

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  
May 27, 2004

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

WELL API NO. 30-025-33236
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name THEODORE ANDERSON
8. Well Number 10
9. OGRID Number 4323
10. Pool name or Wildcat MONUMENT BLINEBRY

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  
CHEVRON U.S.A. INC.

3. Address of Operator  
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter P: 990 feet from the SOUTH line and 515 feet from the EAST line

Section 8 Township 20S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3534'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

OTHER: ADD PERFS & FRAC STIMULATE BLINEBRY

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO ADD PERFS & FRAC STIMULATE THE BLINEBRY ZONE.

THE INTENDED PROCEDURE AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 01-03-2008  
Type or print name Denise Pinkerton E-mail address: leakejd@chevron.com Telephone No. 432-687-7375

For State Use Only

APPROVED BY: Chris Williams  
Conditions of Approval (if any):

OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE

JAN 08 2008

RECEIVED

JAN - 4 2008

HOBBS OCD

Theodore Anderson #10

12/19/07

Monument; Blinebry

T20S, R37E, Section 8

30-025-33236

Job: Add Perfs and Frac Stimulate Blinebry

**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 12/19/2007. 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/500 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.
3. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH LD rods and pump. Remove WH. Install BOP's and test as required. POH and stand back 2-7/8" tbg. **NOTE: LD tubing if corrosion/pitting are evident and use new 2-7/8" "Class A" tubing for job.**
4. PU and GIH with 4 3/4" MT bit, 2-7/8" tubing, and WS as needed to 6565'. Circulate well clean from 6565' with 8.6PPG cut brine water, if possible. POH with WS, tubing, and bit. LD bit.
5. MI & RU WL. GIH with 3-1/8" slick casing guns and perforate **Blinebry** formation with 4 JSPF at 120 degree phasing using 23 gram premium charges:

Top Perf	Bottom Perf	Net Feet	Total Holes
5600	5620	20	80
<b>Total</b>		<b>20</b>	<b>80</b>

**Note: Use Wedge Wireline Inc. dated 2/20/96 for depth correction.**

6. RD and release WL unit. RIH w/ treating pkr, hydrotesting to 5,000 psi. Set PKR @ +/- 5580'.
7. MIRU DS acid truck. Attempt to pump into perfs (5600'-5694'). Pump **2,100 gals** 15% NEFE anti-sludge HCl acid at a rate of **3-5 BPM** and max treating pressure of **6,000 psi** dropping a total of 210, 1.3 SG balls. Drop slugs of 30 ball sealers every 300 gallons. Displace with 8.6# BW – do not over displace. Record ISIP, 5, 10, & 15 minute SIP's.

\* Acid system to contain:

2 GPT A264  
8 GPT L63

Corrosion Inhibitor  
Iron Control Agents

3 PPT A179  
20 GPT U66  
2 GPT W53

Iron Control Aid  
Mutual Solvent  
Non-Emulsifier

8. RD DS acid truck. Open well and swab/flow back acid load. Recover 100% of spent acid and load before SI well for night. Report swab volumes to engineer. RD swab. Release pkr and TOH w/ pkr and 2-7/8" WS. POOH and LD pkr.
9. TIH w/ 5-1/2" Arrow-Set 10k pkr & On/Off tool w/ 2.25" F profile on 3-1/2" WS. Test tubing to 8,000 psi while going in hole. Install frac head. Set packer @ +/-5450'. Load backside with 2% KCL and pressure to 500#.
10. MI & RU DS Services. Frac Blinbry down 3-1/2" WS at **35 BPM** with 49,000 gals of YF125; 86,000 lbs. 16/30 mesh Jordan Sand and 48,000 lbs resin-coated 16/30 mesh CR4000 proppant. Observe a maximum surface treating pressure of **8,000 psi**. Pump job as follows:  
  
Pump 2,000 gals 2% KCL water spacer @ 20 BPM  
Pump 22,000 gals YF125 pad containing 5 GPT J451 Fluid Loss Additive @ 35 BPM  
Pump 2,000 gals YF125 ramping from 1.5 to 2.5 PPG 16/30 Jordan Sand @ 35 BPM  
Pump 2,000 gals YF125 ramping from 2.5 to 3.5 PPG 16/30 Jordan Sand @ 35 BPM  
Pump 5,000 gals YF125 ramping from 3.5 to 4.5 PPG 16/30 Jordan Sand @ 35 BPM  
Pump 8,000 gals YF125 ramping from 4.5 to 6.0 PPG 16/30 Jordan Sand @ 35 BPM  
Pump 2,000 gals YF125 holding 6.0 PPG 16/30 Jordan Sand @ 35 BPM  
Pump 8,000 gals YF125 holding 6.0 PPG 16/30 **resin-coated** CR4000 proppant @ 35 BPM  
  
Flush to 5540' with 2,080 gal (49.5 Bbls) WF125. **Do not overflush.** Shut well in. Record ISIP, 5, 10 and 15 minute SI tbg pressures. **Leave well SI overnight.**
11. Open well. Bleed pressure from well, if any. Release pkr. POH LD 3-1/2" work string, on-off tool, and pkr. LD 3-1/2" WS.
12. PU and GIH with 4 3/4" MT bit on 2-7/8" WS. Tag for fill and clean out to 6565', using air unit if necessary. POH with 2-7/8" WS and bit. LD bit.
13. PU and GIH with 5-1/2" Lok-Set pkr and On-Off tool w/ 2.25" "F" profile on 2 7/8" tbg string to 5625'. Set pkr at +/- 5625'. Open well. GIH and swab well until there is no sand inflow. Release pkr. POH with 2-7/8" tbg string, pkr, and on-off tool. LD pkr and on-off tool.
14. PU and GIH w/ BP mud anchor jt of 2 7/8" tbg, 2 7/8" x 4' perforated sub, SN, 1 jt. 2 7/8" EUE 8R J-55 IPC tbg, 7 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 175 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 5471', with EOT at 5757' and SN at 5719'.
15. NDBOP. NUWH. RIH w/ rods and pump per ALS recommendation.
16. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

Engineer – Richard Jenkins

432-687-7120 Office

432-631-3281 Cell

Well: **Theodore Anderson #10**

Reservoir: **Monument; Blinebry**

<b>Location:</b>	
	990' FSL & 515' FEL
Section	8
Township	20S
Range	37E
County:	Lea, NM

<b>Elevations:</b>	
GL:	3534'
DF:	
KB:	

**(2/96)**

- \* Perf 6639'-6645', 6738'-6746', 6780'-6786' w/2, 4" JHPF. Acid w/5,000 gals 15% NEFE.
- \* Perf 6728'-6736' w/2, 4" JHPF. Acid 6639'-6786' w/2800 gals 15% HCL.

**(3/96)**

- \* Perf 6855' w/4 JHPF. Acid w/300 gals 15%. Sqz 6639'-6786' w/225 sx cmt. Re-perf 6728'-6736' w/2, 4" JHPF. Spot w/300 gals 15% HCL. Acid w/600 gals 15% HCL. Re-perf 6728'-6736' w/4" csg gun w/23-g lined charges. Acid w/750 gals 15% HCL. Set CIBP @ 6600', cap w/35' cmt.
- \* Perf 5540', 5542', 5558', 5560', 5693', & 5695' w/1 JHPF. Attempt to sqz, unable to pump into perfs.
- \* Perf 5674'-5694' w/2, 4" JHPF. Acid w/2000 gals 15%.
- \*well flowing

**(1997)**

Pumping unit installed

**(2003)**

Tubing Failure. Lots of paraffin. Upgrade chemical treatment

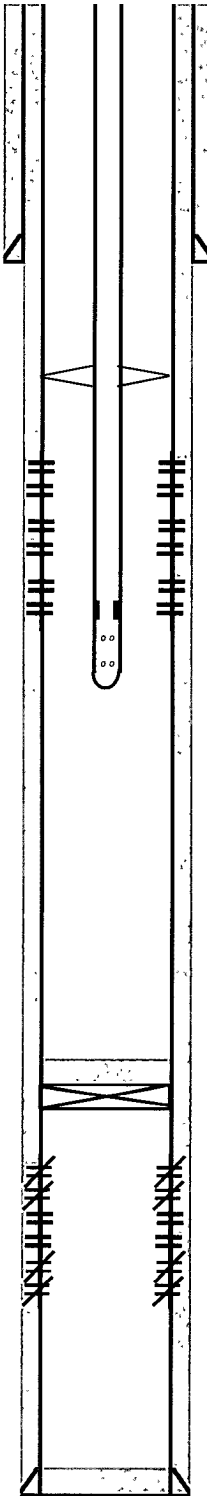
**(2006)**

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, WQ Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

PBTD: 6565'  
TD: 6950'

Updated: 10/19/2007

**Current Wellbore Diagram**



By: rjdg

**Well ID Info:**

Refno BE2679  
API No: 30-025-33236  
L5/L6: UCL270900  
Spud Date 1/22/1996  
Compl. Date 2/27/1996

**Surf Csg:** 8-5/8", 24#, WC-50

**Set:** @ 1123' w/ 610 sks

**Hole Size:** 12-1/4"

**Circ:** Yes

**TOC By:** Circulation

**TOC:** Surface

**TAC @ 5471'**

**Blinebry**

**Status**

5540'	Open	
5542'	Open	
5558'	Open	1 JHPF
5560'	Open	
5693'	Open	
5695'	Open	
5674'-94'	Open	2, 4" JHPF

**Tubing Detail as of: 8/23/2006**

#Jts:	Size:	Footage
175	Jts. 2 7/8" EUE 8R J-55 Tbg	5470.87
	TAC	2.77
7	Jts. 2 7/8" EUE 8R J-55 Tbg	216.14
	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	29.5
	SN	1.1
	2 7/8" x 4' Perf Tbg Sub	4.15
	Mud Anchor	32.19
223	Bottom Of String >>	5756.72

**CIBP @ 6600 w/ 35' cmt**

**Drinkard**

**Status**

6639'-6645'	Squeezed
6728'-6736'	Open - Below CIBP
6738'-6746'	Squeezed
6780'-6786'	Squeezed
6855'	Squeezed

**Prod Csg:** 5-1/2" 15 5#, K-55

**Set:** @ 6950' w/ 460 sks

**Hole Size:** 7-7/8"

**Circ:** Yes

**TOC By:** Circulation

**TOC:** Surface

Well: **Theodore Anderson #10**

UL-P

Reservoir: **Monument; Blinebry**

**Location:**  
990' FSL & 515' FEL  
Section: 8  
Township: 20S  
Range: 37E  
County: Lea, NM

**Elevations:**  
GL: 3534'  
DF:  
KB:

**(2/96)**

\* Perf 6639'-6645', 6738'-6746', 6780'-6786' w/2, 4" JHPF. Acid w/5,000 gals 15% NEFE.  
\* Perf 6728'-6736' w/2, 4" JHPF. Acid 6639'-6786' w/2800 gals 15% HCL.

**(3/96)**

\* Perf 6855' w/4 JHPF. Acid w/300 gals 15%. Sqz 6639'-6786' w/225 sx cmt. Re-perf 6728'-6736' w/2, 4" JHPF. Spot w/300 gals 15% HCL. Acid w/600 gals 15% HCL. Re-perf 6728'-6736' w/4" csg gun w/23-g lined charges. Acid w/750 gals 15% HCL. Set CIBP @ 6600', cap w/35' cmt.  
\* Perf 5540', 5542', 5558', 5560', 5693', & 5695' w/1 JHPF. Attempt to sqz, unable to pump into perfs.  
\* Perf 5674'-5694' w/2, 4" JHPF. Acid w/2000 gals 15%.  
\*well flowing

**(1997)**

Pumping unit installed

**(2003)**

Tubing Failure. Lots of paraffin. Upgrade chemical treatment

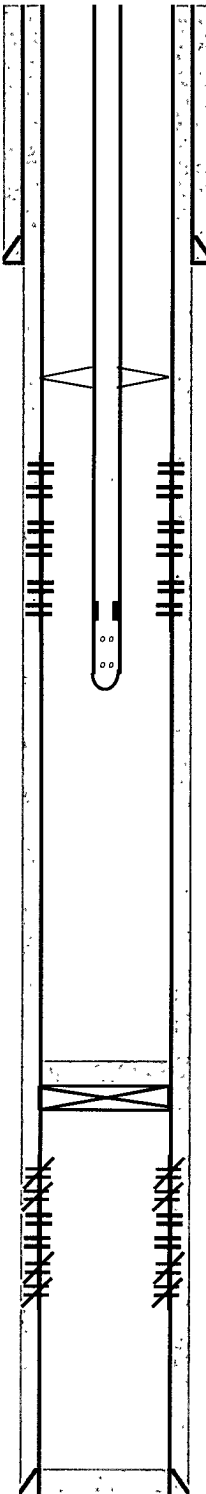
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PBTD: 6565'  
TD: 6950'

Updated: 10/19/2007

**Proposed Wellbore Diagram**



By: rjdg

**Well ID Info:**

Refno: BE2679  
API No: 30-025-33236  
L5/L6: UCL270900  
Spud Date: 1/22/1996  
Compl. Date: 2/27/1996

Surf Csg: 8-5/8", 24#, WC-50

Set: @ 1123' w/ 610 sks

Hole Size: 12-1/4"

Circ: Yes

TOC By: Circulation

TOC: Surface

**TAC @ 5471'**

**Blinebry**

**Status**

5540'	Open
5542'	Open
5558'	Open
5560'	Open
5600'-20'	Open
5693'	Open
5695'	Open
5674'-94'	Open

**Recommended Tubing Detail**

#Jts:	Size:	Footage
175	Jts. 2 7/8" EUE 8R J-55 Tbg	5470.87
	TAC	2.77
7	Jts. 2 7/8" EUE 8R J-55 Tbg	216.14
	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	29.5
	SN	1.1
	2 7/8" x 4' Perf Tbg Sub	4.15
	Mud Anchor	32.19
223	Bottom Of String >>	5756.72

CIBP @ 6600 w/ 35' cmt

**Drinkard**

**Status**

6639-6645'	Squeezed
6728'-6736'	Open - Below CIBP
6738'-6746'	Squeezed
6780'-6786'	Squeezed
6855'	Squeezed

Prod Csg: 5-1/2" 15.5#, K-55

Set: @ 6950' w/ 460 sks

Hole Size: 7-7/8"

Circ: Yes

TOC By: Circulation

TOC: Surface