

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-41295 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> <b>HOBBS OCD</b>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓
2. Name of Operator CHEVRON U.S.A. INC. ✓		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name STATE "AN" ✓
4. Well Location Unit Letter: A 500 feet from NORTH line and 590 feet from the EAST line Section 7 Township 18S Range 35E NMPM County LEA ✓		8. Well Number 14 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3949' GL		9. OGRID Number 4323 ✓
		10. Pool name or Wildcat VACUUM; BLINEBRY

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: REPAIR CASING & RTP	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> 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 U.S.A. INC. INTENDS TO REPAIR THE CASING IN THE SUBJECT WELL AND RETURN TO PRODUCTION. THE WELL IS CURRENTLY DOWN FOR A BRADENHEAD FAILURE.

PLEASE FIND ATTACHED, INTENDED PROCEDURE.

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 03/23/2016

Type or print name DENISE PINKERTON

E-mail address: [leakejd@chevron.com](mailto:leakejd@chevron.com)

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

*Leakejd*

TITLE

Petroleum Engineer

DATE

03/24/16

Conditions of Approval (if any):

MAR 28 2016

*af*



WELL NAME: State 'AN' 14  
 Job Scope: Raise Cement to Surface  
 ChevNo:30-025-41295 API #:NW0932  
 Operator: Chevron Midcontinent, L.P.  
 Location: Vacuum FMT County: Lea  
 Spud:02/09/14 Completion:2/24/14  
 Updated: DUXG 5/28/15

The purpose of this project is to raise the cement to surface. This procedure is meant to be a guide only. It is up to the WSM, Workover Engineer and Production Engineer to make the decisions necessary to do safely what is best for the well. PLEASE REFER TO THE H2S SHEET AND TAKE ALL NECESSARY PRECAUTIONS TO MITIGATE THAT AND ANY OTHER RISKS.

**Contacts:**

Workover Engineer	Daniel Shelton	432 687 7471 / 832 763 1161
Production Engineer	Brentz Britton	432 687 7111 / 432 250 4079
Workover Team Lead	Kyle Olree	432 687 7422 / 307 922 3098
Workover Superintendent	Victor Bajomo	432 687 7953 / 432 202 3767
Operations Supervisor	Nick Moschetti	575 396 4410 / 432 631 0646

**Casing Information:**

Surface Casing: 8 5/8" 24# J-55 set @ 1565' w/ 820 sx of cement. Circulated.  
 Production Casing: 5 1/2" 17# L-80 set @ 6499 w/ 1140 sx of cement. TOC – 1800' by CBL

**Tubing Information:**

Item Des	Icon	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Cum Len (ft)	Top (ftKB)	Btm (ftKB)
...	...	...	...	...	...				
TBG 6.5# L-80		2 7/8		6.50	L-80	5,442.63	5,754.96	14.0	5,456.6
TBG SUB 6.5# L-80		2 7/8		6.50	L-80	4.10	312.33	5,456.6	5,460.7
TBG 6.5# L-80		2 7/8		6.50	L-80	62.71	308.23	5,460.7	5,523.4
TAC 2 7/8 X 5 1/2"		2 7/8				2.80	245.52	5,523.4	5,526.2
TBG 6.5# L-80		2 7/8		6.50	L-80	126.72	242.72	5,526.2	5,653.0
ENDUROALLOY 6.5# J-55		2 7/8		6.50	J-55	61.45	116.00	5,653.0	5,714.4
SS HF MECH SN W/ 1 1/2" X 38' I		2 7/8				0.85	54.55	5,714.4	5,715.3
ODESSA SEPERATOR SAND SC		2 7/8				23.92	53.70	5,715.3	5,739.2
TBG SUB 6.5# J-55 PCID&OD		2 7/8		6.50	J-55	4.10	29.78	5,739.2	5,743.3
NON-SLOTTED MUD ANCHOR(I		2 7/8				25.33	25.68	5,743.3	5,768.6
Bull Plug		2 7/8				0.35	0.35	5,768.6	5,769.0



WELL NAME: State 'AN' 14  
Job Scope: Raise Cement to Surface  
ChevNo:30-025-41295 API #:NW0932  
Operator: Chevron Midcontinent, L.P.  
Location: Vacuum FMT County: Lea  
Spud:02/09/14 Completion:2/24/14  
Updated: DUXG 5/28/15

**Rod Information:**

Item Des	Icon	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Cum Len (ft)	Top (ftKB)	Btm (ftKB)	Jts
HF SM POLISHROD		1 1/2			26.00	5,701.00	0.0	26.0	1
Subs W/ FHT CPLGS[8'-6'		7/8			22.00	5,675.00	26.0	48.0	4
WFT RODS W/ FHT CPLG		7/8			2,725.00	5,653.00	48.0	2,773.0	109
WFT RODS W/ FHT CPLG		3/4			2,675.00	2,928.00	2,773.0	5,448.0	107
Sinker Bars W/3/4" FHT C		1 1/2			225.00	253.00	5,448.0	5,673.0	9
GUIDED SUB 4 PER ROD		7/8			4.00	28.00	5,673.0	5,677.0	1
GARNER PUMP		1 3/4			24.00	24.00	5,677.0	5,701.0	1

**Wellbore Information:**

PBTD: 6397'  
TD: 6499'



WELL NAME: State 'AN' 14  
Job Scope: Raise Cement to Surface  
ChevNo:30-025-41295 API #:NW0932  
Operator: Chevron Midcontinent, L.P.  
Location: Vacuum FMT County: Lea  
Spud:02/09/14 Completion:2/24/14  
Updated: DUXG 5/28/15

**PRE-WORK:**

1. Utilize the rig move check list.
2. Check anchors and verify that pull test has been completed in the last 24 months.
3. Ensure location of and distance to power lines is in accordance with MCBU SWP. Complete any electrical variance in RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
6. When NU anything over an open wellhead, ensure the hole is covered to avoid dropping anything down hole.
7. For wells to be worked on or drilled in an H2S field/area, include the anticipated maximum amount of H2S that an individual could be exposed to along with the ROE calculations for 100' and 500'.
8. Have horses head removed and moved out of the way.
9. Get procedure for the next well in the queue and check out the location for the next well. Ensure that it is ready to move on once this job is complete.



WELL NAME: State 'AN' 14  
Job Scope: Raise Cement to Surface  
ChevNo:30-025-41295 API #:NW0932  
Operator: Chevron Midcontinent, L.P.  
Location: Vacuum FMT County: Lea  
Spud:02/09/14 Completion:2/24/14  
Updated: DUXG 5/28/15

#### PROCEDURE:

1. MIRU workover rig. Note tubing and casing pressure on well. Bleed well down.
  - **If needed use 10 ppg brine to kill well.**
2. Remove stuffing box and lay down polish rod.
3. Unseat pump and TOO H racking back rods.
  - **Inspect rods and replace any that show signs of wear or pitting.**
  - **Note the conditions of the rods in wellview.**
4. Ensure well is dead. ND WH.
  - **If necessary kill well with 10ppg brine.**
  - **Observe well for 30 minutes to ensure that it is dead.**
5. NU 5 M remotely-operated hydraulically-controlled BOP with 2-7/8" pipe rams on top and blind rams on bottom. NU EPA pan. Perform accumulator draw down test. Note test results and closure time in wellview.
  - **Function test the blind rams prior to NU the BOP.**
6. Rig up floor. Unset 5 1/2" TAC, POOH one stand and PU a compression or cup test packer. RIH and set test packer ~25'. Test 2-7/8" pipe rams to 300 low and 500 high for 5 minutes. Record test pressures in wellview.
  - **Keep a copy of the stump test provided by the BOP company.**
  - **Bleed the pressure off between each test. Do not step up the pressure.**
7. POOH scanning with production tubing.
  - **Rack back all yellow band and lay down the rest. Order replacement 2-7/8" L-80 8rd 6.5# as needed.**
8. PU a 4-3/4" mill tooth bit on 2-7/8" L-80 8rd 6.5# workstring.
9. TIH and tag fill.
10. RU power swivel.
11. Gain circulation and begin cleaning out fill to PBTD. (6397')
12. Circulate the well clean and TOO H racking back WS and laying down BHA.
13. PU a 5 1/2" RBP and RIH to 1900'.
14. Set RBP.
15. Shut the pipe rams and test the RBP to 500 psi against the casing for 5 minutes.
16. Bleed off the pressure and dump 20' of sand on top of the RBP.
17. POOH.



WELL NAME: State 'AN' 14  
Job Scope: Raise Cement to Surface  
ChevNo:30-025-41295 API #:NW0932  
Operator: Chevron Midcontinent, L.P.  
Location: Vacuum FMT County: Lea  
Spud:02/09/14 Completion:2/24/14  
Updated: DUXG 5/28/15

18. MIRU wireline.
  - **Set an exclusion zone and test the lubricator to 1000 psi prior to picking up tools.**
19. PU a casing punch with 4 spf and 90 degree phasing.
20. RIH to 1750'.
21. Perf casing.
22. POOH with wireline.
23. RDMO wireline.
24. PU a 10' fiberglass sub and 5 ½" tension set packer on workstring.
25. RIH to 1650'.
26. Set the packer.
27. Establish injection rate. Do not go above 1000 psi without consulting the RE.
  - **This should circulate to surface. If it doesn't call the RE.**
28. MIRU cement crew.
  - **Test all lines to 5000 psi against a fully opening safety valve.**
  - **Restrain all lines that will have more than 2500 psi on them.**
29. Pump 350 sx (83 bbls) of class C 14.8 ppg cement circulating it to surface.
  - **Have sugar on location.**
  - **This should be 38% excess.**
30. Displace cement with 11 bbls of FW.
  - **This should put the TOC 50' below the packer.**
31. Shut in the well for 24 hours trapping ~ 570 psi of pressure under the packer.
32. Unset the packer and TOOH racking back the tubing and laying down the packer.
33. PU a 4 ¾" hurricane bit and 6 DC on workstring.
34. TIH and tag the TOC.
  - **Record TOC in wellview.**
35. Gain circulation and drill out cement to top of the sand.
  - **Do not drill on the sand.**
36. Circulate the well clean and POOH racking back the workstring and laying down the BHA.
37. PU a RBP retrieval tool.
38. TIH to the top of the sand.
39. Circulate the sand out of the well.



WELL NAME: State 'AN' 14  
Job Scope: Raise Cement to Surface  
ChevNo:30-025-41295 API #:NW0932  
Operator: Chevron Midcontinent, L.P.  
Location: Vacuum FMT County: Lea  
Spud:02/09/14 Completion:2/24/14  
Updated: DUXG 5/28/15

40. Latch onto the RBP, unset it and POOH.
41. PU and RIH with 2-7/8" L-80 8rd 6.5# production tubing and production BHA.
42. Set TAC.
43. Monitor the well for 30 minutes to ensure it is dead.
44. ND BOP and NU WH.
45. TIH with rods and pump per the attached rod design. Load and test tubing and long stroke the pump.
  - **If there is a pumping unit on location then space out. If not talk to the ALCR and space out based off of the given measurements.**
46. Show that this is the final report in wellview.
47. RDMO
48. Turn well over to production.

# State "AN" No.14 Wellbore Diagram

Created: 02/11/14 By: PTB  
 Updated: By:  
 Updated: By:  
 Lease: New Mexico State "AN"  
 Field: Vacuum (Blinebry)  
 Surf. Loc.: 500' FNL & 590' FEL  
 Bot. Loc.:  
 County: Lea St.: NM  
 Status: Producing Well

Well #: 14 St. Lse: -  
 API: 30-025-41295  
 Unit Ltr.: A Section: 7  
 TSHP/Rng: 18S 35E  
 Unit Ltr.: Section:  
 TSHP/Rng:  
 Directions: Buckeye, NM  
 CHEVNO: NW0932  
 OGRID: 4323

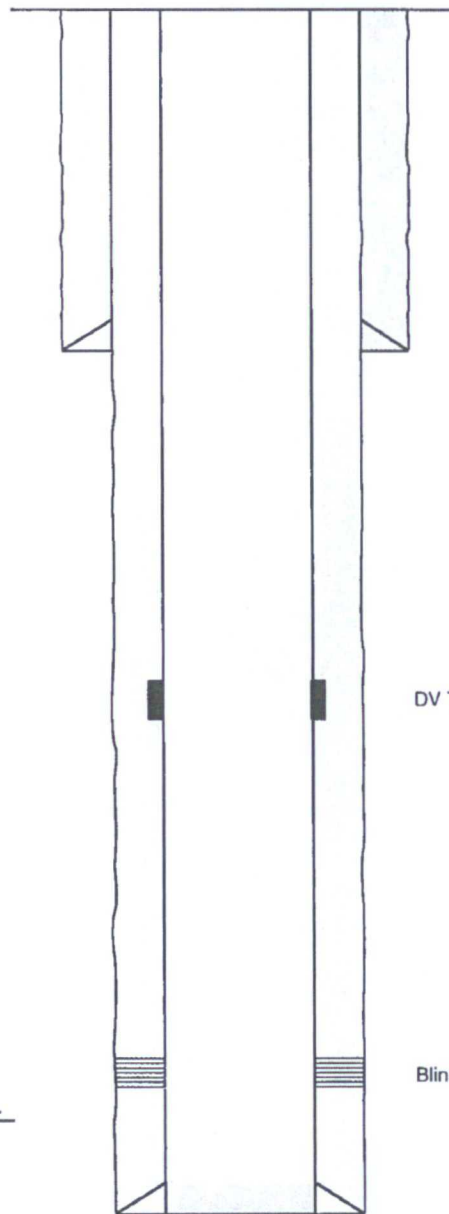
## Surface Casing

Size: 8 5/8"  
 Wt., Grd.: 24#, J-55  
 Depth: 1565'  
 Sxs Cmt: 820 sx  
 Circulate: Yes; 95 bbls  
 TOC: Surface  
 Hole Size: 11"

KB: 3,964.0  
 DF: 3,963  
 GL: 3,050  
 Ini. Spud: 02/09/14  
 Ini. Comp.:

## Production Casing

Size: 5 1/2"  
 Wt., Grd.: 17#, L-80  
 Depth: 6494'  
 Sxs Cmt: 370 1st Stg; 770 2nd Stg.  
 Circulate: No  
 TOC: 1800' - CBL  
 Hole Size: 7 7/8"



DV Tool @ 4963'

Blinebry Perfs: 5746 - 6064

PBTD: 6397'  
 TD: 6499'