HELMS Oil & Gas

Mailing Address
P.O. Box 52808, Midland, Texas, 79710
Physical Address
1509 West Wall Street, Suite 201, Midland, Texas, 79701
Phone 432-682-1122 Fax 432-682-1166

November 20, 2016

EMNRD OCD Engineering
Attn: Mr. Philip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: J. Cooper Enterprises, Inc.
Cooper 8 #2 (API No 30-025-36529)
Section 8, T20S, R37E, Lea County, NM.
Admin Order SWD-1613

Mr. Goetze,

Please reference the attached EMNRD Administrative Order of the Oil Conversation Division (Order SWD-1613) dated January 19, 2016 and the attached letter dated April 13, 2016 submitted by Mr. Eddy Seay, Agent, on behalf of J. Cooper Enterprises, Inc. (Cooper).

Order SWD-1613 provided, as based on the data originally submitted with the OCD Form C-108 application on the J. Cooper – Cooper 8 #2 along with prior information submitted, that the operator, J. Cooper Enterprises, was required to make certain "corrective actions" pertaining to the AOR of the approved permit regarding the Chevron – Theodore Anderson #10 (API No 30-025-33236) wellbore. Those corrective actions required the re-entry, squeeze cementing and then properly plugging and abandoning of the Chevron – T. Anderson #10 wellbore before the J. Cooper Enterprises - Cooper 8 #2 well could be completed as a SWD.

Based on additional research and in cooperation with Mr. Bob Bielenda of Chevron, I am providing a revised wellbore diagram and original cementing details of the 5-1/2" production string specific to the T. Anderson #10 that will hopefully confirm that the T. Anderson #10 has sufficient cement volumes behind the 5-1/2" production casing adjacent, above and below the correlative J. Cooper Enterprises – Cooper 8 #2 proposed San Andres injection interval of 4,300' to 4,900' that the will prevent migration of injection fluids from the proposed injection interval in the offsetting T. Anderson #10 P&A'd wellbore. I have prepared the revised T. Anderson #10 WB diagram based on information that was submitted to the EMNRD OCD via various Forms C-103, C-105 and their associated attachments along with information that was provided by Mr. Bielenda from Chevron's internal files.

The critical information that was provided by Mr. Bielenda was Chevron's actual cementing details of the 5-1/2" production casing that was performed on 2/10/96. This cementing detail shows that Chevron performed a two (2) stage cement job on the T. Anderson #10 5-1/2" casing with a DV "stage" tool being placed at 3,901'. The 1st stage cement volumes consisted of 160 sx of lead cement and 300 sx of tail cement for a total of 460 sx. The 2nd stage cement volumes pumped consisted of 1,320 sx of lead cement followed by 100 sx of tail cement for a total of 1,420 sx of cement. Therefore the 5-1/2" production casing on the T. Anderson #10 was cemented with a total of 1,880 sx of cement. This is in conflict with the Form C-103 dated 3/26/96 that was filed by Chevron showing that the 5-1/2" casing was only cemented with 460 sx but circulated to the surface. It appears that the Chevron Technical Assistant, J. K. Ripley, only reported the 1st stage cement volumes on the Form C-103 and likewise on the Form C-105 dated 4/1/96.

In reviewing other offsetting Chevron drilled and completed wells in the area, all of which utilized considerable more cement on the production casing, along with the fact that when the T. Anderson #10 was P&A'd in 4/2010 Chevron was unable to pump into squeeze perforations at 4,498', 3,800', 2,500' and 1,275', I became suspicious that the reported cement volume of 460 sx was in error which prompted me to contact Mr. Bielenda. Following my inquiry, Mr. Bielenda was able to provide me with the correct and actual 5-1/2" casing two (2) stage cement details. I have attached the email from Mr. Bielenda dated 11/10/16 wherein he transmitted the detailed 5-1/2" casing cementing details showing the two (2) stage cement job described above and displayed on the attached revised WB diagram.

While Chevron reports that no cement was circulated off the top of the DV tool following the 1st stage cement volumes my inspection of the open hole GR / Caliper / CNL / Litho-Density log (copy of log attached with completion and plugging information) shows that the annular hole volume (AHV) between the actual calipered OH diameter and 5-1/2" casing OD up to the DV tool at 3,901' was ± 705 cuft. Per the Chevron 5-1/2" cement details the total volume of 1st stage cement pumped of 857 cuft (160 sx lead @ yield of 2.75 cuft/sx lead + 300 sx tail @ yield of 1.39 cuft/sx) being 121% over the OH calipered AHV was sufficient to place the cement above or near the DV tool. In addition, and as mentioned above, squeeze holes at 4,498' (below the DV tool) and at 3,800' (above the DV tool) were unable to be broken down and accept cement volumes when the well was P&A'd in 4/2010.

Following your review of above, the attached documents and the revised WB diagram on the T. Anderson #10, I would respectfully request that the EMNRD OCD would dismiss the corrective action in the Administrative Order SWD-1613 dated January 19, 2016 that required J. Cooper Enterprises to re-enter the Chevron – T. Anderson #10 wellbore to properly seal the upper limit of the approved injection interval within the annulus as the reported 2 stage cement job and inability to squeeze cement into the intervals noted during the P&A procedure evidences that the T. Anderson #10 wellbore is sufficiently isolated above and below the J. Cooper Enterprises proposed injection interval in the Cooper 8 #2.

I believe that the second part of the corrective action wherein Mr. Eddy Seay, via his letter dated 4/13/16, provided the EMNRD OCD with a copy of the GR / CBL log on the Chevron – T. Anderson #5 wellbore showing that the TOC in the T. Anderson #5 at 2,272' has satisfied this requirement.

I appreciate your efforts in reviewing this data. Please feel free to contact me if you have any questions or require any additional information.

Sincerely,

Michael Stewart
President – HeLMS Oil & Gas, LLC
Agent for J. Cooper Enterprises

Cc: Mr David Catanach – EMNRD OCD Director
Mr. Maxey Brown – EMNRD OCD District I Supervisor
Mr. Jimmie Cooper – Cooper Enterprises, Inc.

Attachments

Exhibit 1	EMNRD Administrative Order of the Oil Conversation Division Order SWD-1613 dated 1/19/16.
Exhibit 2	Letter dated 4/13/16 from Mr. Eddy Seay, Agent on behalf of J. Cooper Enterprises to NMNRD OCD Engineering Attn. Mr. Philip Goetze.
Exhibit 3	Various NMOCD Forms 103 and 105 specific to the Chevron – Theodore Anderson #10, API No 30-025-33236, Unit P, Section 8, T20S, R37E, Lea Co., NM.
Exhibit 4	Email dated 11/10/16 from Bob Bielenda with Chevron U.S.A transmitting detailed 5-1/2" casing and cementing records on the T. Anderson #10.
Exhibit 5	Chevron U.S.A detailed 5-1/2" casing and cementing records on the T. Anderson #10.
Exhibit 6	Revised WB Diagram and detailed history on the Chevron – T. Anderson #10 as prepared by M. Stewart incorporating attached information.
Exhibit 7	Chevron – T. Anderson #10 Schlumberger GR / Caliper / CNL / Litho-Density OH log run 2/9/96

Exhibit 1

State of New Mexico
Energy, Minerals and Natural Resources Department

Administrative Order SWD-1613
January 19, 2016

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Pursuant to the provisions of Division Rule 19.15.26.8(B) NMAC, J. Cooper Enterprises, Incorporated (the "operator") seeks an administrative order to authorize the Cooper 8 Well No. 2 with a location 1850 feet from the North line and 630 feet from the East line, Unit letter H of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, for the commercial disposal of produced water.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 19.15.26.8(B) NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 19.15.26.8 NMAC have been met and the operator is in compliance with Rule 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, J. Cooper Enterprises, Inc. (OGRID 244835), is hereby authorized to utilize its Cooper 8 Well No. 2 (API No. 30-025-36529) with a location 1850 feet from the North line and 630 feet from the East line, Unit letter H of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, for commercial disposal of oil field produced water (UIC Class II only) through a perforated interval within the San Andres formation from 4300 feet to 4900 feet below surface. Injection shall occur through 3½-inch or smaller, internally-coated tubing and a packer set a maximum of 100 feet above the top perforation.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface. This includes the well construction proposed and described in the application, and, if necessary, as determined by the District Supervisor.

The operator shall complete the listed corrective action for the following well within the Area of Review:

Theodore Anderson Well No. 10 (API 30-025-33236)
Corrective Action: *The operator shall emplace sufficient cement in the annulus of 7-inch production casing to properly seal the upper limit of the approved injection interval within the annulus. The operator shall re-enter and drill out the cement plugs above the cement cap of the bridge plug at 4500 feet below surface. The operator shall perforate the casing at approximately 4350 feet and squeezed a sufficient volume of cement into the annulus to provide a minimum of 200 feet of cement above the perforation depth. Upon the completion of the remedial work, the well shall be properly abandoned following Division Rule 19.15.25 NMAC.*

If the operator is unable to squeeze the volume of cement calculated for proper sealing of the annulus, then the operator shall run a cement bond log (CBL) for the 7-inch production casing and properly abandoned the well. A copy of the CBL shall be submitted to the Santa Fe Bureau office and the District I office for review and the operator shall receive approval from the Santa Fe Bureau office prior to commencing injection. All remedial work and associated abandonment procedures shall be reviewed and approved by the District Supervisor.

The operator shall also obtain a reproduction of the cement bond log (identified in the Form C-105 dated April 24, 1996) for the T Anderson Well No. 5 (API 30-025-33296) and provide a copy to the Santa Fe Bureau office.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT procedures and schedules shall follow the requirements in Division Rule 19.15.26.11(A) NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to **no more than 860 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well. At the discretion of the supervisor of the Division's District I office, the operator shall install and maintain a chart recorder showing casing and tubing pressures during disposal operations.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's District I office of the date and

time of the installation of disposal equipment and of any MIT so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's District I office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

The injection authority granted under this order is not transferable except upon Division approval. The Division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The Division may revoke this injection order after notice and hearing if the operator is in violation of Rule 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two (2) years after the effective date of this Order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this Order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

David R. Catanach

DAVID R. CATANACH
Director

DRC/prg

cc: Oil Conservation Division – Hobbs District Office

Exhibit 2

April 13, 2016

NMOCD Engineering
ATTN: Philip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: J. Cooper Enterprises, Inc.
Cooper 8 #2 (API 30-025-36529)
SWD - 1613

Mr. Goetze:

I appreciate your approval to our application.

I met with Maxey Brown, Hobbs OCD District Supervisor, to discuss the "corrective action" pertaining to the AOR of this permit.

Pertaining to the Chevron Theodore Anderson #10, API 30-025-33236, "corrective action" was to re-enter, squeeze and properly P & A. According to Mr. Brown and the field rep. who witnessed the P & A of well #10, Chevron perforated and attempted to squeeze 5 ½" casing (4) four times at 4498', 3800', 2500' and 1275', and could not, plugs were set at each perforated point per OCD. They perforated at 400' and circulated to surface. It was determined by OCD and Chevron that the cement top behind the 5 ½" casing was at approximately 400' from surface. This was confirmed after I contacted Mr. Bob Bielenda, Senior Production Engineer for Chevron. Mr. Bielenda sent me information and comments pertaining to the cementing of well #10 and also the final P & A. Information for well #10 is within.

I have hopes after you have reviewed this information, the OCD will change the "corrective action" and not require J. Cooper to re-enter the Chevron T. Anderson #10. A new revised schematic is attached.

If you have any questions, please call Maxey Brown, OCD Hobbs at 575-393-6161 or Bob Bielenda, Senior Production Engineer for Chevron at 1-432-687-7877.

As to part two of the "corrective action", Chevron T. Anderson #5, API 30-025-33296. Chevron's Engineer has provided me a copy of the CBL and an explanation as to the cement top of the 5 ½" casing which was 2272'. Copies of letter and log are within.

I appreciate your time in this matter and if you have any additional questions or need anything further, please call. Looking forward to hearing from you.

Sincerely,

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
575-392-2236
seay04@leaco.net

cc: Maxey Brown, OCD District Supervisor
David Catanach, Director
J. Cooper Enterprises

Exhibit 3

Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-33236

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

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)

7. Lease Name or Unit Agreement Name: THEODORE ANDERSON

1. Type of Well: OIL WELL [X] GAS WELL ☐ OTHER

2. Name of Operator: Chevron U.S.A. Inc.

8. Well No. 10

3. Address of Operator: P.O. Box 1150, Midland, TX 79702

9. Pool name or Wildcat: WEIR-BLINEBRY

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 Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3534'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	[X]	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	[X]		
OTHER	☐			OTHER	☐		

12. 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.**

Spudded 12/14" hole 1/22/96.

Drilled to 1123'. Ran 8-5/8" csg; cmt w/610 sx Cl "C". Circ to surf; test 1500#-ok.

Drilled 1123'-6950'. Ran 5-1/2" csg; cmt w/460 sx Cl "C". Circ to surf; test 2000#-ok.

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

SIGNATURE J.K. Ripley TITLE Technical Assistant DATE 3/26/96

TYPE OR PRINT NAME J. K. Ripley TELEPHONE NO. 915-687-7148

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE MAR 28 1996

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-025-33236

5. Indicate Type Of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name
THEODORE ANDERSON

2. Name of Operator
Chevron U.S.A. Inc.

8. Well No.
10

3. Address of Operator
P.O. Box 1150, Midland, TX 79702

9. Pool name or Wildcat
WEIR-BLINEBRY

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 Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl.(Ready to Prod.)	13. Elevations(DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
1/22/96	2/9/96	3/18/96	3534' GL	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
6950'	6565'			Rotary	

19. Producing Interval(s), of this completion - Top, Bottom, Name
5674'-5694' Blinebry

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Litho Density Comp Neutron

22. Was Well Cored
No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1123'	12-1/4"	610 SX - SURF	
5-1/2"	15.5	6950'	7-7/8"	460 SX - SURF	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5612'	

26. Perforation record (interval, size, and number)
5674'-5694' w/2JHPF

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5674'-5694'	48 BBLS 15% HCL

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
2/27/96	Flowing	Prod

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/31/96	24	12/64		396	481	0	1215

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
350#			396	481	0	46.5

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By

30. List Attachments
Deviation Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature J.K. Ripley Printed Name J. K. Ripley Title Tech Assis Date 4/1/96

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy 1080'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1174'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2393'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2445'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2711'	T. Devonian	T. Menefee	T. Madison
T. Queen 3083'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3469'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3714'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5109'	T. McKee	Base Greenhorn	T. Granite
T. Paddock 5185'	T. Ellenburger	T. Dakota	T.
T. Blinebry 5574'	T. Gr. Wash	T. Morrison	T.
T. Tubb 6293'	T. Delaware Sand	T. Todilto	T.
T. Drinkard 6556'	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 5674' to 5694' No. 3, from ..... to .....

No. 2, from ..... to ..... No. 4, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3. from ..... to ..... feet .....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	1080	1080	Sandstone, Shale				
1080	1174	94	Anhydrite				
1174	2393	1219	Salt, Anhydrite				
2393	3083	690	Dolo,Sandstone,minor Anh				
3083	3469	386	Sandstone, Dolomite				
3469	5109	1640	Dolomite				
5109	5185	76	Sandstone, Dolomite				
5185	6293	1108	Dolomite,minor Sandstone				
6293	6556	263	Sandstone, Dolomite				
6556	6950	394	Dolomite				

Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210-

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-33236

5. Indicate Type of Lease STATE [ ] FEE [X]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: THEODORE ANDERSON

1. Type of Well: OIL WELL [X] GAS WELL [ ] OTHER

2. Name of Operator: Chevron U.S.A. Inc.

8. Well No. 10

3. Address of Operator: P.O. Box 1150, Midland, TX 79702

9. Pool name or Wildcat: WEIR-BLINEBRY

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 LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3534'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER:	[ ]			OTHER: INSTALLED PUMP	[X]		

12. 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.

INSTALLED BETHELEM 320-D PUMPING UNIT. WELL WAS PREVIOUSLY FLOWING.

WORK PERFORMED 8/13/97

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

SIGNATURE J.K. Ripley TITLE TECHNICAL ASSISTANT DATE 9/3/97

TYPE OR PRINT NAME J. K. RIPLEY TELEPHONE NO. (915)687-7148

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY GARY WINK FIELD REP. II TITLE DATE SEP 24 1997

CONDITIONS OF APPROVAL, IF ANY:

Well: **Theodore Anderson #10**

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 parriffin. Upgrade chemical treatment

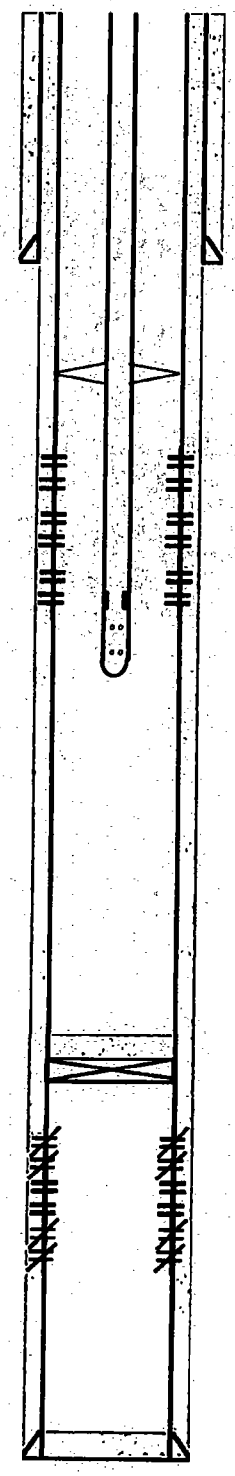
(2006)

This wellbore diagram is based on the most recent information 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, WEO 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	1 JHPF
5558'	Open	
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

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District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Ave , Artesia, NM 88210
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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

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

Form C-103
May 27, 2004

WELL API NO.
30-025-33236

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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)

7. Lease Name or Unit Agreement Name
THEODORE ANDERSON

1. Type of Well: Oil Well ☐ Gas Well ☐ Other

8. Well Number 10

2. Name of Operator
CHEVRON U.S.A. INC.

9. OGRID Number 4323

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

10. Pool name or Wildcat
MONUMENT BLINEBRY

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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER: ADD PERFS & FRAC STIMULATE BLINEBRY				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 TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE JAN 08 2008
Conditions of Approval (if any):

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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 ¾" 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
Total		***20***	***80***

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	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents

3 PPT A179	Iron Control Aid
20 GPT U66	Mutual Solvent
2 GPT W53	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 Blinebry down 3-½" 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 3-½" work string, on-off tool, and pkr. LD 3-1/2" WS.

12. PU and GIH with 4 ¾" 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

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District I
1625 N French Dr , Hobbs, NM 88240
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1301 W. Grand Ave , Artesia, NM 88210
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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO.
30-025-33236

5. Indicate Type of Lease
STATE ☑ FEE ☐

6. State Oil & Gas Lease No.

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)

7. Lease Name or Unit Agreement Name
THEODORE ANDERSON

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number 10

2. Name of Operator
CHEVRON U.S.A. INC.

9. OGRID Number 4323

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

10. Pool name or Wildcat
MONUMENT BLINEBRY

4. Well Location
Unit Letter P: 990 feet from the SOUTH line and 1515 feet from the EAST line
Section 8 Township 20-S Range 37-E 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			OTHER: ADD PERFS & FRAC			

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.

02-14-08: MIRU. 2-15-08: PMP 200 BBLS 2% CHEM HOT WTR. SWAB. PMP 55 GALS PARAFFIN CHEMICAL DN TBG. 2-18-08: PMP 200 BBLS PARAFFIN CHEM DN CSG. SWAB.EOT @ 5758. TIH W/BIT & TAG @ 6456. TITE SPOT @ 5710. WORK THRU. 2-19-08: TIH W/BIT TO 5956. PERF 5600-20. TIH W/PKR TO 5458. SET PKR. 2-20-08: ACIDIZE PERFS W/2100 GALS 15% HCL. TIH W/PKR TO KNOCK BALLS OFF PERFS. 2-21-08: TIH W/FRAC PKR & SET @ 5451. 2-25-08: FRAC PERFS W/49,000 GALS YF125FT & SAND. 2-26-08: TIH W/SLICKLINE. TAG @ 5542. UNSET PKR. TIH W/BIT TO 5110. 2-28-08: TIH W/BIT & TAG @ 5542. WASH SAND TO 6565. 2-29-08: TIH W/PKR & SET @ 5458. 03-03-08: SWABBING. PMP 55 GALS RE-4777 SCALE CHEM MIXED W/50 BBLS, 200 BBLS. 03-04-08: UNSET PKR. TIH W/RODS. 03-05-08: PU PUMP & RODS. LOAD & TEST TBG. 03-06-08: PMP 30 BBLS TO KILL WELL. HU WH. SPACE OUT RODS. RIG DOWN. FINAL REPORT

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 03-20-2008

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 TITLE OC DISTRICT SUPERVISOR/ GENERAL MANAGER DATE APR 01 2008

Conditions of Approval (if any):

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
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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Form C-103
June 19, 2008

WELL API NO. 30-025-33236	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name THEODORE ANDERSON
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number 10
2. Name of Operator CHEVRON U.S.A. INC.	9. OGRID 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	10. Pool name or Wildcat Monument ~~WEIR~~, BLINEBRY
4. Well Location Unit Letter P: 990 feet from the SOUTH line and 515 feet from the EAST line Section 8 Township 20-S Range 37-E NMPM County LEA	
	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	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER: INTENT TO TEMPORARILY ABANDON				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 TEMPORARILY ABANDON THE SUBJECT WELL.
THIS WELL WILL BE PLUGGED & ABANDONED WHEN RIG IS AVAILABLE.

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

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 11-02-2009

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: Gary W. Hill TITLE DISTRICT 1 SUPERVISOR DATE NOV 03 2009

Conditions of Approval (if any):

Condition of Approval: Notify OCD Hobbs office 24 hours prior to running MIT Test & Chart

Theodore Anderson #10
30-025-33236
Weir, Blinebry
T 20S R 37E, Sec. 8
990' FSL & 515' FEL
Charge To: UCL270900

Job: TA 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 9/4/2009. 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 pulling unit. Bleed pressure from well, if any. Pump down casing 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 with production tubing string.

4. MI & RU Baker Atlas WL electric line unit. Install lubricator and test to 1000 psi. GIH with gauge ring and junk basket (for 5- 1/2" 15.5# csg) to 5500'. POH. GIH and set CIBP in 5-1/2" csg at 5490'. POH. GIH and dump 35' cement on top of CIBP. POH. RD & release electric line unit. **Note: Use Schlumberger litho-density log dated 2/9/1996 for correlation.**

5. GIH with 2-7/8" tbg string to 5455'. Reverse circulate well clean from 5455' using fresh water. Pressure test csg and CIBP to 500 psi. POH LD 2-7/8" tbg string.

6. Remove BOP's and install flanged-type WH. Install tapped bullplug, ½" ball valve and pressure gauge in top of 5- 1/2" csg string.

7. Notify NMOCD of MIT Test. Pressure test 5-1/2" csg to 500 psi and record chart for NMOCD. Change status of well in Catalyst to "AD". Send report and charts to Denise Pinkerton for filing with the NMOCD.

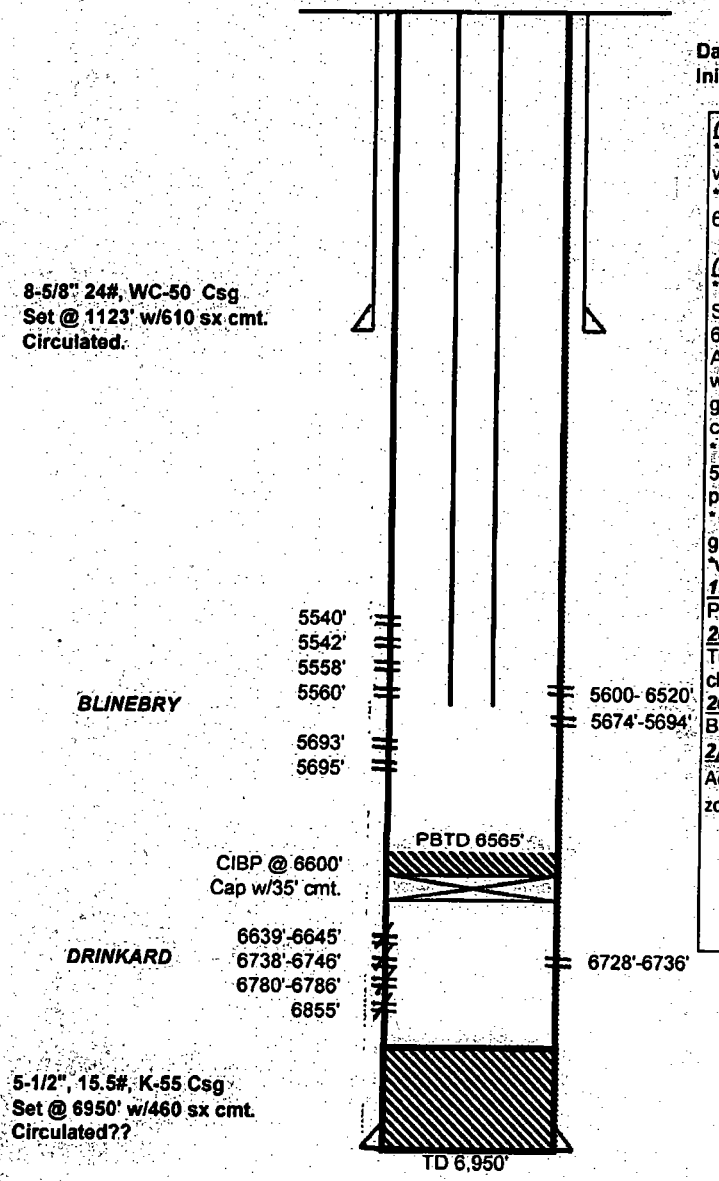
Adam English
9/4/2009

WELL DATA SHEET

FIELD: Weir **WELL NAME: Theodore Anderson #10** **FORMATION: Blinebry**

LOC: 990' FSL, 515' FEL, Unit P **SEC: 8** **GL: 3534'** **CURRENT STATUS:**
TOWNSHIP: 20S **COUNTY: Lea** **KB to GL:** **API NO: 30-025-33236**
RANGE: 37E **STATE: NM** **DF to GL:** **REFNO: BE2679**
COST CENTER: UCL270900

Date Completed: 3/19/1996
Initial Production:



(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 flowng

1997
Pumping unit installed

2003
Tubing Failure Lots of parrffin Upgrade chemical treatment

2006
Bad BPMJ, stroke length changed

2/2008
Add BLBR perfs (5600-20') and frac entire BLBR zone.

State
0,2

WELL DATA SHEET

FIELD: Weir **WELL NAME: Theodore Anderson #10** **FORMATION: Blinebry**

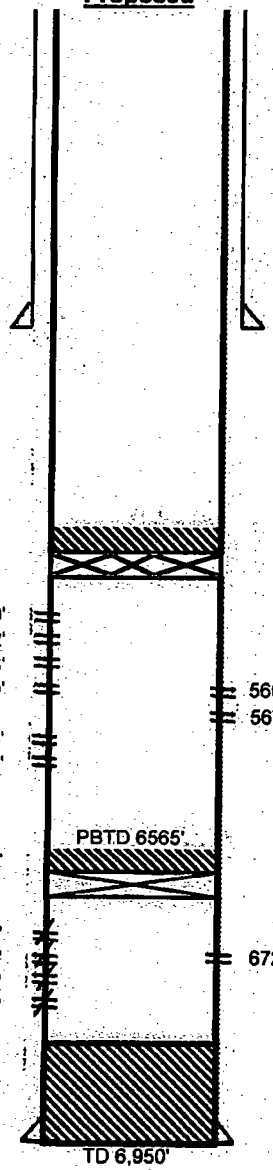
LOC: 990' FSL, 515' FEL, Unit P
TOWNSHIP: 20S
RANGE: 37E

SEC: 8
COUNTY: Lea
STATE: NM

GL: 3534'
KB to GL:
DF to GL:

CURRENT STATUS:
API NO: 30-025-33236
REFNO: BE2679
COST CENTER: UCL270900

Proposed



Date Completed: 3/19/1996
Initial Production:

(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 parriffin Upgrade chemical treatment

2006
Bad BPMJ, stroke length changed

2/2008
Add BLBR perfs (5600-20') and frac entire BLBR zone.

10/2009
Set CIBP at 5490' w/ 35' cmt and TA well

Modified by: akd
Date: 9/4/2009

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

Form C-103
June 19, 2008

WELL API NO. 30-025-33236	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
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)	7. Lease Name or Unit Agreement Name THEODORE ANDERSON
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	8. Well Number 10
2. Name of Operator CHEVRON U.S.A. INC.	9. OGRID 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	10. Pool name or Wildcat WEIR; BLINEBRY
4. Well Location Unit Letter P: 990 feet from the SOUTH line and 515 feet from the EAST line Section 8 Township 20-S Range 37-E NMPM County LEA	
	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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER:		OTHER: TEMPORARILY ABANDON	

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.

12-22-09: MIRU. 12-31-09: SET CIBP @ 5490'. MIX CMT & TIH W/DUMP BAILER. 1-02-10: CSG DID NOT TEST. SET PKR @ 5378. TEST 5378-5490. GOOD. REL PKR. PULL UP TO 2677. SET PKR. INTERVAL DID NOT TEST. REL PKR. TIH TO 3994. SET PKR. INTERVAL 3994 TO SURF TEST GOOD. REL PKR. TIH TO 4623. SET PKR. DID NOT TEST. REL PKR. TIH TO 5001. SET PKR. NO TEST. REL PKR. TIH TO 5189. SET PKR. NO TEST. REL PKR. TIH TO 5252. SET PKR. INTERVAL TESTED GOOD. REL PKR. SET PKR @ 5221. REL. PULL UP TO 4340. SET PKR. ANNULUS TESTED GOOD. REL PKR. TIH TO 4497. SET PKR. BACKSIDE TESTED GOOD. REL PKR. TIH TO 4560. SET PKR. INTERVAL TESTED GOOD. CSG LEAK LOCATED BETWEEN 4560-5252. REL PKR. 1-03-10: PLUG SET @ 5203, 5324, 4506, 5070, 4945, 4889, 4820, 4757, 4503. PKR SET @ 5180, 5306, 4488, 5054, 4928, 4865, 4804, 4740, 4677, 4488. REL PKR. REL PLUG. 1-04-10: TIH W/RBP. TOP OF PLUG @ 4493. BTM OF PLUG @ 4500. TEST CSG TO 550 PSI ON CHART FOR 30 MINS. PLUG & CSG TEST GOOD. 1-05-10: REL FROM RBP @ 4493. TIH W/PROD TBG FROM DERRICK TO 4480. CIRC 100 BBLS PKR FLUID. 1-06-10: DUMP 200 LBS SAND ON PLUG. PRESS TEST DRY HOLE TREE, RBP & CSG TO 550 PSI FOR 30 MINS ON CHART. TEST FAILED.

This well is on the rig schedule to plug and abandon.

Spud Date: | Rig Release Date: This Approval of Temporary Abandonment Expires

DENIED Test Failed EG 3-15-10

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 03-11-2010

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

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

Form C-103
March 4, 2004

WELL API NO. 30-025-33236
5. Indicate Type of Lease STATE ☑ FEE ☐
6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Theodore Anderson
1. Type of Well: Oil Well ☑ Gas Well ☐ Other
8. Well Number: 10
2. Name of Operator: Chevron USA, Inc.
9. OGRID Number: 4323
3. Address of Operator: #15 Smith Rd., Midland, TX 79705
10. Pool name or Wildcat: Weir; Blineberry
4. Well Location
Unit Letter P : 990 feet from the South line and 515 feet from the East line
Section 8 Township 20-S Range 37-E NMPM Lea County
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)
Pit Location: UL P Sect 8 Twp 20-S Rng 37-E Pit type Steel Depth to Groundwater ____ Distance from nearest fresh water well Over 100'
Distance from nearest surface water ____ Below-grade Tank Location UL ____ Sect ____ Twp ____ Rng ____ ;
990 feet from the South line and 515 feet from the East line (Steel Tank)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☑	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER:			☐	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.

1. Notify OCD 24 hrs prior to MI and RU.
2. RIH Tag PBTD@5455' and spot 25sx of cement from 5455'-5255'.
3. Displace hole w/MLF, 9.5# Brine w/12.5# gel PVBL.
4. RIH and set CIBP@4500'. Perf and squeeze 50sx cement plug from 4500'-4300' (isolation of bad casing)
5. Perf and squeeze 50sx cement plug from 3800'-3600' (WOC&TAG)(B.Andres).
6. Perf and squeeze 60sx cement plug from 2500'-2250' (WOC&TAG)(B-Salt).
7. Perf and squeeze 70sx cement plug from 1279'-1000' (WOC&TAG)(T-Salt/shoe)
8. Perf and squeeze 110sx cement plug from 400'-surface' (WOC&TAG)(Ft.Wr./surface)
9. Install dry hole marker.

The Oil Conservation Division **Must be notified 24 hours prior** to the beginning of plugging operations

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 M. Lee Roark TITLE Agent for Chevron USA, Inc. DATE 4-12-2010

Type or print name M. Lee Roark E-mail address: Telephone No. 432-631-860

(This space for State use)

APPPROVED BY [signature] TITLE STAFF MGR DATE 4-12-10

Conditions of approval, if any:

RECEIVED

APR 28 2010

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Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr , Hobbs, NM 88240
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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

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

30-025-33236

Form C-103
March 4, 2004

WELL API NO. 30-025-33260

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No.

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)

7. Lease Name or Unit Agreement Name: Theodore Andreson

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number: 10

2. Name of Operator: Chevron USA, Inc.

9. OGRID Number: 4323

3. Address of Operator: #15 Smith Rd., Midland, Tx 79705

10. Pool name or Wildcat: Monument ~~Weir~~; Blineberry

4. Well Location

Unit Letter P : 990 feet from the South line and 515 feet from the East line

Section 8 Township 20-S Range 37-E NMPM Lea County

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

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL P Sect 8 Twp 20S Rng 37E Pit type Steel Depth to Groundwater ____ Distance from nearest fresh water well Over 1000'

Distance from nearest surface water ____ Below-grade Tank Location UL ____ Sect ____ Twp ____ Rng ____ ;

990 feet from the South line and 515 feet from the East line

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☑
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER			☐	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.

1 Notified OCD 24 hrs prior to MIRU to P & A equipment 4/15/10
2 M&P 25sx Class C Cmt@5450' 4/19/10 Tag Toc@5150' 4/20/10
3 Circ MLF
4 Set 5 1/2 CIBP@4500' 4/20/10
5 Perf@4498', No Squeeze M&P 25sx Class C Cmt@4498' 4/20/10 Tag Toc@4245' 4/21/10
6 Perf@3800', No Squeeze M&P 35sx Class C Cmt@3850' Tag Toc@3518' 4/21/10
7 Perf@2500' No Squeeze M&P 40sx Class C Cmt@2550' 4/21/10 Tag Toc@2188' 4/22/10
8 Perf@1275' No Squeeze M&P 40sx Class C Cmt Tag Toc@951' 4/22/10
9 Perf@400' Circ 105sx Class C Cmt, Down 5 1/2 Csg out@Perfs & up 5 1/2x8 5/8 ANN to Surface 4/22/10 Tag@Surface 4/23/10
10 Install Dry Hole Marker 4/23/10

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

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 _____ TITLE MANAGER DATE 4-26-10

Type or print name Jimmy Bagley E-mail address: sunsetwellservice@yahoo.com Telephone No. 432-561-8600

(This space for State use)

APPPROVED BY _____ TITLE STAFF MGR DATE 4-29-10

Conditions of approval, if any:

RECEIVED

JUN 02 2010

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Submit One Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W Grand Ave., Artesia, NM 88210
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
May 21, 2010

WELL API NO. 30-025-33236 ✓

5. Indicate Type of Lease STATE ☒ FEE ☐ ✓

6. State Oil & Gas Lease No.

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: X Oil Well ☐ Gas Well Other ✓

7. Lease Name or Unit Agreement Name
Theodore Anderson ✓

8. Well Number 10 ✓

2. Name of Operator
Chevron Midcontinent, L.P. ✓

9. OGRID Number
4323 ✓

3. Address of Operator
15 Smith Rd, Midland, TX 79705

10. Pool name or Wildcat
Monument, Blindbry ✓

4. Well Location ?
Unit Letter N : 990 feet from the SOUTH line and 515 feet from the East line ✓
Section 8 Township 20-S Range 37-E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
CL 3591

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			☒ **Location is ready for OCD inspection after P&A**			

☒ All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
☒ Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
☒ A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. All INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.

☒ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
☒ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
☒ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
☒ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
☒ All other environmental concerns have been addressed as per OCD rules.
☒ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Larry Williams TITLE Production Team Leader DATE 05-21-2010

TYPE OR PRINT NAME Larry Williams E-MAIL: lcwl@chevron.com PHONE: 575-394-1247

For State Use Only

APPROVED BY: Mark Whitaker TITLE Compliance Officer DATE 06/07/2010

Conditions of Approval (if any):

Exhibit 4

Mike Stewart

From: Bielenda, Robert F. <RBUZ@chevron.com>
Sent: Thursday, November 10, 2016 3:16 PM
To: Mike Stewart
Cc: Schnare, Andrea M (Andrea.Schnare)
Subject: RE: Chevron USA - Theodore Anderson #10 API No 30-025-33236
Attachments: T Anderson #10 5.5 inch Casing and Cementing Detail.pdf

Importance: High

Mike,

Good reason cementing numbers didn't jive – it looks like our reg specialist put the surface cementing details in for the 5 ½" casing job. I just got the drilling notebook from when the well was drilled in 1996 and the 5 ½" was actually cemented in 2 stages with a lot more cement than was shown in the C-103 regulatory submittal. I have attached the detail sheet documenting the casing set point and cementing operation which shows the second stage cement job did circulate to surface which also explains why our wasted perf shots could not be injected into except for the minimal cement fallback zone at surface. I think if you provide a copy of this to the OCD, you won't need to re-enter the well to drill out the plugs and try plugging again to proper standards.

Hope it helps – you owe me a brew.

Thx,
Bob

From: Mike Stewart [mailto:MStewart@helmsoil.com]
Sent: Tuesday, November 08, 2016 8:02 AM
To: Bielenda, Robert F.
Subject: [**EXTERNAL**] Chevron USA - Theodore Anderson #10 API No 30-025-33236

Bob,
Appreciate the time you took looking for the 5-1/2" cementing data on the referenced well.

Chevron reported on the NMOCD Form C-103 that they cemented the 5-1/2" casing in the T. Anderson #10 from 6,950' (TD) to surface with only 460 sx Class "C" cement. Class "C" cement typically has a yield of 1.32 - 1.34 cuft per sx of cement. Therefore 460 sx of cement would yield 607 - 616 cuft of volume. Even if you assumed a very optimistic yield of 1.85 cuft / sx then the 460 sx would yield 851 cuft.

The OH caliper volumes from the GR-DDL/MSFL log shows the following AHV's:

Cuft AHV	Associated Depth
600	4,350' FS
700	3,918' FS
800	3,560' FS
1,600	2,246' FS – Top Interval logged. Salts above 2,300'.
	8-5/8" shoe @ 1,123'

Based on the OH caliper log it would have probably taken well over 2,500 cuft to circulate cement to surface.

In addition when Chevron P&A'd the well they were unable to pump into sqz holes @ 4,498', 3,800', 2,500' & 1,275'. They were able to pump into and circulate the 8-5/8" x 5-1/2" through sqz holes @ 400'.

Chevron reported the following on the offsetting Theodore Anderson #5 which was spud in 10/1995:

5-1/2" @ 6,800'
DV Tool @ 3,680'
1st Stg cemented w/ 500 sx. TOC @ DV tool per CBL
2nd Stg cemented w/ 2,100 sx. TOC @ Surface

Based on the above I am wondering if the cement volumes reported on the T. Anderson #10 might be incorrect and possibly lack a significant volume of lead cement that might have been pumped ahead of the recorded 460 sx of "tail" cement or that a DV tool might have been run but not reported on the C-103.

Any information you can provide would be greatly appreciated.

Thanks,

Michael Stewart
President - Member

HeLMS Oil & Gas, LLC
P.O. Box 52808, Midland, TX, 79710
Permian Building
1509 W. Wall Street, Suite 201, Midland TX, 79701
(432) 682-1122 Office
(432) 682-1166 Fax
(432) 638-9009 Cell
Email : mstewart@helmsoil.com

Exhibit 5

Chevron

Casing/Liner Landing Details

Version 1

Qnty	Description	Size (O.D.)	Weight	Grade	Threads	Length	Ref#
1	GUIDE SHOE	5 1/2	15.5		LTC	1.18	
2	CASING	5 1/2	15.50	K-55	LTC	91.04	
1	FLOAT SHOE	5 1/2	15.50	K-55	LTC	0.97	
66	CASING	5 1/2	15.50	K-55	LTC	2954	
1	STAGE TOOL	5 1/2	15.50	K-55	LTC	2.2	
88	CASING	5 1/2	15.50	K-55	LTC	3925	
Liner Hanger (If Applicable):							
Total Pipe Installed:						6974.1	
Less Cutoff Piece(s) and Landing Joints:						35.9	
DP To Land Liner (If Applicable) TOL @:							
Plus KBE (One Ft. Above Rotary to Last CHF):						11.8	
Casing Set @: 6950 TVD 6950 MD					Total:	6950	

Last Casing Size: 8 5/8 " @ 1123 M Hole Size: 7 7/8 " @ 6950 MD

Hole Volume From Caliper Log: 780 BBLS

Mud Properties Prior To Cementing: WT: 10 Type: BRINE

FV: 29	PV:	YP:	Gels: /	WL:
HTHP WL:	Solids:	% Oil:	Sands:	pH: 10
AKL:	CL:	CA:	XLime:	Elec Stab:

Casing Reciprocation?: NO — Length Of Strokes: Ft — Time: Hrs

Casing Rotated?: NO — Time Casing Moved After Bumping Plug: Hrs

Number Of Centralizers/Wipers: 19 / 74 — Type: BOWS / AGATATERS

Spacing: 11ST JT, 1 2ND, 1 EVERY 4TH JT, 1 AT SURF SHOE, 1 BELOW SURF.

CEMENTING DETAILS

Cement Company: BJ SERVICES — Yard Location: HOBBS AMERICA

First Stage — Circulation Time & Rate Prior To Cementing: 1.5 Hrs @ 8 BPM — Returns (Full/Partial): FULL

Cement	Type	No. Sacks	Pump Time Time @ Temp	Yield Cu. Ft./Sx	Weight Est.	Weight Actual	Mix Water Gal./Sx	Comp. Strength PSI @ Hrs	WL cc	Free Water%
Lead	CLASS "C"	160	Hrs. @ 3.2 110	2.75	12.06	12	16.1			
Tail	CLASS "C"	300	Hrs. @ 3 110	1.39	14.84	14.3	6.46			

Lead Cement Additives: 16% GEL + 4 PPS SALT + 3/10% CD-32 + 3/10% SM + 4/10% FL52 + 12 PPS GILSONITE — Additives Liquid/Blended: /

Tail Cement Additives: 3 PPS SALT + 1.1 FL62 + 2% BA90 BONDING + 3/10% CD-32 + 2/10 SM + 12 PPS GILSONI — Additives Liquid/Blended: /

Spacer Type: FW — Volume: 20 — Weight: 8.4 — PV: — YP: — Compatibility Test Run?: YES

Cement Displacement Rate: 8 BPM — Displaced With (Cemented Unit/Pump): CMT UNIT — Estimated TOC: 3900

Cement Returns? Yes ☐ No ☒ — Early Returns? Yes ☐ No ☒ — Est. Sacks Circulated: 0 — Number of Plugs Used: 1 — Plug Bumped? Yes ☒ No ☐

Second Stage — DV Tool Located @: 3901 MD — Circulation Time & Rate Prior To Cementing: 6 Hrs. @ BPM — Returns (Full/Partial): FULL

Cement	Type	No. Sacks	Pump Time Time @ Temp	Yield Cu. Ft./Sx	Weight Est.	Weight Actual	Mix Water Gal./Sx	Comp. Strength PSI @ Hrs	WL cc	Free Water%
Lead	CLASS "C"	1320	Hrs. @	2.75	12.06	12.0	16.1			
Tail	CLASS "C"	100	Hrs. @ 1.4 95	1.32	14.84	14.8	6.31			

Lead Cement Additives: SAME AS 1ST STAGE — Additives Liquid/Blended: /

Tail Cement Additives: 2 % CACL — Additives Liquid/Blended: /

Spacer Type: FW — Volume: 20 — Weight: 8.40 — PV: — YP: — Compatibility Test Run?: YES

Cement Displacement Rate: 8 BPM — Displaced With (Cemented Unit/Pump): CMT UNIT — Estimated TOC: SURFACE

Cement Returns? Yes ☒ No ☐ — Early Returns? Yes ☐ No ☒ — Est. Sacks Circulated: 115 — Number of Plugs Used: 1 — Plug Bumped? Yes ☒ No ☐

Remarks:

PLUG BUMPED ON 1 ST. STAGE AT 14:45 MST. OPEN STAGE TOOL. TOOK 15 BBLS. TO GAIN CIRCULATION. NO EXCESS CEMENT

CIRCULATED OUT ON 1 ST. STAGE. PUMPED 2 ND. STAGE WITH FULL RETURNS.

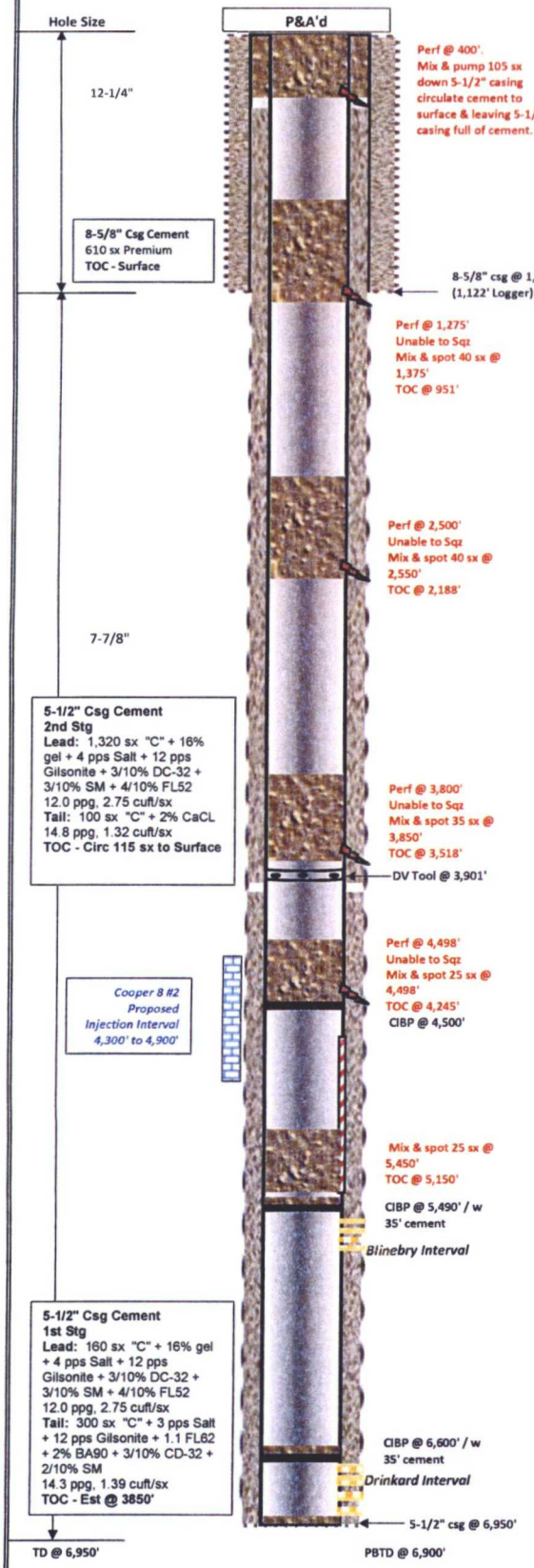
Drilling Representative:	Field:	Lease:	Well Number:	AFE No:	Date:
RICHARD LOGAN	WEIR	T. ANDERSON	10	MGN6DEAD	02/10/96

Exhibit 6

Chevron U.S.A Inc
Wellbore History

WELL NAME:	Theodore Anderson #10			FIELD:	Wier - Blinebry		
LOCATION:	990' FSL & 515' FEL, Unit P, Section 8, T20S, R37E			COUNTY:	Lea	STATE:	NM
ELEVATION:	GL: 3,535' (KB -11.8') KB: 3,545.8'			SPUD DATE:	1/22/1996	COMP DATE:	3/31/1996
API#	30-025-33236			PREPARED BY:	M. Stewart	11/16/2016	

	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CEMENT / TOC
CASING:	1,150'	12-1/4"	8-5/8"	24#	WC-50	ST&C	460 sx Class "C" / Circ to Surface
CASING:	6,950'	7-7/8"	5-1/2"	15.5 #	K-55	LT&C	1st Stg: 160 sx lead + 300 sx tail. DV Tool @ 3,901'. 2nd Stg: 1,320 sx lead + 100 sx tail. TOC Circ to Surface
TUBING:							



4/15/10
P&A
Mix & spot 25 sx plug @ 5,450'. Tag TOC @ 5,150'. Circ mud
Set 5-1/2" CIBP @ 4,500'
Perf Sqz holes @ 4,498', unable to PI to sqz holes. Mix @ spot 25 sx plug @ 4,498'. Tag TOC @ 4,245'.
Perf Sqz holes @ 3,800', unable to PI to sqz holes. Mix @ spot 35 sx plug @ 3,850'. Tag TOC @ 3,518'.
Perf Sqz holes @ 2,500', unable to PI to sqz holes. Mix @ spot 40 sx plug @ 2,550'. Tag TOC @ 2,188'.
Perf Sqz holes @ 1,275', unable to PI to sqz holes. Mix @ spot 40 sx plug @ 1,325'. Tag TOC @ 951'.
Perf Sqz holes @ 400' & circ to surface up 8-5/8" x 5-1/2" annulus. Mix & pump 105 sx from surface circulating cement to surface out 8-5/8" x 5-1/2" annulus & filling 5-1/2" casing to surface. Tag TOC @ surface.
Cut off WH and install dry hole marker.

12/22/09
TA
Set CIBP @ 5,490' w/ 35' cement. Casing above CIBP cap did not test. Locate HIC from 4,560' to 5,252'. Casing tested good from 4,493' to surface to 550# w/ chart for 30 mins. TA denied.

2/96
Drinkard
Perf 6,639-45', 6,738-46', 6,780-86' w/ 2 SPF
Acidize Perfs 6,639-6,786' w/ 5,000 gals 15% NEFE.
Perf 6,728-36'w/ 2 SPF
Acidize Perfs 6,639-6,786' w/ 2,800 gals 15% NEFE.

3/96
Perf 6,855'w/ 4 SPF
Acidize Perfs 6,855' w/ 300 gals 15% NEFE.
Sqz Perfs 6,639 - 6,855' w/ 225 sx.
Re-Perf 6,728-36'w/ 2 SPF
Acidize Perfs 6,728-36' w/ 300 gals spot 15% HCL + 600 gals 15% HCL.
Re-Perf 6,728-36' w/ 2 SPF 23 gram lined charges
Re-Acidize Perfs 6,639-6,786' w/ 750 gals 15% HCL.
Set CIBP @ 6,600' & cap w/ 35' cement. PBTD @ 6,565'.
Blinebry
Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire
Unable to pump into perfs
Perfs 5,674-94' w/ 2 SPF
Acidize Perfs 5,674-5,694' w/ 2,000 gals 15% NEFE.
Potentialed well flowing 396 BOPD, 481 MCFPD, 0 BWPD on 12/64" ck, FTP=350#, CP=Pkr. Overall Interval 5,540' - 5,694'.

8/13/97
Installed 320-D BPU

2/15/08
Perfs 5,600-20' w/ 4 SPF.
Add Perfs 5,600-20' w/ 4 SPF. Acidize Perfs 5,540 - 5,694' w/ 2,100 gals 15% HCL.
Frac Perfs 5,540 - 5,694' w/ 49,000 gals YF 125 Gelled FW carrying 86,000# 16/30

Formation Tops / Depths

Rustler - 1,080'
B. Salt - 2,300'
Yates - 2,445'
Queen - 3,083'
Grayburg - 3,469'
San Andres - 3,714'
Lwr San Andres - 4,285'
Glorieta - 5,109'
Paddock - 5,185'
Blinebry - 5,574'
Tubb - 6,293'
Drinkard - 6,556'

Chevron U.S.A Inc
Wellbore History

WELL NAME:	Theodore Anderson #10				FIELD:	Wier - Blinebry		
LOCATION:	990' FSL & 515' FEL, Unit P, Section 8, T20S, R37E				COUNTY:	Lea	STATE:	NM
ELEVATION:	GL: 3,535' (KB -11.8') KB: 3,545.8'				SPUD DATE:	1/22/1996	COMP DATE:	3/31/1996
API#	30-025-33236				PREPARED BY:	M. Stewart	11/16/2016	
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CEMENT / TOC	
CASING:	1,150'	12-1/4"	8-5/8"	24#	WC-50	ST&C	460 sx Class "C" / Circ to Surface	
CASING:	6,950'	7-7/8"	5-1/2"	15.5 #	K-55	LT&C	1st Stg: 160 sx lead + 300 sx tail. DV Tool @ 3,901'. 2nd Stg: 1,320 sx lead + 100 sx tail. TOC Circ to Surface	
TUBING:								

Original Completion

Date	Pay Zone	Field Name	Interval	Potential	Operational Summary
Feb-96	Drinkard		Perf 6,639-45', 6,738-46', 6,780-86' w/ 2 SPF		Acidize Perfs 6,639-6,786' w/ 5,000 gals 15% NEFE.
Feb-96	Drinkard		Perf 6,728-36'w/ 2 SPF		Acidize Perfs 6,639-6,786' w/ 2,800 gals 15% NEFE.
Mar-96	Drinkard		Perf 6,855'w/ 4 SPF		Acidize Perfs 6,855' w/ 300 gals 15% NEFE.
Mar-96	Drinkard		**Sqz Perfs** 6,639 - 6,855'		**Sqz Perfs 6,639 - 6,855' w/ 225 sx.**
Mar-96	Drinkard		Re-Perf 6,728-36'w/ 2 SPF		Acidize Perfs 6,728-36' w/ 300 gals spot 15% HCL + 600 gals 15% HCL.
Mar-96	Drinkard		Re-Perf 6,728-36'w/ 2 SPF 23 gram lined charges		Re-Acidize Perfs 6,639-6,786' w/ 750 gals 15% HCL.
Mar-96	Drinkard		**CIBP @ 6,600'**		**Set CIBP @ 6,600' & cap w/ 35' cement. PBTD @ 6,565'.**
Mar-96	Blinebry	Weir-Blinebry	Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire		Unable to pump into perfs.
Mar-96	Blinebry	Weir-Blinebry	Perfs 5,674-94' w/ 2 SPF	IPf 3/31/96 @ 396 BOPD, 481 MCFPD, 0 BWPD, 12/64 ck. FTP = 350#, CP=Pkr	Acidize Perfs 5,674-5,694' w/ 2,000 gals 15% NEFE. Potentialed well flowing 396 BOPD, 481 MCFPD, 0 BWPD on 12/64" ck, FTP=350#, CP=Pkr. Overall Interval 5,540' - 5,694'.

Subsequent Operations

Description	Date	Pay Zone	Field Name	Prod Interval	Potential	Operational Summary
POP	8/13/1997	Blinebry	Weir-Blinebry	Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire. Perfs 5,674-94' w/ 2 SPF		Installed 320-D BPU
Frac	2/15/08 - 3/6/08	Blinebry	Weir-Blinebry	Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire. Perfs 5,600-20' w/ 4 SPF. Perfs 5,674-94' w/ 2 SPF		Add Perfs 5,600-20' w/ 4 SPF. Acidize Perfs 5,540 - 5,694' w/ 2,100 gals 15% HCL. Frac Perfs 5,540 - 5,694' w/ 49,000 gals YF 125 Gelled FW carrying 86,000# 16/30 Jordan Sand + 48,000# 16/30 Resin Coated Sand down 3-1/2" WS. Clean out WB to 6,565'. POP & RTP.
TA	12/22/09 - 1/6/10	Blinebry	Weir-Blinebry	Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire. Perfs 5,600-20' w/ 4 SPF. Perfs 5,674-94' w/ 2 SPF		Set CIBP @ 5,490' w/ 35' cement. Casing above CIBP cap did not test. Locate HIC from 4,560' to 5,252'. Casing tested good from 4,493' to surface to 550# w/ chart for 30 mins. TA denied.
P&A	4/15/10 - 4/23/10	Blinebry	Weir-Blinebry	Perfs 5,540, 5,542', 5,558', 5,693' & 5,695' w/ 1 SPF Selectfire. Perfs 5,600-20' w/ 4 SPF. Perfs 5,674-94' w/ 2 SPF		Mix & spot 25 sx plug @ 5,450'. Tag TOC @ 5,150'. Circ mud. Set 5-1/2" CIBP @ 4,500'. Perf Sqz holes @ 4,498', unable to PI to sqz holes. Mix @ spot 25 sx plug @ 4,498'. Tag TOC @ 4,245'. Perf Sqz holes @ 3,800', unable to PI to sqz holes. Mix @ spot 35 sx plug @ 3,850'. Tag TOC @ 3,518'. Perf Sqz holes @ 2,500', unable to PI to sqz holes. Mix @ spot 40 sx plug @ 2,550'. Tag TOC @ 2,188'. Perf Sqz holes @ 1,275', unable to PI to sqz holes. Mix @ spot 40 sx plug @ 1,325'. Tag TOC @ 951'. Perf Sqz holes @ 400' & circ to surface up 8-5/8" x 5-1/2" annulus. Mix & pump 105 sx from surface circulating cement to surface out 8-5/8" x 5-1/2" annulus & filling 5-1/2" casing to surface. Tag TOC @ surface. Cut off WH and install dry hole marker.

Exhibit 7