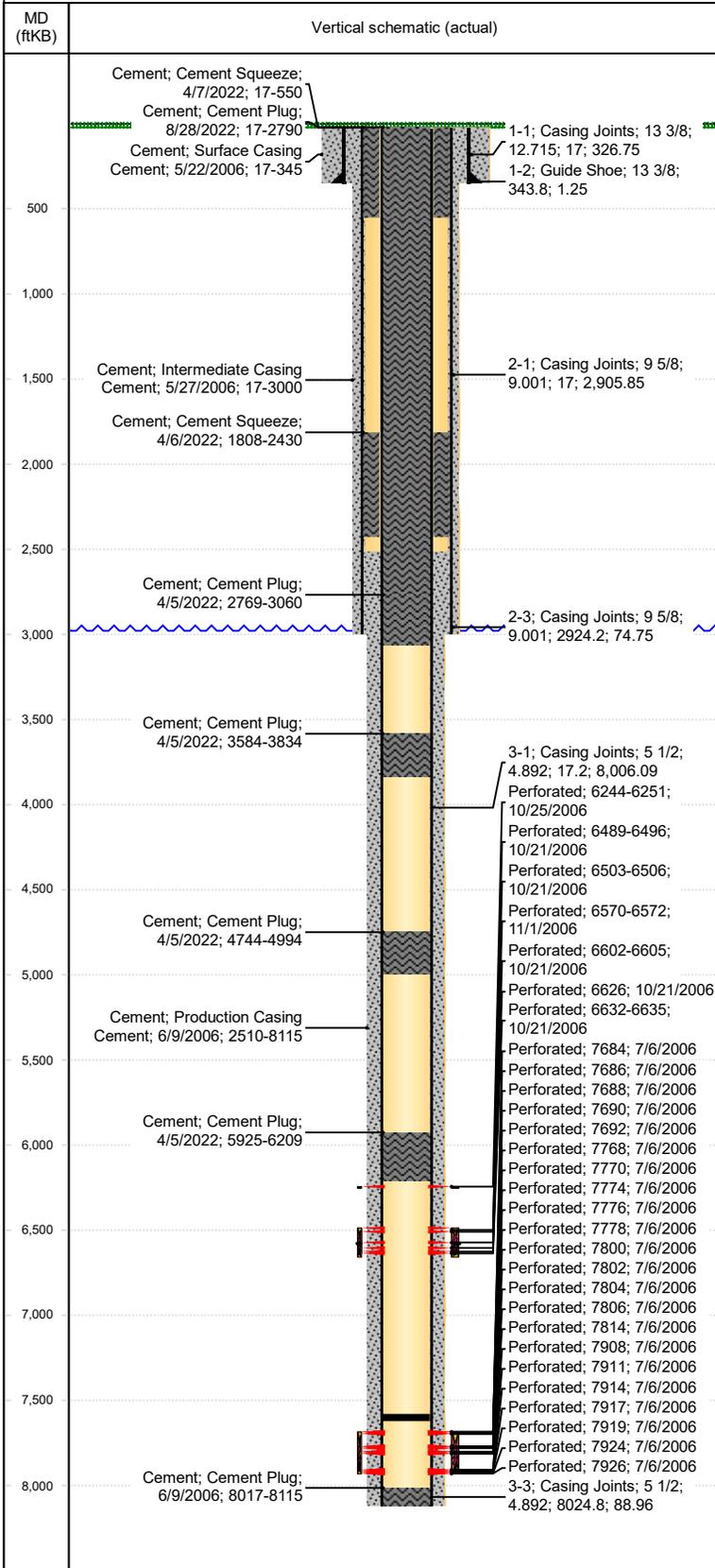
Perforations				
Top (ftKB)	Btm (ftKB)	Zone Name	Job	String Perforated
6,244.0	6,251.0	DELAWARE	Complete, 6/11/2006 00:00	
6,489.0	6,496.0	DELAWARE	Complete, 6/11/2006 00:00	
6,503.0	6,506.0	DELAWARE	Complete, 6/11/2006 00:00	
6,570.0	6,572.0	DELAWARE	Complete, 6/11/2006 00:00	
6,602.0	6,605.0	DELAWARE	Complete, 6/11/2006 00:00	
6,626.0	6,626.0	DELAWARE	Complete, 6/11/2006 00:00	
6,632.0	6,635.0	DELAWARE	Complete, 6/11/2006 00:00	
7,684.0	7,684.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,686.0	7,686.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,688.0	7,688.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,690.0	7,690.0	BONE SPRING	Complete, 6/11/2006 00:00	



# Abandonment Schematic

Well Name <b>IMC 21 001</b>		Lease <b>IMC 21</b>		Field Name <b>HARROUN RANCH NE</b>		Business Unit <b>EMC</b>	
State/Province <b>New Mexico</b>		County/ Parish <b>Eddy</b>		Surface UWI <b>3001534750</b>		Surface ChevNo <b>JC8160</b>	
Current RKB Elevation <b>2,974.00, 1/27/2016</b>		Original RKB Elevation (ft) <b>2,974.00</b>		Ground Elevation (ft) <b>2,957.00</b>		Current KB to Ground (ft) <b>17.00</b>	
				Current KB to Csg Flange (ft)		Current KB to Tubing Head (ft)	

Land, Original Hole, 9/14/2022 2:19:10 PM



Perforations				
Top (ftKB)	Btm (ftKB)	Zone Name	Job	String Perforated
7,692.0	7,692.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,768.0	7,768.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,770.0	7,770.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,774.0	7,774.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,776.0	7,776.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,778.0	7,778.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,800.0	7,800.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,802.0	7,802.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,804.0	7,804.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,806.0	7,806.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,814.0	7,814.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,908.0	7,908.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,911.0	7,911.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,914.0	7,914.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,917.0	7,917.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,919.0	7,919.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,924.0	7,924.0	BONE SPRING	Complete, 6/11/2006 00:00	
7,926.0	7,926.0	BONE SPRING	Complete, 6/11/2006 00:00	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
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**District III**  
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 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 143415

**CONDITIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 143415
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	None	10/5/2022