

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMNM117116
2. Name of Operator CHEVRON USA INCORPORATED Contact: KYLE R JOHNSON E-Mail: kyle.johnson@chevron.com		6. If Indian, Allottee or Tribe Name
3a. Address 15 SMITH ROAD MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 713-372-6514	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T26S R27E NWNE 152FNL 1979FEL 32.034440 N Lat, 104.158190 W Lon		8. Well Name and No. COTTON HILLS 23 26 27 FED COM 1H
		9. API Well No. 30-015-41535-00-X1
		10. Field and Pool, or Exploratory HAY HOLLOW
		11. County or Parish, and State EDDY COUNTY, NM

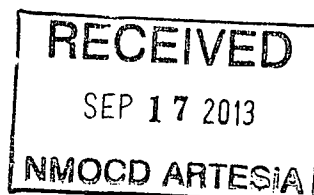
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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.)

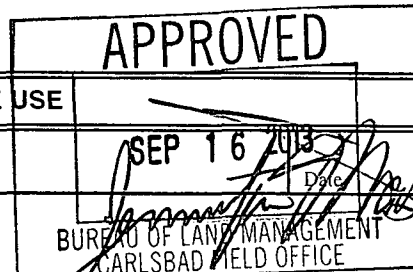
Chevron respectfully requests to change the target line from 9900' TVD to 9325' TVD. The target zone will still be within the Wolfcamp shale. Please see the attached revised directional plan.

Accepted for record
9/17/13
NMOCD



Original COAs still stand

14. I hereby certify that the foregoing is true and correct. Electronic Submission #218349 verified by the BLM Well Information System For CHEVRON USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by JOHNNY DICKERSON on 08/28/2013 (13JLD1247SE)	
Name (Printed/Typed) KYLE R JOHNSON	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 08/28/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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. <i>Rev 9/16/13 CAU</i>	
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 or any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	



Revisions to Operator-Submitted EC Data for Sundry Notice #218349

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	APDCH NOI
Lease:	NMNM117116	NMNM117116
Agreement:		
Operator:	CHEVRON OPERATING INC 1400 SMITH ST HOUSTON, TX 77002 Ph: 713-372-6514	CHEVRON USA INCORPORATED 15 SMITH ROAD MIDLAND, TX 79705 Ph: 432 685 4332
Admin Contact:	KYLE R JOHNSON DRILLING ENGINEER E-Mail: kyle.johnson@chevron.com Cell: 832-714-0670 Ph: 713-372-6514	KYLE R JOHNSON DRILLING ENGINEER E-Mail: kyle.johnson@chevron.com Cell: 832-714-0670 Ph: 713-372-6514
Tech Contact:	KYLE R JOHNSON DRILLING ENGINEER E-Mail: kyle.johnson@chevron.com Cell: 832-714-0670 Ph: 713-372-6514	KYLE R JOHNSON DRILLING ENGINEER E-Mail: kyle.johnson@chevron.com Cell: 832-714-0670 Ph: 713-372-6514
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	HAY;HOLLOW;WOLFCAMP	HAY HOLLOW
Well/Facility:	COTTON HILLS 23 26 27 FED COM 1H Sec 23 T26 S R27 E 152FNL 1979FEL 32.034440 N Lat, 104.158190 W Lon	COTTON HILLS 23 26 27 FED COM 1H Sec 23 T26S R27E NWNE 152FNL 1979FEL 32.034440 N Lat, 104.158190 W Lon



Project: Eddy County NM (NAD27 NME)
Site: Cotton Hills 23-26-27 Fed Com
Well: #1H
Wellbore: WB2/Job #1310733
Design: Plan #3 08-24-13
Rig: Ensign 153



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TECHNOLOGY SERVICES



Azimuths to Grid North
True North: -0.09°
Magnetic North: 7.48°

Magnetic Field
Strength: 48225.46nT
Dip Angle: 59.86°
Date: 08/06/2013
Model: IGRF2010_14

WELL DETAILS									
	+N/-S	+E/-W	Northing	Ground Level	Easting	3119.00	Latitude	Longitude	
	0.00	0.00	376299.00	554273.00	32° 2' 3.98230 N	104° 9' 29.48674 W			

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec
1	8731.00	1.30	120.70	8728.01	-14.10	-29.56	0.00	13.97	
2	8852.18	1.37	120.35	8849.15	-15.53	-27.13	0.06	-6.82	15.41
3	9600.50	90.50	179.53	9320.65	-497.03	-13.43	12.00	58.18	496.97
4	13692.76	90.50	179.53	9284.95	-4589.00	26.00	0.00	4589.04	PBHL v2-CH 23-26-27 Fed #4H TD at 13692.76

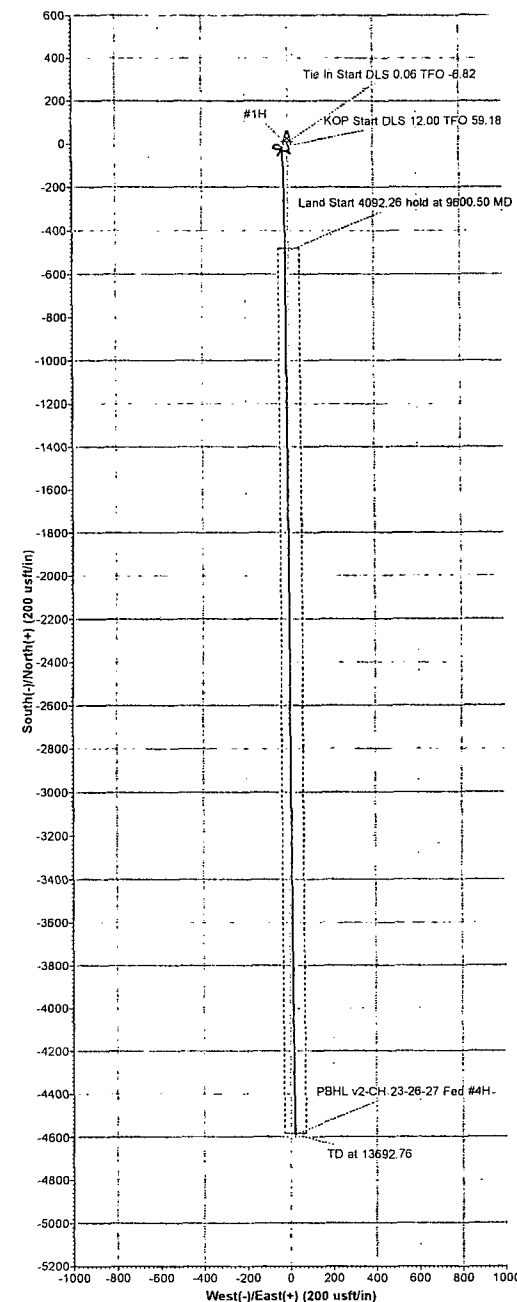
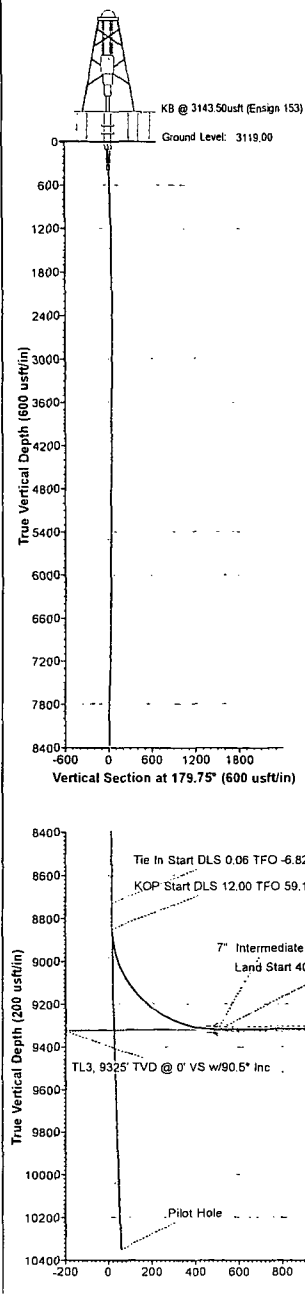
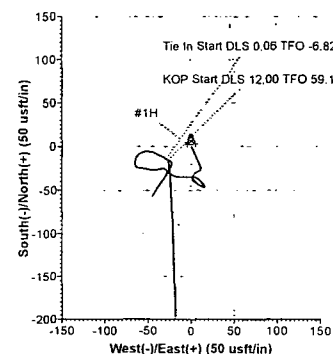
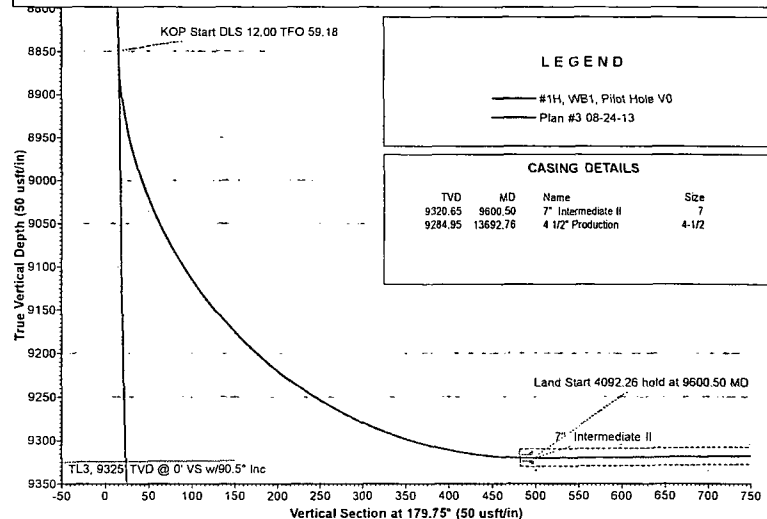
DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL v2-CH 23-26-27 Fed #4H9284.95	-4589.00	20.00	371710.00	554293.00	32° 1' 18.56626 N	104° 9' 29.34084 W	Rectangle (Sides: L20.00 W100.00)		
plan hits target center									

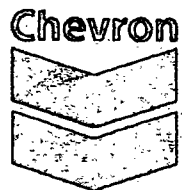
Map System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone Name: New Mexico East 3001
Local Origin: Well #1H, Grid North
Latitude: 32° 2' 3.98230 N
Longitude: 104° 9' 29.48674 W
Grid East: 554273.00
Grid North: 376299.00
Scale Factor: 1.000
Geomagnetic Model: IGRF2010_14
Sample Date: 06-Aug-13
Magnetic Declination: 7.58°
Dip Angle from Horizontal: 59.86°
Magnetic Field Strength: 48225

To convert a Magnetic Direction to a Grid Direction, Add 7.48°
To convert a Magnetic Direction to a True Direction, Add 7.58° East
To convert a True Direction to a Grid Direction, Subtract 0.09°

PROJECT DETAILS: Eddy County NM (NAD27 NME)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

SITE DETAILS: Cotton Hills 23-26-27 Fed Com
Site Centre Northing: 376299.00
Easting: 554273.00
Positional Uncertainty: 0.00
Convergence: 0.09
Local North: Grid





Chevron

Eddy County NM (NAD27 NME)

Cotton Hills 23-26-27 Fed Com

#1H

WB2/Job #1310733

Plan: Plan #3 08-24-13

Planning Report

24 August, 2013



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Planning Report



Company:	Chevron	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County NM (NAD27 NME)	TVD Reference:	KB @ 3143.50usft (Ensign 153)
Site:	Cotton Hills 23-26-27 Fed Com	MD Reference:	KB @ 3143.50usft (Ensign 153)
Well:	#1H	North Reference:	Grid
Wellbore:	WB2/Job #1310733	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3 08-24-13	Database:	GCR-DB v5000

Project:	Eddy 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:	Cotton Hills 23-26-27 Fed Com		
Site Position:		Northing:	376,299.00 usft
From:	Map	Easting:	554,273.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 3.98230 N
		Longitude:	104° 9' 29.48674 W
		Grid Convergence:	0.09 °

Well:		#1H				
Well Position	+N-S	0.00 usft	Northing:	376,299.00 usft	Latitude:	32° 2' 3.98230 N
	+E-W	0.00 usft	Easting:	554,273.00 usft	Longitude:	104° 9' 29.48674 W
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,119.00 usft

Wellbore:	WB2/Job #1310733		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	08/06/13	7.58	59.86	48,225

Design:	Plan #3 08-24-13		
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Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	8,731.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	179.75

Survey Tool Program	Date: 08/24/13			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
8,731.00	13,692.76	Plan #3 08-24-13 (WB2/Job #1310733)	MWD	MWD - Standard



Planning Report



Company:	Chevron	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County NM (NAD27 NME)	TVD Reference:	KB @ 3143.50usft (Ensign 153)
Site:	Cotton Hills 23-26-27 Fed Com	MD Reference:	KB @ 3143.50usft (Ensign 153)
Well:	#1H	North Reference:	Grid
Wellbore:	WB2/Job #1310733	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3'08'24-13	Database:	GCR DB v5000

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	DLeg (%/100usft)
8,731.00	1.30	120.70	5,584.51	8,728.01	-14.10	-29.56	376,284.90	554,243.44	13.97	0.00
Tie In Start DLS 0:06 TFO -6:82										
8,800.00	1.34	120.50	5,653.49	8,796.99	-14.91	-28.19	376,284.09	554,244.81	14.78	0.06
8,852.18	1.37	120.35	5,705.65	8,849.15	-15.53	-27.13	376,283.47	554,245.87	15.41	0.06
KOP Start DLS 12:00 TFO 59:18										
8,900.00	6.55	169.21	5,753.35	8,896.85	-18.50	-26.12	376,280.50	554,246.88	18.39	12.00
9,000.00	18.48	176.00	5,850.80	8,994.30	-39.99	-23.94	376,259.01	554,249.06	39.88	12.00
9,100.00	30.46	177.52	5,941.66	9,085.16	-81.27	-21.73	376,217.73	554,251.27	81.17	12.00
9,200.00	42.45	178.24	6,021.94	9,165.44	-140.54	-19.59	376,158.46	554,253.41	140.46	12.00
9,300.00	54.45	178.68	6,088.15	9,231.65	-215.22	-17.61	376,083.78	554,255.39	215.14	12.00
9,400.00	66.45	179.01	6,137.38	9,280.88	-302.03	-15.87	375,996.97	554,257.13	301.96	12.00
9,500.00	78.44	179.28	6,167.49	9,310.99	-397.19	-14.46	375,901.81	554,258.54	397.12	12.00
9,600.00	90.44	179.53	6,177.16	9,320.66	-496.53	-13.43	375,802.47	554,259.57	496.47	12.00
9,600.50	90.50	179.53	6,177.15	9,320.65	-497.03	-13.43	375,801.97	554,259.57	496.97	11.91
Land Start 4092.26 hold at 9600.50 MD -7" Intermediate II:										
9,700.00	90.50	179.53	6,176.28	9,319.78	-596.53	-12.61	375,702.47	554,260.39	596.46	0.00
9,800.00	90.50	179.53	6,175.41	9,318.91	-696.52	-11.80	375,602.48	554,261.20	696.46	0.00
9,900.00	90.50	179.53	6,174.54	9,318.04	-796.51	-10.98	375,502.49	554,262.02	796.46	0.00
10,000.00	90.50	179.53	6,173.67	9,317.17	-896.50	-10.16	375,402.50	554,262.84	896.45	0.00
10,100.00	90.50	179.53	6,172.79	9,316.29	-996.50	-9.35	375,302.50	554,263.65	996.45	0.00
10,200.00	90.50	179.53	6,171.92	9,315.42	-1,096.49	-8.53	375,202.51	554,264.47	1,096.44	0.00
10,300.00	90.50	179.53	6,171.05	9,314.55	-1,196.48	-7.71	375,102.52	554,265.29	1,196.44	0.00
10,400.00	90.50	179.53	6,170.18	9,313.68	-1,296.48	-6.90	375,002.52	554,266.10	1,296.43	0.00
10,500.00	90.50	179.53	6,169.30	9,312.80	-1,396.47	-6.08	374,902.53	554,266.92	1,396.43	0.00
10,600.00	90.50	179.53	6,168.43	9,311.93	-1,496.46	-5.26	374,802.54	554,267.74	1,496.42	0.00
10,700.00	90.50	179.53	6,167.56	9,311.06	-1,596.45	-4.45	374,702.55	554,268.55	1,596.42	0.00
10,800.00	90.50	179.53	6,166.69	9,310.19	-1,696.45	-3.63	374,602.55	554,269.37	1,696.41	0.00
10,900.00	90.50	179.53	6,165.81	9,309.31	-1,796.44	-2.81	374,502.56	554,270.19	1,796.41	0.00



Planning Report



Company:	Chevron	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County NM (NAD27 NME)	TVD Reference:	KB @ 3143.50usft (Ensign 153)
Site:	Cotton Hills 23-26-27 Fed Com	MD Reference:	KB @ 3143.50usft (Ensign 153)
Well:	#1H	North Reference:	Grid
Wellbore:	WB2/Job #1310733	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3-08-24-13	Database:	GCR DB v5000

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	DLeg (%/100usft)
11,000.00	90.50	179.53	6,164.94	9,308.44	-1,896.43	-1.99	374,402.57	554,271.01	1,896.41	0.00
11,100.00	90.50	179.53	6,164.07	9,307.57	-1,996.43	-1.18	374,302.57	554,271.82	1,996.40	0.00
11,200.00	90.50	179.53	6,163.20	9,306.70	-2,096.42	-0.36	374,202.58	554,272.64	2,096.40	0.00
11,300.00	90.50	179.53	6,162.32	9,305.82	-2,196.41	0.46	374,102.59	554,273.46	2,196.39	0.00
11,400.00	90.50	179.53	6,161.45	9,304.95	-2,296.40	1.27	374,002.60	554,274.27	2,296.39	0.00
11,500.00	90.50	179.53	6,160.58	9,304.08	-2,396.40	2.09	373,902.60	554,275.09	2,396.38	0.00
11,600.00	90.50	179.53	6,159.71	9,303.21	-2,496.39	2.91	373,802.61	554,275.91	2,496.38	0.00
11,700.00	90.50	179.53	6,158.84	9,302.34	-2,596.38	3.72	373,702.62	554,276.72	2,596.37	0.00
11,800.00	90.50	179.53	6,157.96	9,301.46	-2,696.38	4.54	373,602.62	554,277.54	2,696.37	0.00
11,900.00	90.50	179.53	6,157.09	9,300.59	-2,796.37	5.36	373,502.63	554,278.36	2,796.36	0.00
12,000.00	90.50	179.53	6,156.22	9,299.72	-2,896.36	6.17	373,402.64	554,279.17	2,896.36	0.00
12,100.00	90.50	179.53	6,155.35	9,298.85	-2,996.35	6.99	373,302.65	554,279.99	2,996.36	0.00
12,200.00	90.50	179.53	6,154.47	9,297.97	-3,096.35	7.81	373,202.65	554,280.81	3,096.35	0.00
12,300.00	90.50	179.53	6,153.60	9,297.10	-3,196.34	8.62	373,102.66	554,281.62	3,196.35	0.00
12,400.00	90.50	179.53	6,152.73	9,296.23	-3,296.33	9.44	373,002.67	554,282.44	3,296.34	0.00
12,500.00	90.50	179.53	6,151.86	9,295.36	-3,396.33	10.26	372,902.67	554,283.26	3,396.34	0.00
12,600.00	90.50	179.53	6,150.98	9,294.48	-3,496.32	11.07	372,802.68	554,284.07	3,496.33	0.00
12,700.00	90.50	179.53	6,150.11	9,293.61	-3,596.31	11.89	372,702.69	554,284.89	3,596.33	0.00
12,800.00	90.50	179.53	6,149.24	9,292.74	-3,696.30	12.71	372,602.70	554,285.71	3,696.32	0.00
12,900.00	90.50	179.53	6,148.37	9,291.87	-3,796.30	13.52	372,502.70	554,286.52	3,796.32	0.00
13,000.00	90.50	179.53	6,147.49	9,290.99	-3,896.29	14.34	372,402.71	554,287.34	3,896.31	0.00
13,100.00	90.50	179.53	6,146.62	9,290.12	-3,996.28	15.16	372,302.72	554,288.16	3,996.31	0.00
13,200.00	90.50	179.53	6,145.75	9,289.25	-4,096.28	15.98	372,202.72	554,288.98	4,096.31	0.00
13,300.00	90.50	179.53	6,144.88	9,288.38	-4,196.27	16.79	372,102.73	554,289.79	4,196.30	0.00
13,400.00	90.50	179.53	6,144.00	9,287.50	-4,296.26	17.61	372,002.74	554,290.61	4,296.30	0.00
13,500.00	90.50	179.53	6,143.13	9,286.63	-4,396.25	18.43	371,902.75	554,291.43	4,396.29	0.00
13,600.00	90.50	179.53	6,142.26	9,285.76	-4,496.25	19.24	371,802.75	554,292.24	4,496.29	0.00



Planning Report



Company:	Chevron	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County NM (NAD27 NME)	TVD Reference:	KB @ 3143.50usft (Ensign 153)
Site:	Cotton Hills 23-26-27 Fed Com	MD Reference:	KB @ 3143.50usft (Ensign 153)
Well:	#1H	North Reference:	Grid
Wellbore:	WB2/Job #1310733	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3'08:24:13	Database:	GCR DB v5000

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	DLeg (%/100usft)
13,692.76	90.50	179.53	6,141.45	9,284.95	-4,589.00	20.00	371,710.00	554,293.00	4,589.04	0.00
TD at 13692.76										

9,600.50	9,320.65	7" Intermediate II	7	8-3/4
13,692.76	9,284.95	4 1/2" Production	4-1/2	6-1/8

Plan Annotations:				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		N-S (usft)	E-W (usft)	
8,731.00	8,728.01	-14.10	-29.56	Tie In Start DLS 0.06 TFO -6.82
8,852.18	8,849.15	-15.53	-27.13	KOP Start DLS 12.00 TFO 59.18
9,600.50	9,320.65	-497.03	-13.43	Land Start 4092.26 hold at 9600.50 MD
13,692.76	9,284.95	-4,589.00	20.00	TD at 13692.76

Checked By: _____	Approved By: _____	Date: _____
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