

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs **HOBBS OCD**

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

FEB 25 2014

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

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

3a. Address
15 SMITH ROAD
MIDLAND, TEXAS 79705

3b. Phone No. (include area code)
432-687-7375

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

8. Well Name and No.
BRININSTOOL 23 23 33 USA #2H

9. API Well No.
30-025-41331

10. Field and Pool or Exploratory Area
BELL LAKE, BONE SPR, NORTH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
150 FNL & 400 FEL, SECTION 23, T23S, R33E, SHL
330 FSL & 400 FEL, SECTION 23, T23S, R33E, BHL

11. County or Parish, State
LEA COUNTY, NM

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

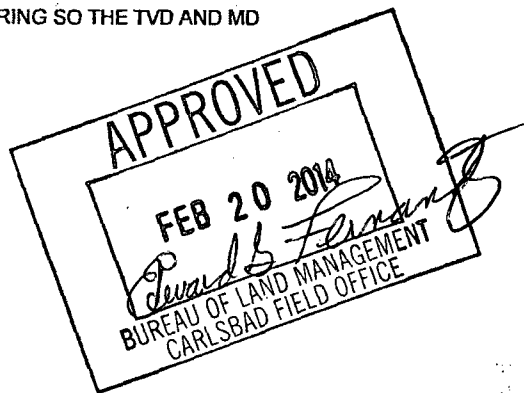
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other CORRECTED
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	DIRECTIONAL
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	SURVEY

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

PLEASE FIND ATTACHED, THE CORRECTED DIRECTIONAL DRILL SURVEY FOR THE SUBJECT WELL.

***PLEASE NOTE THAT WE ARE TARGETING THE LOWER PORTION OF THE 2ND BONE SPRING SO THE TVD AND MD DEPTHS ARE DEEPER THAN ORIGINALLY PERMITTED.

Original COA still Applies



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
DENISE PINKERTON

Frederick Verner

Title REGULATORY SPECIALIST

Project Manager

Signature

Date 02/12/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Fernandez

PETROLEUM ENGINEER

Title

Date

FEB 26 2014

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.

(Instructions on page 2)

FEB 26 2014

Chevron

Lea County NM (NAD27 NME)

Brininstool 23-23-33 USA

#2H

WB1/Job #1410267

Plan: Plan #1 02-12-14

Standard Survey Report

12 February, 2014

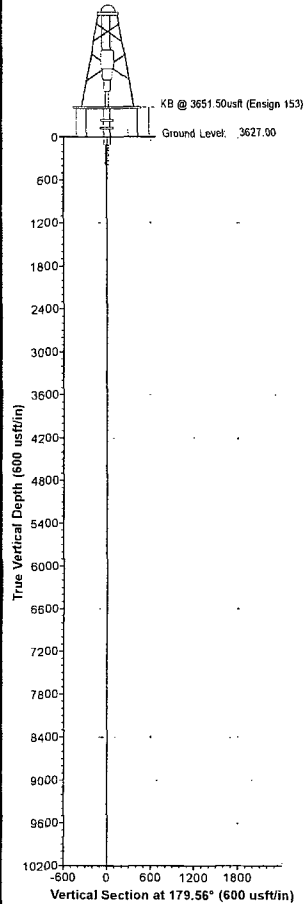
HOBBS OCD

FEB 25 2014

RECEIVED

Project: Lea County NM (NAD27 NME)
 Site: Brininstool 23-23-33 USA
 Well: #2H
 Wellbore: WB1/Job #1410
 Design: Plan #1 02-12-14
 Rig: Ensign 153

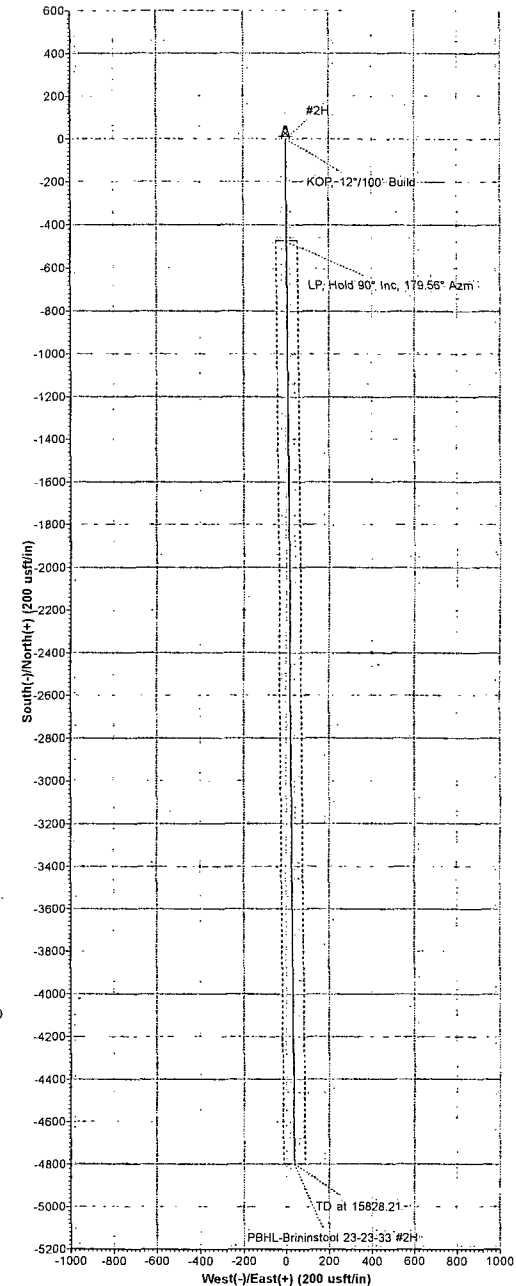
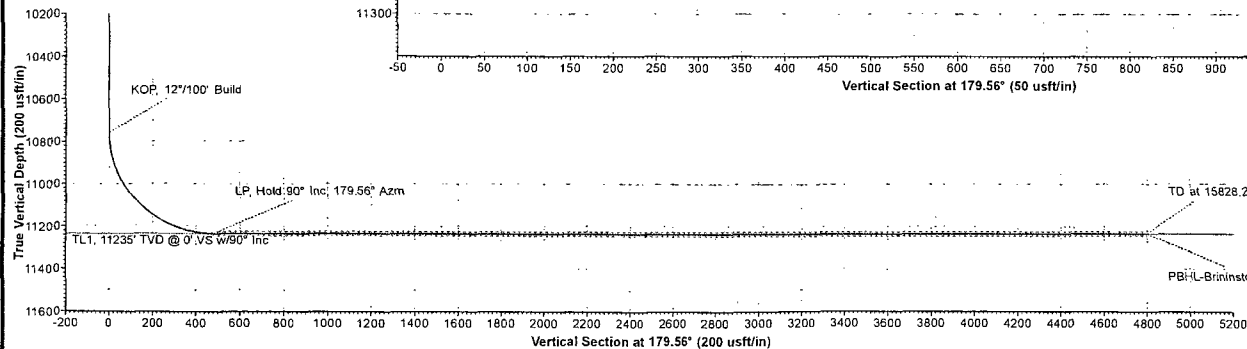
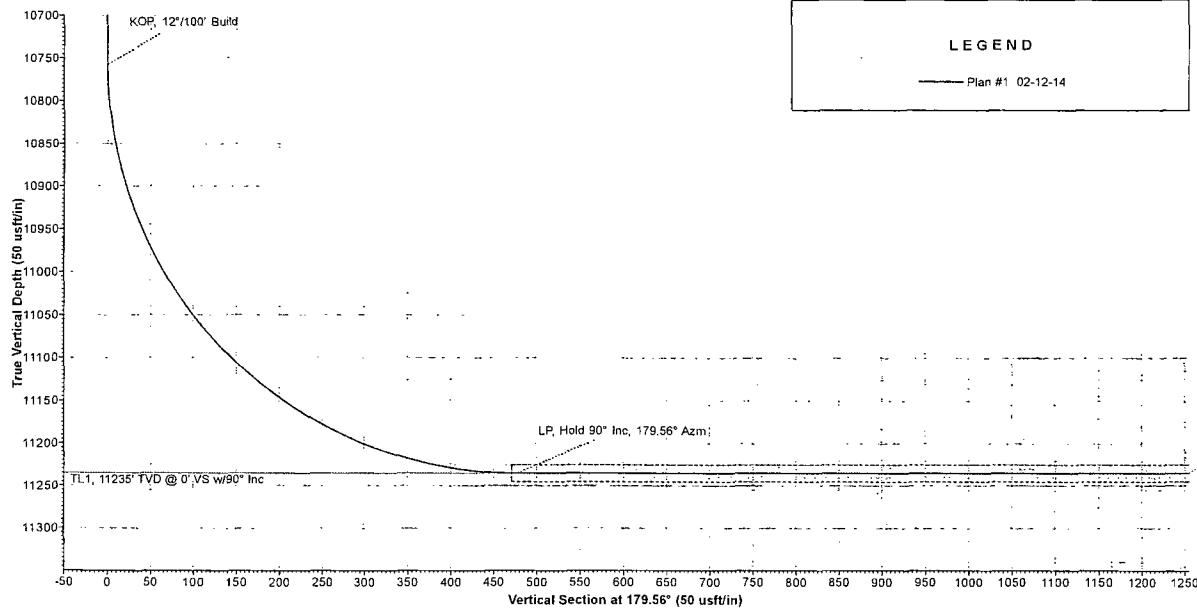
Azimuths to Grid North
 True North: -0.43°
 Magnetic North: 6.82°
 Magnetic Field
 Strength: 48396.0 nT
 Dip Angle: 60.19°
 Date: 02/12/2014
 Model: IGRF2010_14



WELL DETAILS											
	+N/-S	+E/-W	Nothing	Ground Level	3627.00						
	0.00	0.00	472635.00	Easting	746550.00	Latitude	32° 17' 48.72658 N	Longitude	103° 32' 7.53634 W		
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	10757.54	0.00	0.00	10757.54	0.00	0.00	0.00	0.00	0.00		KOP: 12°/100' Build
3	11507.54	90.00	179.56	11235.00	-477.45	3.68	12.00	179.56	477.45		LP: Hold 90° Inc, 179.56° Azm
4	15828.21	90.00	179.56	11235.00	-4798.00	37.00	0.00	0.00	4798.14	PBHL-Brininstool 23-23-33 #2H	TD at 15828.21
DESIGN TARGET DETAILS											
Name	TVD	+N/-S	+E/-W	Nothing	Easting	Latitude	Longitude	Shape			
PBHL-Brininstool 23-23-33 #2H	11235.00	-4798.00	37.00	467837.00	746587.00	32° 17' 1.24614 N	103° 32' 7.52116 W	Rectangle (Sides: L20.00 W100.00)	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' 48.72658 N
 Longitude: 103° 32' 7.53634 W
 Grid East: 746550.00
 Grid North: 472635.00
 Scale Factor: 1.000
 Geomagnetic Model: IGRF2010_14
 Sample Date: 12-Feb-14
 Magnetic Declination: 7.25°
 Dip Angle from Horizontal: 60.19°
 Magnetic Field Strength: 48396
 To convert a Magnetic Direction to a Grid Direction, Add 6.82°
 To convert a Magnetic Direction to a True Direction, Add 7.25° East
 To convert a True Direction to a Grid Direction, Subtract 0.43°

FORMATION TOP DETAILS					
TVDPath	MDPath	Formation	DipAngle	DipDir	
11235.00	11507.54	TL1, 11235' TVD @ 0° VS w90° Inc	0.00	179.56	
LEGEND					
Plan #1 02-12-14					



Phoenix Technology Services

Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well #2H
Project:	Lea County NM (NAD27 NME)	TVD Reference:	KB @ 3651.50usft (Ensign 153)
Site:	Brininstool 23-23-33 USA	MD Reference:	KB @ 3651.50usft (Ensign 153)
Well:	#2H	North Reference:	Grid
Wellbore:	WB1/Job #1410267	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 02-12-14	Database:	GCR DB

Project:	Lea County NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Brininstool 23-23-33 USA		
Site Position:		Northing:	472,629.00 usft
From:	Map	Easting:	744,970.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 17' 48.78318 N
		Longitude:	103° 32' 25.94334 W
		Grid Convergence:	0.42 °

Well:	#2H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 17' 48.72659 N
		Longitude:	103° 32' 7.53634 W
		Ground Level:	3,627.00 usft

Wellbore:	WB1/Job #1410267		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010_14	02/12/14	7.25
			Dip Angle
			(°)
			Field Strength
			(nT)
			48,396

Design:	Plan #1 02-12-14		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			179.56

Survey Tool/Program	Date 02/12/14		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
0.00	15,828.21	Plan #1 02-12-14 (WB1/Job #1410267)	MWD
			Description
			MWD - Standard

Planned Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10,757.54	0.00	0.00	10,757.54	0.00	0.00	0.00	0.00	0.00	0.00
KOP, 12°/100' Build									
10,800.00	5.10	179.56	10,799.94	-1.89	0.01	1.89	12.00	12.00	0.00
10,900.00	17.10	179.56	10,897.90	-21.10	0.16	21.10	12.00	12.00	0.00
11,000.00	29.10	179.56	10,989.71	-60.25	0.46	60.25	12.00	12.00	0.00
11,100.00	41.10	179.56	11,071.38	-117.64	0.91	117.64	12.00	12.00	0.00
11,200.00	53.10	179.56	11,139.34	-190.75	1.47	190.76	12.00	12.00	0.00
11,300.00	65.10	179.56	11,190.60	-276.39	2.13	276.40	12.00	12.00	0.00
11,400.00	77.10	179.56	11,222.94	-370.83	2.86	370.84	12.00	12.00	0.00
11,500.00	89.10	179.56	11,234.94	-469.92	3.62	469.93	12.00	12.00	0.00

Phoenix Technology Services

Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well #2H
Project:	Lea County NM (NAD27 NME)	TVD Reference:	KB @ 3651.50usft (Ensign 153)
Site:	Brininstool 23-23-33 USA	MD Reference:	KB @ 3651.50usft (Ensign 153)
Well:	#2H	North Reference:	Grid
Wellbore:	WB1/Job #1410267	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 02-12-14	Database:	GCR DB

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,507.54	90.00	179.56	11,235.00	-477.45	3.68	477.46	12.00	12.00	0.00	
LP, Hold 90° Inc, 179.56° Azm - TL1, 11235' TVD @ 0° VS w/90° Inc										
11,600.00	90.00	179.56	11,235.00	-569.91	4.39	569.93	0.00	0.00	0.00	
11,700.00	90.00	179.56	11,235.00	-669.91	5.17	669.93	0.00	0.00	0.00	
11,800.00	90.00	179.56	11,235.00	-769.91	5.94	769.93	0.00	0.00	0.00	
11,900.00	90.00	179.56	11,235.00	-869.90	6.71	869.93	0.00	0.00	0.00	
12,000.00	90.00	179.56	11,235.00	-969.90	7.48	969.93	0.00	0.00	0.00	
12,100.00	90.00	179.56	11,235.00	-1,069.90	8.25	1,069.93	0.00	0.00	0.00	
12,200.00	90.00	179.56	11,235.00	-1,169.89	9.02	1,169.93	0.00	0.00	0.00	
12,300.00	90.00	179.56	11,235.00	-1,269.89	9.79	1,269.93	0.00	0.00	0.00	
12,400.00	90.00	179.56	11,235.00	-1,369.89	10.56	1,369.93	0.00	0.00	0.00	
12,500.00	90.00	179.56	11,235.00	-1,469.89	11.34	1,469.93	0.00	0.00	0.00	
12,600.00	90.00	179.56	11,235.00	-1,569.88	12.11	1,569.93	0.00	0.00	0.00	
12,700.00	90.00	179.56	11,235.00	-1,669.88	12.88	1,669.93	0.00	0.00	0.00	
12,800.00	90.00	179.56	11,235.00	-1,769.88	13.65	1,769.93	0.00	0.00	0.00	
12,900.00	90.00	179.56	11,235.00	-1,869.87	14.42	1,869.93	0.00	0.00	0.00	
13,000.00	90.00	179.56	11,235.00	-1,969.87	15.19	1,969.93	0.00	0.00	0.00	
13,100.00	90.00	179.56	11,235.00	-2,069.87	15.96	2,069.93	0.00	0.00	0.00	
13,200.00	90.00	179.56	11,235.00	-2,169.87	16.73	2,169.93	0.00	0.00	0.00	
13,300.00	90.00	179.56	11,235.00	-2,269.86	17.50	2,269.93	0.00	0.00	0.00	
13,400.00	90.00	179.56	11,235.00	-2,369.86	18.28	2,369.93	0.00	0.00	0.00	
13,500.00	90.00	179.56	11,235.00	-2,469.86	19.05	2,469.93	0.00	0.00	0.00	
13,600.00	90.00	179.56	11,235.00	-2,569.85	19.82	2,569.93	0.00	0.00	0.00	
13,700.00	90.00	179.56	11,235.00	-2,669.85	20.59	2,669.93	0.00	0.00	0.00	
13,800.00	90.00	179.56	11,235.00	-2,769.85	21.36	2,769.93	0.00	0.00	0.00	
13,900.00	90.00	179.56	11,235.00	-2,869.84	22.13	2,869.93	0.00	0.00	0.00	
14,000.00	90.00	179.56	11,235.00	-2,969.84	22.90	2,969.93	0.00	0.00	0.00	
14,100.00	90.00	179.56	11,235.00	-3,069.84	23.67	3,069.93	0.00	0.00	0.00	
14,200.00	90.00	179.56	11,235.00	-3,169.84	24.44	3,169.93	0.00	0.00	0.00	
14,300.00	90.00	179.56	11,235.00	-3,269.83	25.22	3,269.93	0.00	0.00	0.00	
14,400.00	90.00	179.56	11,235.00	-3,369.83	25.99	3,369.93	0.00	0.00	0.00	
14,500.00	90.00	179.56	11,235.00	-3,469.83	26.76	3,469.93	0.00	0.00	0.00	
14,600.00	90.00	179.56	11,235.00	-3,569.82	27.53	3,569.93	0.00	0.00	0.00	
14,700.00	90.00	179.56	11,235.00	-3,669.82	28.30	3,669.93	0.00	0.00	0.00	
14,800.00	90.00	179.56	11,235.00	-3,769.82	29.07	3,769.93	0.00	0.00	0.00	
14,900.00	90.00	179.56	11,235.00	-3,869.81	29.84	3,869.93	0.00	0.00	0.00	
15,000.00	90.00	179.56	11,235.00	-3,969.81	30.61	3,969.93	0.00	0.00	0.00	
15,100.00	90.00	179.56	11,235.00	-4,069.81	31.38	4,069.93	0.00	0.00	0.00	
15,200.00	90.00	179.56	11,235.00	-4,169.81	32.16	4,169.93	0.00	0.00	0.00	
15,300.00	90.00	179.56	11,235.00	-4,269.80	32.93	4,269.93	0.00	0.00	0.00	
15,400.00	90.00	179.56	11,235.00	-4,369.80	33.70	4,369.93	0.00	0.00	0.00	
15,500.00	90.00	179.56	11,235.00	-4,469.80	34.47	4,469.93	0.00	0.00	0.00	
15,600.00	90.00	179.56	11,235.00	-4,569.79	35.24	4,569.93	0.00	0.00	0.00	

Phoenix Technology Services

Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well #2H
Project:	Lea County NM (NAD27 NME)	TVD Reference:	KB @ 3651.50usft (Ensign 153)
Site:	Brininstool 23-23-33 USA	MD Reference:	KB @ 3651.50usft (Ensign 153)
Well:	#2H	North Reference:	Grid
Wellbore:	WB1/Job #1410267	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 02-12-14	Database:	GCR DB

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,700.00	90.00	179.56	11,235.00	-4,669.79	36.01	4,669.93	0.00	0.00	0.00
15,800.00	90.00	179.56	11,235.00	-4,769.79	36.78	4,769.93	0.00	0.00	0.00
15,828.21	90.00	179.56	11,235.00	-4,798.00	37.00	4,798.14	0.00	0.00	0.00
TD at 15828.21 - PBHL-Brininstool 23-23-33 #2H									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL-Brininstool 23-23-	-90.00	179.56	11,235.00	-4,798.00	37.00	467,837.00	746,587.00	32° 17' 1.24614 N	103° 32' 7.52116 W
- hit/miss target - Shape - plan hits target center - Rectangle (sides W100.00 H20.00 D4,327.01)									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
11,507.54	11,235.00	TL1, 11235' TVD @ 0° VS w/90° Inc		0.00	179.56	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
10,758	10,758	0	0	KOP, 12"/100' Build	
11,508	11,235	-477	4	LP, Hold 90° Inc, 179.56° Azm	
15,828	11,235	-4798	37	TD at 15828.21	

Checked By: _____	Approved By: _____	Date: _____
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