

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify Amend PLC 393 to include Brininstool 24 Fed #2H

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Cindy Herrera-Murillo

Print or Type Name

*Cindy Herrera-Murillo*  
Signature

Permitting Specialist

Title

08/20/2014

Date

Cherreramurillo@chevron.com

e-mail Address

- PLC - 393-A  
REC'D  
4323  
wells  
- Limestone 1123'33  
Fed env 1H  
30-025-41360  
- Brininstool 233333  
USA 1H  
30-025-41330  
- Brininstool 233333  
2H  
30-025-41331  
- Brininstool  
253333 2H  
30-025-41627  
- Brininstool 24  
2333  
30-025-41935  
Pools  
- Brininstool  
Bonne Springs  
7320  
- Triple X, Bonne  
Springs  
5150  
S 4900



**Cindy Herrera-Murillo**  
Regulatory Specialist  
Midcontinent BU

**Chevron North America  
Exploration and Production  
Company**  
1616 W. Bender Blvd Rm #121  
Hobbs FMT, Hobbs, NM 88240  
Tel 575-263-0431  
Fax 575-263-0445  
cherreramurillo@chevron.com

August 20, 2014

**Bureau of Land Management  
New Mexico State Office  
620 E. Greene St.  
Carlsbad NM 88220**

**Application for Amending Surface Commingle, Bone Spring Pool, Lea County, NM (T23S,-R33E, Section 11, 23 & 25) and adding Section 24**

Dear Sirs:

Chevron U.S.A. Inc. respectfully requests administrative approval to surface commingle oil, gas and water production from the Bone Spring pool through Chevron's Brininstool Battery. Chevron request the approval to minimize surface disturbance and future traffic by concentrating activities at on battery. Wells producing to this battery include the Chevron Brininstool 23 23 33 #1H; Brininstool 23 23 33 #2H, Brininstool 25 23 33 #2H and Limestone 11 23 33 Federal #1. **Chevron is requesting to add the Brininstool 24 23 33 #2H** to existing Surface Commingle order PLC-393. All wells are completed within the Second Bone Spring sand formation, per attached map. These wells are located in Section 11, 23 & 25 and adding Section 24, T23S-R33E, Lea County, New Mexico.

The working interest and royalties are the same for all 4 leases involved in this request. (100 Chevron). All wells are allocated by monthly well test with coriolis on oil and EFM on gas. A schematic showing this configuration is attached.

Sincerely,

Cindy Herrera-Murillo  
Regulatory Specialist  
Enclosure

## APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY

Chevron Corporation


Federal lease	lease description	WI/NRI	lease	Royalty Interest
NMNM114985	Limestone #1H	100%/87.5%	Federal	12.5%
NMNM112940	Brininstool 23#2H	100%/87.5%	Federal	12.5%
NMNM114986	Brininstool 23#1H	100%/87.5%	Federal	12.5%
NMNM114986	Brininstool 25 #2H	100%/ 87.5%	Federal	12.5%
NMNM1 14986	Brininstool 24 #2H	100%/87.5%	Federal	12.5%



Chevron is the only working interest for each lease.

A list of all interest owner addresses is below:

Chevron USA Inc P.O. Box 4791 Houston/ TX 77210-4791	Bureau of Land Management New Mexico State Office PO Box 27115 Santa Fe/ NM 87502-0115
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Cody Cole  
Land Representative

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM114986

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.

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

8. Well Name and No.  
BRININSTOOL 24 23 33 2H

2. Name of Operator  
CHEVRON USA INC

Contact: CINDY H MURILLO  
E-Mail: CERRERAMURILLO@CHEVRON.COM

9. API Well No.  
30-025-41935

3a. Address  
1616 W. BENDER BLVD  
HOBBS, NM 88240

3b. Phone No. (include area code)  
Ph: 575-263-0431  
Fx: 575-263-0445

10. Field and Pool, or Exploratory  
BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T23S R33E Mer NMP 150FNL 1980FWL

11. County or Parish, and State

LEA COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CHEVRON USA INC requests approval to Add the above well to the existing Surface Commingle Order. The Surface Commingle oil, gas and water production from the Bone Spring pool through Chevron's Brininstool Battery. Wells producing in this battery include the Limestone 11 23 33 #1H, Brininstool 23 23 33 #1H, Brininstool 23 23 33 #2H, Brininstool 25 23 33 #2H. Chevron is requesting to add the Brininstool 24 23 33 #2H. These wells are all located in Section 11, 23, 24, & 25 of T23S, R33E in Lea County, New Mexico.

Limestone 11 23 33 #1H API# 30-025-41360 Lease # NMNM114985  
Brininstool 23 23 33 #1H API# 30-025-41330 Lease # NMNM114986  
Brininstool 23 23 33 #2H API# 30-025-41331 Lease # NMNM114986  
Brininstool 25 23 33 #2H API# 30-025-41627 Lease # NMNM112940  
Brininstool 24 23 33 #2H API# 30-025-41935 Lease # NMNM114986

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #257750 verified by the BLM Well Information System  
For CHEVRON USA INC, sent to the Hobbs**

Name (Printed/Typed) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 08/20/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: CHEVRON USA INC

OPERATOR ADDRESS: 1616 W. BENDER BLVD HOBBS, NM 88240

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC 393

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Pool Name and Code. BONE SPRING

(2) Is all production from same source of supply? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Cindy Herrera-Murillo

TITLE: PERMITTING SPECIALIST DATE: 08/20/2014

TYPE OR PRINT NAME CINDY HERRERA-MURILLO

TELEPHONE NO.: 575-263-0431

E-MAIL ADDRESS: Cherreramurillo@chevron.com

**Additional data for EC transaction #257750 that would not fit on the form**

**32. Additional remarks, continued**

Pleaes find attached surface commingle for the above wells and facility diagram and maps.

## APPLICATION FOR, COMMINGLING and OFF LEASE MEASUREMENT AT A COMMON CENTRAL TANK BATTERY

Proposal for Limestone 11-23-33 Federal #1H , Brininstool 23-23-33 Federal #1H, Brininstool 23-23-33 Federal #2H, and Brininstool 25-23-33 #2H:**Adding Brininstool 24 23 33 #2H**

Chevron USA Inc is requesting approval for the Central Tank Battery, Commingling, and Off lease sales of gas and oil:

**Federal Lease NMNM1114985**

Well Name	Location	API #	Pool 7320	Oil BOPD	Gravities	MCFPD	BTU
Limestone Fed #1H	Sec11, W2W2 T23SR33E	3002541360	Brininstool; Bone Spring	480	40.1	541	1294

**Federal Lease NMNM112940**

Well Name	Location	API #	Pool 59900	Oil BOPD	Gravities	MCFPD	BTU
Brininstool 25 Fed #2H	Sec25, E/2W/2 T23SR33E	3002541627	Triple-X; Bone Spring	480	40.1	541	1294

**Federal Lease NMNM114986**

Well Name	Location	API #	Pool 5150	Oil BOPD	Gravities	MCFPD	BTU
Brininstool 23 Fed #1H	Sec23, W/2E/2 T23SR33E	3002541330	Bell Lake; Bone Spring	480	40.1	541	1294

**Federal Lease NMNM114986**

Well Name	Location	API#	Pool 5150	Oil BOPD	Gravities	MCFPD	BTU
Brininstool 23Fed #2H	Sec 23 W/2E/2 T23SR33E	3002541331	Bell Lake; Bone Spring	480	40.1	541	1294

**Federal Lease NMNM114986**

Well Name	Location	API#	Pool 5150	Oil BOPD	Gravities	MCFPD	BTU
Brininstool 24 Fed #2H	Sec 24 W/2E/2 T23S R33E	3002541935	Bell Lake; Bone Spring	480	40.1	541	1294

Map shows the federal leases and well locations in Section 11,23,24 & 25-T23S-R33E.

The BLM's interest in these leases is the same. Lease NMNM114985 royalty rate is 12.5%, Lease NMNM112940 royalty rate is 12.5%, and Lease NMNM114986 royalty rate is 12.5 %.

**Oil & Gas metering:**

The central tank battery will be located at the Brininstool Federal . There are three oil tanks at the Central tank battery that the wells will utilize and oil will be sold through the central delivery point (CDP) Lease Automated Custody Transfer unit (S/N 11263551-A), which is located in the NENE, Sect 23 T23S, R33E. For gas they will have a common central delivery point (CDP) gas sales meter (Targa Gas #76880-00-444) which is located in the SWSE, Sec. 23 T23S, R33E. The produced water will go to a common water tank on location.

Each well will be tested monthly through a three –phase test separator located at the nearest facility to each well's wellhead. The Limestone 23 23 33 #1H will be tested at a dedicated production satellite. The Brininstool wells will be tested at the central battery. Each three phase test will measure oil through a coriolis meter on the oil outlet line and gas through an orifice meter run with a Total Flow computer.

Production will be allocated to each by monthly well test. Each well's share of the central tank battery's total production will be calculated based on the results of each monthly well test. This ratio will be applied to the total oil production metered by the Lease Automated Custody Transfer (LACT) meter located at the Brininstool central tank battery. The production will also be applied to the total gas production metered by the Targa Resources Corp sales meter.

Limestone 11 23 33 #1H oil allocation meter on the Limestone Production Satellite three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385561).

Brininstool 23 23 33 #1H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 23 23 33 #2H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 25 23 33 #2H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

Brininstool 24 23 33 #2H oil allocation meter on the Brininstool central tank battery three-phase test separator consists of a Micro Motion Coriolis meter (S/N 14385211).

These meters will be proven as per API, NMOCD, and BLM specifications when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes.

Gas production will be allocated on a daily basis based on the results of a monthly well test of each well.

Limestone 11 23 33 Federal #1H gas allocation meter on the Limestone Production Satellite three-phase test separator consists of a Tele Flow EFM (S/N T134246234).

Brininstool 23 23 33 Federal #1H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 23 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 25 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

Brininstool 24 23 33 Federal #2H gas allocation meter on the Brininstool central tank battery three-phase test separator consists of a Total Flow EFM (S/N T132022714).

These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

**Process and Flow Descriptions:**

The flow of production is shown in detail on the enclosed facility diagram and map which shows the lease boundaries, location of wells, location of flow lines, facility, and gas sales meter. The commingling of this production is the most effective economical means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

Chevron USA Inc understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.



A central tank battery is located on the Brininstool Federal #1H located in Sec. 23 W/2E/2, T23S-R33E, on federal lease NMNM114986 in Lea County, New Mexico. The production from the four wells will be routed to the Brininstool Federal tank battery. After separation and allocation measurement, the oil, gas, and water will go to common oil tanks, water tank, and gas CDP located in Section 23.

Limestone 11 23 33 #1H and Brininstool 25 23 33 #2H will require off lease measurement, storage and sales of oil and gas.

No working, royalty, and overriding interest owners will have to be notified. Chevron is the only working interest owner.

Signed: \_\_\_\_\_

Printed Name: Cindy Herrera-Murillo

Title: Regulatory Compliance Associate

Date: 08/19/2014

Federal Lease NMNM #	Royalty Rate	Well Name	BOPD	Royalty Rate 16/23 Oil Gravity (@60 deg)	Value/bbl	MCFPD	DRY BTU	Value/mcf
114985	12.5%	Limestone 11 23 33 1H	480	40.1	\$87.97	541	1294	\$2.46
112940	12.5%	Brininstool 25-23-33 2H	480	40.1	\$87.97	541	1294	\$2.46
114986	12.5%	Brininstool 23 23 33 1H	480	40.1	\$87.97	541	1294	\$2.46
114986	12.5%	Brininstool 23 23 33 2H	480	40.1	\$87.97	541	1294	\$2.46
114986	12.5%	Brininstool 24 23 33 2H	480	40.1	\$87.97	541	1294	\$2.46

Federal Lease NMNM	Economic combined production	Well Name	BOPD	Oil Gravity (@60 deg)	Value/bbl	MCFPD	DRY BTU	Value/mcf
114986		Brininstool Battery	1920	40.1	\$87.97	2164	1294	\$2.46

Chevron has a master sales agreement in place for all the Bone Spring wells in the area. All Bone Spring oil production in the area is sweet. Part of the agreement is that all oil is deemed as sweet and sold at a flat rate of 40 API gravity. Therefore, regardless of the API values of the individual wells, the common stream will be sold as if it was sweet and 40 API gravity.

Printed Name: Christina Davis

Date: 08/20/2014

Title: Reservoir Engineer

Limestone 11-23-33 Fed 1H  
 Sec 11, T-23S, R33E  
 150 FNL, 650 FWL  
 API: 30-025-41360

Lease Line: 11-23-33  
 NM3760021-000

Lease:  
 NM376022-000

Brininstool 23-23-33 Fed 1H  
 Sec 23, T-23S, R33E  
 149 FNL, 1568 FEL  
 API: 30-025-41330

Brininstool 23-23-33 Fed 2H  
 Sec 23, T-23S, R33E  
 150 FNL, 400 FEL  
 API: 30-025-41331  
 Brininstool 24-23-33 Fed 2H  
 Sec 23, T-23S, R33E  
 150 FNL, 1980 FWL  
 API: 30-025-41935

Lease  
 NM376022-000

Lease Line: 25-23-33  
 NM3760010-000

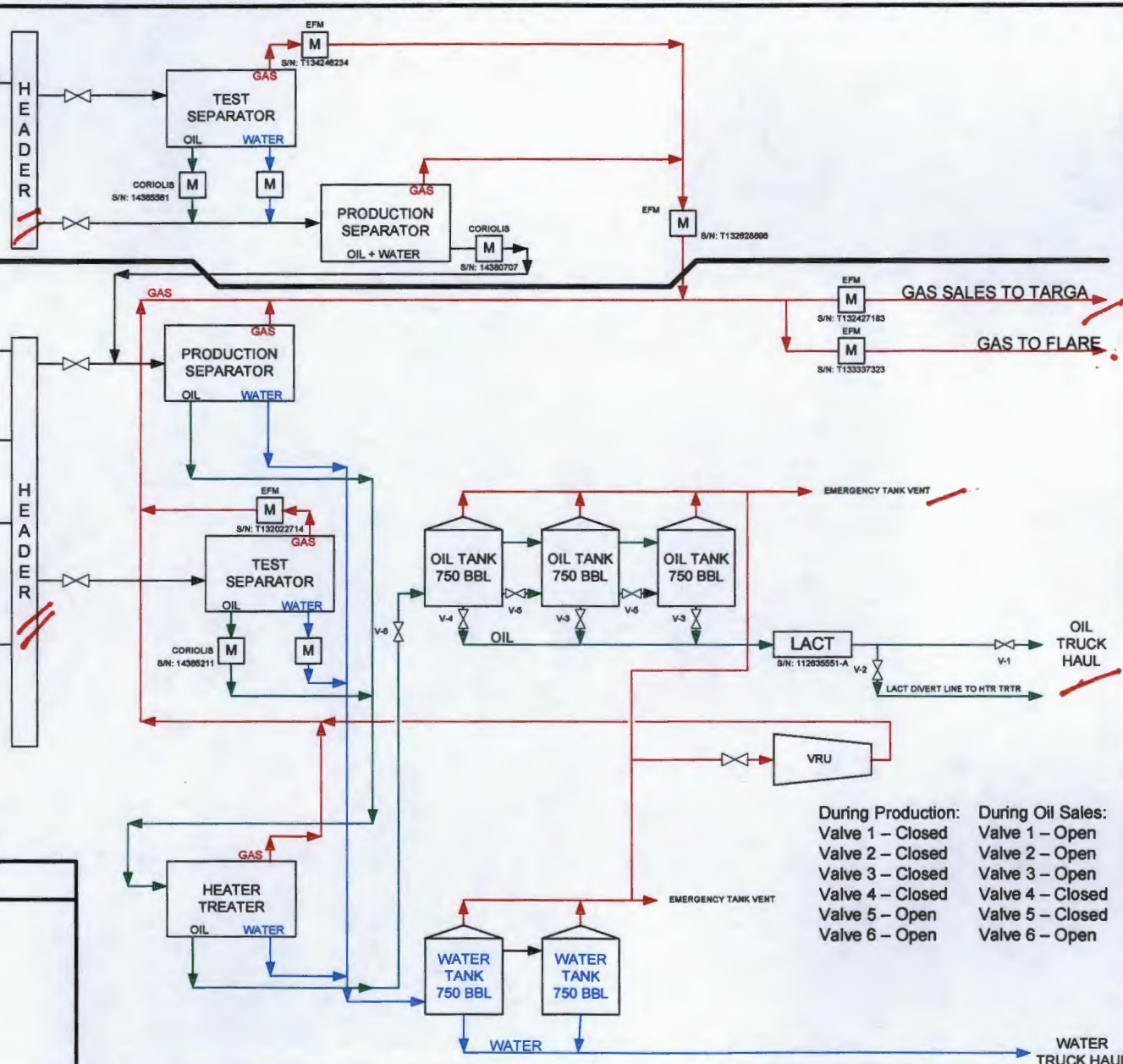
Brininstool 25-23-33 USA #2H  
 Sec 25, T-23S, R33E  
 50 FNL & 1980 FSL  
 API: 30-025-41627

Lease Line: 25-23-33  
 NM3760010-000

Lease Line: 23-23-33  
 NM376022-000

## CHEVRON USA

Brininstool Battery and Limestone Satellite  
 PROCESS FLOW DIAGRAM  
 Sec 024, T23S, R33E  
 Sec 023, T23S, R33E  
 Sec 025, T23S, R33E  
 Sec 011, T23S, R33E  
 Lea County, New Mexico  
 August 20, 2014





Project: Lea County NM (NAD27 NME)  
 Site: Brininstool 24-23-33 USA  
 Well: #2H  
 Wellbore: Wellbore #1  
 Design: Plan#1 021814  
 Rig: TBD



Azimuths to Grid North  
 True North: -0.43°  
 Magnetic North: 6.81°  
 Magnetic Field  
 Strength: 48365.5nT  
 Dip Angle: 60.19°  
 Date: 2/18/2014  
 Model: IGRF2010\_14

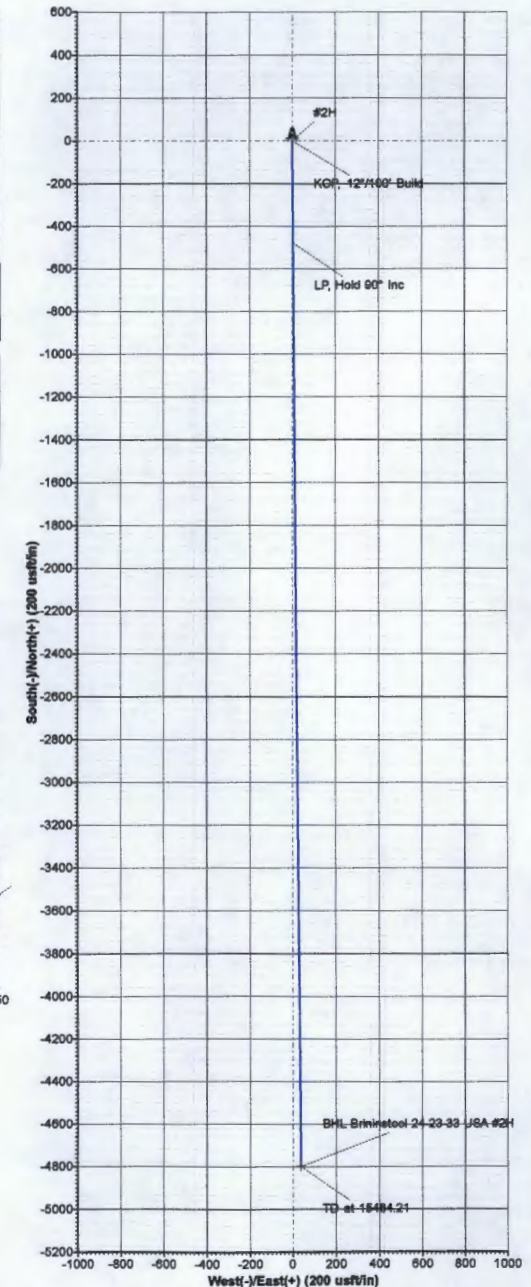
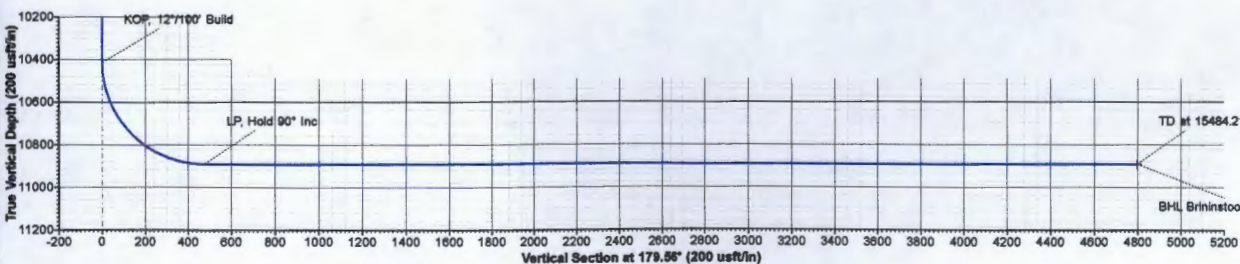
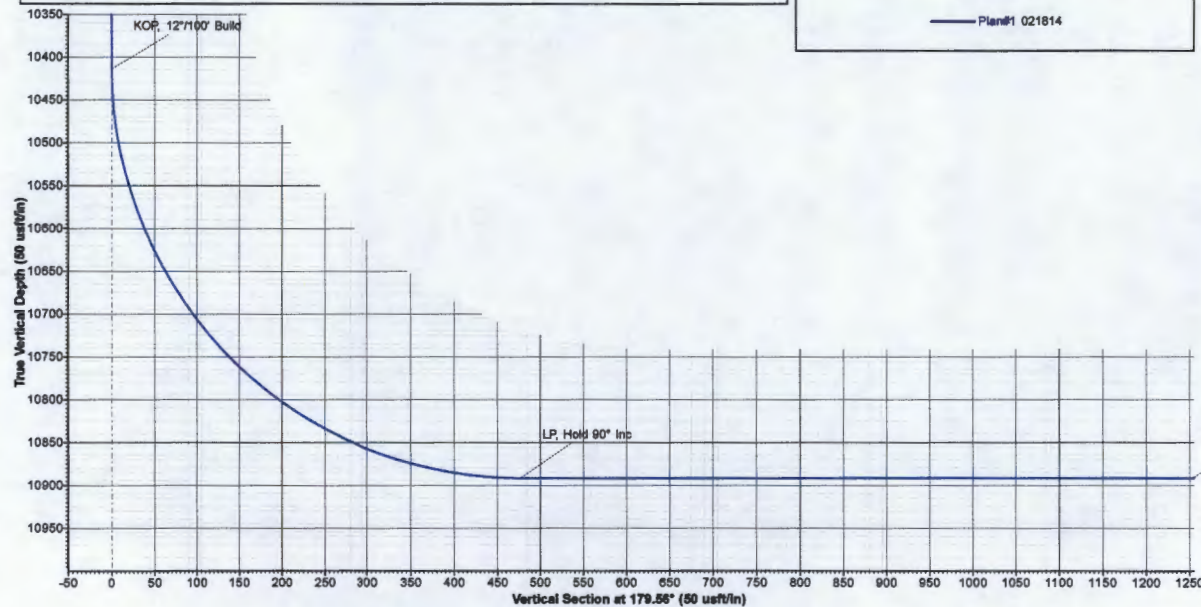
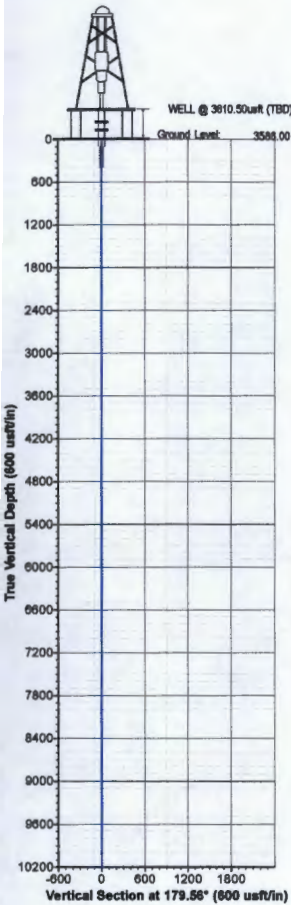
WELL DETAILS						
			Ground Level	3588.00	Latitude	Longitude
+N-S	+E-W	Northing	Easting			
0.00	0.00	472848.00	748930.00	32° 17' 48.67913 N	103° 31' 39.80904 W	

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	10413.54	0.00	0.00	10413.54	0.00	0.00	0.00	0.00	0.00	KOP, 12°/100' Build
3	11183.54	90.00	179.56	10891.00	-477.45	3.68	12.00	179.56	477.45	LP, Hold 90° Inc
4	15484.21	90.00	179.56	10891.00	-4798.00	37.00	0.00	0.00	4798.14	BHL Brininstool 24-23-33 USA #2H TD at 15484.21

DESIGN TARGET DETAILS						
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude Longitude Shape
BHL Brininstool 24-23-33 USA #2H	10891.00	-4798.00	37.00	467850.00	748967.00	32° 17' 1.19875 N 103° 31' 39.79788 W Point
- plan hits target center						

Map System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone Name: New Mexico East 3001  
 Local Origin: Well #2H, Grid North  
 Latitude: 32° 17' 48.67913 N  
 Longitude: 103° 31' 39.80904 W  
 Grid East: 748930.00  
 Grid North: 472848.00  
 Scale Factor: 1.000  
 Geomagnetic Model: IGRF2010\_14  
 Sample Date: 18-Feb-14  
 Magnetic Declination: 7.24°  
 Dip Angle from Horizontal: 60.19°  
 Magnetic Field Strength: 48395  
 To convert a Magnetic Direction to a Grid Direction, Add 6.81°  
 To convert a Magnetic Direction to a True Direction, Add 7.24° East  
 To convert a True Direction to a Grid Direction, Subtract 0.43°

**LEGEND**  
 — Plan#1 021814





# Exhibit A-1

12-Strickland  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-4101 Fax: (505) 393-4102  
13-Strickland  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-1284  
14-Strickland  
1480 Rio Brancos Road, Aztec, NM 87410  
Phone: (505) 324-6178 Fax: (505) 334-6170  
15-Strickland  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-2400 Fax: (505) 476-3462

HOBBS OCO

JUN 20 2014

RECEIVED

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-41935</b>	<sup>2</sup> Pool Code <b>5150</b>	<sup>3</sup> Pool Name <b>BELL LAKE, BONE SPRING, NORTH</b>
<sup>4</sup> Property Code <b>313385</b>	<sup>5</sup> Property Name <b>BRINSTOOL 24 23 33 USA</b>	
<sup>6</sup> OGRID No. <b>4325</b>	<sup>7</sup> Operator Name <b>CHEVRON U.S.A. INC.</b>	<sup>8</sup> Well Number <b>2H</b>
		<sup>9</sup> Elevation <b>3586'</b>

### " Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	23 SOUTH	33 EAST, N.M.P.M.		150'	NORTH	1980'	WEST	LEA

### " Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	24	23 SOUTH	33 EAST, N.M.P.M.		330'	SOUTH	1980'	WEST	LEA

<sup>10</sup> Dedicated Acres <b>160</b>	<sup>11</sup> Joint or Infill	<sup>12</sup> Consolidation Code	<sup>13</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>1980'</p> <p>150'</p> <p>Proposed Penetration Point</p> <p>330' FNL &amp; 1980' FWL</p> <p>S 00°26'19"E 4798.09'</p> <p>Project Area</p> <p>Producing Area</p> <p>1980'</p> <p>330'</p>	<p>BRINSTOOL 24 23 33 USA 2H</p> <p>X= 748,930 NAD 27</p> <p>Y= 472,648</p> <p>LAT. 32.296855</p> <p>LONG. 103.527724</p> <p>X= 790,114 NAD83</p> <p>Y= 472,707</p> <p>LAT. 32.296979</p> <p>LONG. 103.528204</p> <p>ELEVATION = 3586' NAD 86</p>	<p><b>" OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or as a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division.</p> <p><i>Denise Pinkerton</i> 02/24/2014</p> <p>Signature Date</p> <p>Denise Pinkerton</p> <p>Printed Name</p> <p>Lea.Kelso@chevron.com</p> <p>E-mail Address</p>
	<p><b>PROPOSED BOTTOM HOLE LOCATION</b></p> <p>X= 748,967 NAD 27</p> <p>Y= 467,850</p> <p>LAT. 32.283666</p> <p>LONG. 103.527722</p> <p>X= 790,150 NAD83</p> <p>Y= 467,909</p> <p>LAT. 32.283790</p> <p>LONG. 103.528202</p>	<p><b>"SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>7.9.13</p> <p>Date of Survey</p> <p><i>Wm. J. Daniel III</i></p> <p>Signature and Seal of Professional Surveyor</p> <p>Wm. J. DANIEL III</p> <p>NEW MEXICO</p> <p>15078</p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>Certificate Number</p> <p>#15078</p>

JUN 24 2014





