District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
FEB 13 2013
NMOCD ARTESIA

Form C-101
Revised November 14, 2012

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
Chevron USA, Inc. 15 Smith Road Midland, TX 79705	4323
	3. API Number: 30-015-41118

4. Property Code: 37682	5. Property Name	6. Well No.
	SKEEN 2 26 27 ST	4H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	2	26 S	27 E		150'	N	400'	E	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	2	26 S	27 E		330'	S	400'	E	EDDY

9. Pool Information

Pool Name	Pool Code
DELAWARE RIVER; BONE SPRING	16800

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
N	O	R	S	3158'
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	12,449'	Bone Spring	TBD	

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
19'-50'	>2.0 MILES	>5.8 MILES

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	48#	450'	600	0'
Intermediate	12 1/4"	9 5/8"	40#	2250'	1000	0'
Production	8 3/4"	5 1/2"	17#	12,449'	900	1750'

Casing/Cement Program: Additional Comments

DETAILED INFORMATION IS ATTACHED.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.** Signature: Bryan Arrant	OIL CONSERVATION DIVISION
Printed name: Bryan Arrant-Agent for Chevron USA, Inc.	Approved By: T. C. Shepard
Title: Regulatory Specialist II	Title: Geologist
E-mail Address: bryan.arrant@chk.com	Approved Date: 2/14/2013 Expiration Date: 2/14/2015
Date: 02/12/2013 Phone: (405)935-3782	Conditions of Approval Attached

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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

1 API Number	2 Pool Code	3 Pool Name
30-015-41118	16800	DELAWARE RIVER; BONE SPRING
4 Property Code	5 Property Name	6 Well Number
37683	SKEEN 2 26 27 ST	4H
7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3158'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	26 SOUTH	27 EAST, N.M.P.M.		150'	NORTH	400'	EAST	EDDY

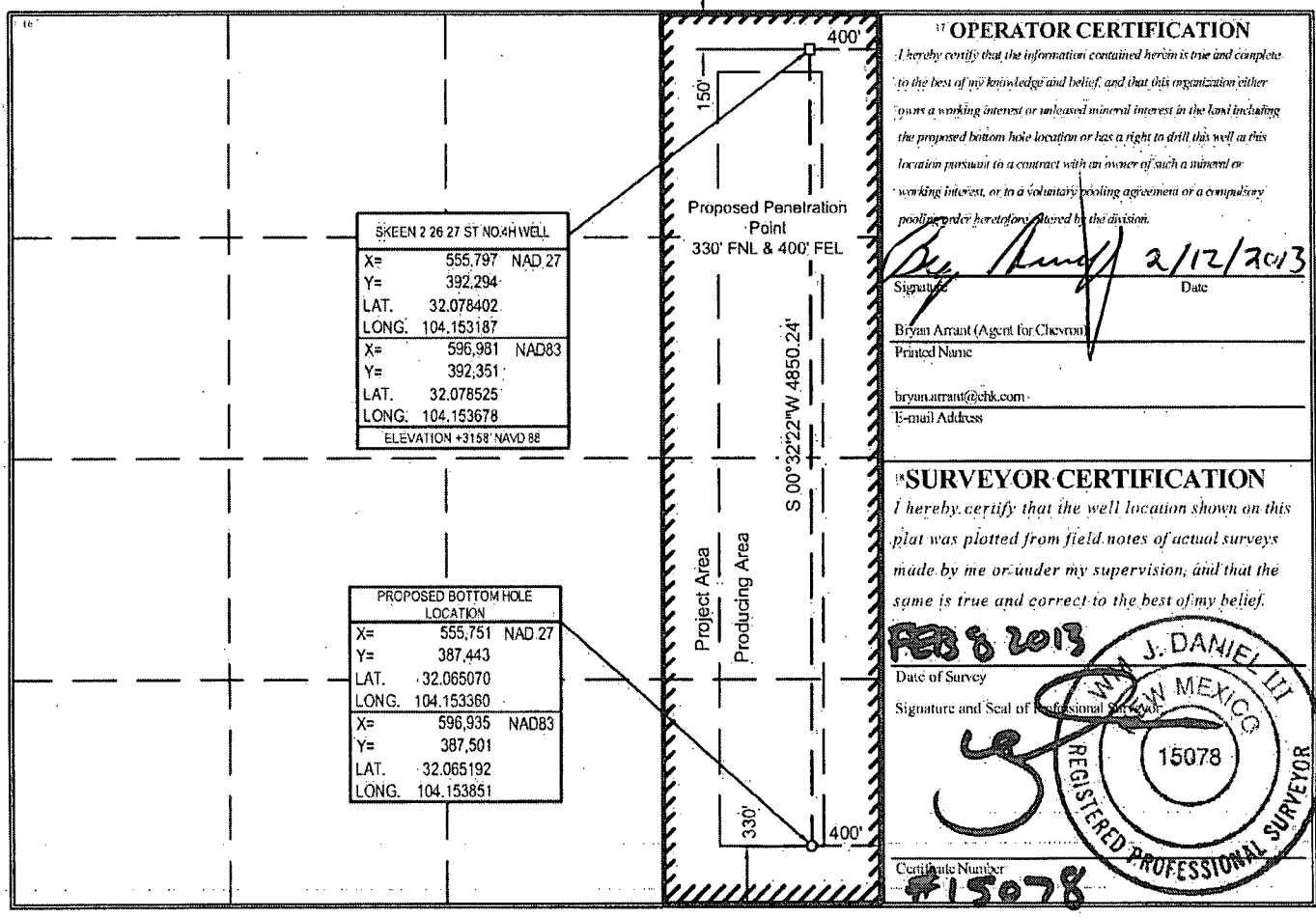
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	26 SOUTH	27 EAST, N.M.P.M.		330'	SOUTH	400'	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

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.

16



17 OPERATOR CERTIFICATION

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 unleased 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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature — Date: 2/12/2013

Bryan Arrant (Agent for Chevron)
Printed Name

bryan.arrant@chk.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

FEB 8 2013
Date of Survey

Signature and Seal of Professional Surveyor

J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

Skeen 2-26-27 ST 4H

Type	Hole Size (")	Casing Size (in)	Casing Weight (#'s)	Setting Depth (ft)	Estimated TOC (ft)	Bottom of Cemented Interval (ft)	Sacks of Cement (sx)
Surface	17.5	13.375	48	450	0	450	600
Intermediate	12.25	9.625	40	2,250	0	2,250	1,000
Production	8.75	5.5	17	12,449	1,750	8,078	900
		** Lateral will be an OH Packer Completion (no cement) from 12,449' (TD) to 8,078' (End of Curve). There will be a stage tool at the End of Curve to cement back up to 500' inside Intermediate csg thru.					

Permian District

NM - Bone Spring Sand Project
Skeen 2-26-27 ST 4H
Skeen 2-26-27 ST 4H

Wellbore #1

Plan: Plat 08Feb13

Standard Planning Report

11 February, 2013

Chesapeake Operating
Planning Report

Database:	Drilling Database	**Local Co-ordinate Reference:**	Site Skeen 2-26-27 ST 4H
Company:	Permian District	**TVD Reference:**	RKB @ 3175.0usft
Project:	NM - Bone Spring Sand Project	**MD Reference:**	RKB @ 3175.0usft
Site:	Skeen 2-26-27 ST 4H	**North Reference:**	Grid
Well:	Skeen 2-26-27 ST 4H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 08Feb13		

Project NM - Bone Spring Sand Project

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 Skeen 2-26-27 ST 4H

Site Position:		**Northing:**	392,294.00 ft	**Latitude:**	32° 4' 42.24586353 N
From:	Map	**Easting:**	555,797.00 ft	**Longitude:**	104° 9' 11.48467665 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13.200 in	**Grid Convergence:**	0.10 °

Well Skeen 2-26-27 ST 4H

Well Position	**+N/-S**	0.0 usft	**Northing:**	392,294.00 ft	**Latitude:**	32° 4' 42.24586353 N
	+E/-W	0.0 usft	**Easting:**	555,797.00 ft	**Longitude:**	104° 9' 11.48467665 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	3,158.0 usft	**Ground Level:**	3,158.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/11/2013	7.64	59.91	48,300

Design Plat 08Feb13

Audit Notes:					
Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	180.54

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,325.0	0.00	0.00	7,325.0	0.0	0.0	0.00	0.00	0.00	0.00	
8,077.5	90.30	180.54	7,802.5	-479.9	-4.6	12.00	12.00	0.00	180.54	
12,448.8	90.30	180.54	7,779.6	-4,851.0	-46.0	0.00	0.00	0.00	0.00	Skeen 2-26-27 ST

Chesapeake Operating
Planning Report

Database:	Drilling Database	**Local Co-ordinate Reference:**	Site Skeen 2-26-27 ST 4H
Company:	Permian District	**TVD Reference:**	RKB @ 3175.0usft
Project:	NM - Bone Spring Sand Project	**MD Reference:**	RKB @ 3175.0usft
Site:	Skeen 2-26-27 ST 4H	**North Reference:**	Grid
Well:	Skeen 2-26-27 ST 4H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 08Feb13		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Database:	Drilling Database	**Local Co-ordinate Reference:**	Site Skeen 2-26-27 ST 4H
Company:	Permian District	**TVD Reference:**	RKB @ 3175.0usft
Project:	NM - Bone Spring Sand Project	**MD Reference:**	RKB @ 3175.0usft
Site:	Skeen 2-26-27 ST 4H	**North Reference:**	Grid
Well:	Skeen 2-26-27 ST 4H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 08Feb13		

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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,325.0	0.00	0.00	7,325.0	0.0	0.0	0.0	0.00	0.00	0.00
7,350.0	3.00	180.54	7,350.0	-0.7	0.0	0.7	12.00	12.00	0.00
7,375.0	6.00	180.54	7,374.9	-2.6	0.0	2.6	12.00	12.00	0.00
7,400.0	9.00	180.54	7,399.7	-5.9	-0.1	5.9	12.00	12.00	0.00
7,425.0	12.00	180.54	7,424.3	-10.4	-0.1	10.4	12.00	12.00	0.00
7,450.0	15.00	180.54	7,448.6	-16.3	-0.2	16.3	12.00	12.00	0.00
7,475.0	18.00	180.54	7,472.5	-23.4	-0.2	23.4	12.00	12.00	0.00
7,500.0	21.00	180.54	7,496.1	-31.7	-0.3	31.7	12.00	12.00	0.00
7,525.0	24.00	180.54	7,519.2	-41.3	-0.4	41.3	12.00	12.00	0.00
7,550.0	27.00	180.54	7,541.8	-52.0	-0.5	52.0	12.00	12.00	0.00
7,575.0	30.00	180.54	7,563.7	-64.0	-0.6	64.0	12.00	12.00	0.00
7,600.0	33.00	180.54	7,585.1	-77.0	-0.7	77.0	12.00	12.00	0.00
7,625.0	36.00	180.54	7,605.7	-91.2	-0.9	91.2	12.00	12.00	0.00
7,650.0	39.00	180.54	7,625.5	-106.4	-1.0	106.4	12.00	12.00	0.00
7,675.0	42.00	180.54	7,644.5	-122.6	-1.2	122.6	12.00	12.00	0.00
7,700.0	45.00	180.54	7,662.6	-139.8	-1.3	139.8	12.00	12.00	0.00
7,725.0	48.00	180.54	7,679.8	-157.9	-1.5	158.0	12.00	12.00	0.00
7,750.0	51.00	180.54	7,696.1	-177.0	-1.7	177.0	12.00	12.00	0.00
7,775.0	54.00	180.54	7,711.3	-196.8	-1.9	196.8	12.00	12.00	0.00
7,800.0	57.00	180.54	7,725.4	-217.4	-2.1	217.4	12.00	12.00	0.00
7,825.0	60.00	180.54	7,738.5	-238.7	-2.3	238.7	12.00	12.00	0.00
7,850.0	63.00	180.54	7,750.4	-260.7	-2.5	260.7	12.00	12.00	0.00
7,875.0	66.00	180.54	7,761.2	-283.2	-2.7	283.2	12.00	12.00	0.00
7,900.0	69.00	180.54	7,770.8	-306.3	-2.9	306.3	12.00	12.00	0.00
7,925.0	72.00	180.54	7,779.1	-329.9	-3.1	329.9	12.00	12.00	0.00
7,950.0	75.00	180.54	7,786.2	-353.8	-3.4	353.9	12.00	12.00	0.00
7,975.0	78.00	180.54	7,792.1	-378.1	-3.6	378.2	12.00	12.00	0.00
8,000.0	81.00	180.54	7,796.6	-402.7	-3.8	402.7	12.00	12.00	0.00
8,025.0	84.00	180.54	7,799.9	-427.5	-4.1	427.5	12.00	12.00	0.00
8,050.0	87.00	180.54	7,801.8	-452.4	-4.3	452.4	12.00	12.00	0.00
8,075.0	90.00	180.54	7,802.5	-477.4	-4.5	477.4	12.00	12.00	0.00
8,077.5	90.30	180.54	7,802.5	-479.9	-4.6	480.0	12.00	12.00	0.00
8,100.0	90.30	180.54	7,802.4	-502.4	-4.8	502.4	0.00	0.00	0.00
8,200.0	90.30	180.54	7,801.8	-602.4	-5.7	602.4	0.00	0.00	0.00

Database:	Drilling Database	**Local Co-ordinate Reference:**	Site Skeen 2-26-27 ST 4H
Company:	Permian District	**TVD Reference:**	RKB @ 3175.0usft
Project:	NM - Bone Spring Sand Project	**MD Reference:**	RKB @ 3175.0usft
Site:	Skeen 2-26-27 ST 4H	**North Reference:**	Grid
Well:	Skeen 2-26-27 ST 4H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 08Feb13		

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)
8,300.0	90.30	180.54	7,801.3	-702.4	-6.7	702.4	0.00	0.00	0.00
8,400.0	90.30	180.54	7,800.8	-802.4	-7.6	802.4	0.00	0.00	0.00
8,500.0	90.30	180.54	7,800.3	-902.4	-8.6	902.4	0.00	0.00	0.00
8,600.0	90.30	180.54	7,799.8	-1,002.4	-9.5	1,002.4	0.00	0.00	0.00
8,700.0	90.30	180.54	7,799.2	-1,102.4	-10.5	1,102.4	0.00	0.00	0.00
8,800.0	90.30	180.54	7,798.7	-1,202.4	-11.4	1,202.4	0.00	0.00	0.00
8,900.0	90.30	180.54	7,798.2	-1,302.4	-12.3	1,302.4	0.00	0.00	0.00
9,000.0	90.30	180.54	7,797.7	-1,402.4	-13.3	1,402.4	0.00	0.00	0.00
9,100.0	90.30	180.54	7,797.1	-1,502.4	-14.2	1,502.4	0.00	0.00	0.00
9,200.0	90.30	180.54	7,796.6	-1,602.3	-15.2	1,602.4	0.00	0.00	0.00
9,300.0	90.30	180.54	7,796.1	-1,702.3	-16.1	1,702.4	0.00	0.00	0.00
9,400.0	90.30	180.54	7,795.6	-1,802.3	-17.1	1,802.4	0.00	0.00	0.00
9,500.0	90.30	180.54	7,795.0	-1,902.3	-18.0	1,902.4	0.00	0.00	0.00
9,600.0	90.30	180.54	7,794.5	-2,002.3	-19.0	2,002.4	0.00	0.00	0.00
9,700.0	90.30	180.54	7,794.0	-2,102.3	-19.9	2,102.4	0.00	0.00	0.00
9,800.0	90.30	180.54	7,793.5	-2,202.3	-20.9	2,202.4	0.00	0.00	0.00
9,900.0	90.30	180.54	7,792.9	-2,302.3	-21.8	2,302.4	0.00	0.00	0.00
10,000.0	90.30	180.54	7,792.4	-2,402.3	-22.8	2,402.4	0.00	0.00	0.00
10,100.0	90.30	180.54	7,791.9	-2,502.3	-23.7	2,502.4	0.00	0.00	0.00
10,200.0	90.30	180.54	7,791.4	-2,602.3	-24.7	2,602.4	0.00	0.00	0.00
10,300.0	90.30	180.54	7,790.9	-2,702.3	-25.6	2,702.4	0.00	0.00	0.00
10,400.0	90.30	180.54	7,790.3	-2,802.3	-26.6	2,802.4	0.00	0.00	0.00
10,500.0	90.30	180.54	7,789.8	-2,902.3	-27.5	2,902.4	0.00	0.00	0.00
10,600.0	90.30	180.54	7,789.3	-3,002.3	-28.5	3,002.4	0.00	0.00	0.00
10,700.0	90.30	180.54	7,788.8	-3,102.3	-29.4	3,102.4	0.00	0.00	0.00
10,800.0	90.30	180.54	7,788.2	-3,202.3	-30.4	3,202.4	0.00	0.00	0.00
10,900.0	90.30	180.54	7,787.7	-3,302.2	-31.3	3,302.4	0.00	0.00	0.00
11,000.0	90.30	180.54	7,787.2	-3,402.2	-32.3	3,402.4	0.00	0.00	0.00
11,100.0	90.30	180.54	7,786.7	-3,502.2	-33.2	3,502.4	0.00	0.00	0.00
11,200.0	90.30	180.54	7,786.1	-3,602.2	-34.2	3,602.4	0.00	0.00	0.00
11,300.0	90.30	180.54	7,785.6	-3,702.2	-35.1	3,702.4	0.00	0.00	0.00
11,400.0	90.30	180.54	7,785.1	-3,802.2	-36.1	3,802.4	0.00	0.00	0.00
11,500.0	90.30	180.54	7,784.6	-3,902.2	-37.0	3,902.4	0.00	0.00	0.00
11,600.0	90.30	180.54	7,784.0	-4,002.2	-38.0	4,002.4	0.00	0.00	0.00
11,700.0	90.30	180.54	7,783.5	-4,102.2	-38.9	4,102.4	0.00	0.00	0.00
11,800.0	90.30	180.54	7,783.0	-4,202.2	-39.8	4,202.4	0.00	0.00	0.00
11,900.0	90.30	180.54	7,782.5	-4,302.2	-40.8	4,302.4	0.00	0.00	0.00
12,000.0	90.30	180.54	7,781.9	-4,402.2	-41.7	4,402.4	0.00	0.00	0.00
12,100.0	90.30	180.54	7,781.4	-4,502.2	-42.7	4,502.4	0.00	0.00	0.00
12,200.0	90.30	180.54	7,780.9	-4,602.2	-43.6	4,602.4	0.00	0.00	0.00
12,300.0	90.30	180.54	7,780.4	-4,702.2	-44.6	4,702.4	0.00	0.00	0.00
12,400.0	90.30	180.54	7,779.9	-4,802.2	-45.5	4,802.4	0.00	0.00	0.00
12,448.8	90.30	180.54	7,779.6	-4,851.0	-46.0	4,851.2	0.00	0.00	0.00

Database:	Drilling Database	**Local Co-ordinate Reference:**	Site Skeen 2-26-27 ST 4H
Company:	Permian District	**TVD Reference:**	RKB @ 3175.0usft
Project:	NM - Bone Spring Sand Project	**MD Reference:**	RKB @ 3175.0usft
Site:	Skeen 2-26-27 ST 4H	**North Reference:**	Grid
Well:	Skeen 2-26-27 ST 4H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 08Feb13		

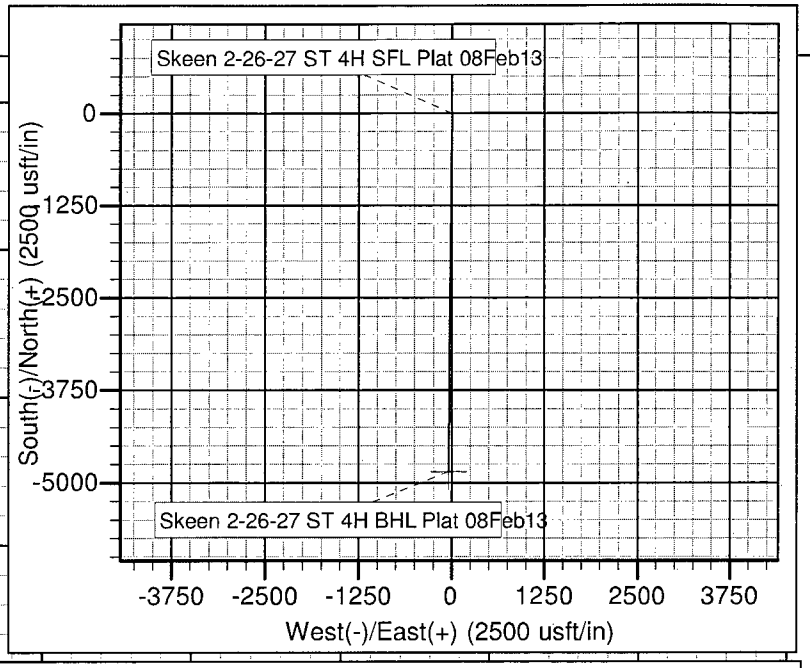
Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Skeen 2-26-27 ST 4H - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	392,294.00	555,797.00	32° 4' 42.24586353 N	103° 9' 11.48467665 W
Skeen 2-26-27 ST 4H - plan hits target center - Point	0.00	0.01	7,779.6	-4,851.0	-46.0	387,443.00	555,751.00	32° 3' 54.23843177 N	103° 9' 12.11336848 W

Project: NM - Bone Spring Sand Project
Site: Skeen 2-26-27 ST 4H
Well: Skeen 2-26-27 ST 4H
Wellbore: Wellbore #1
Design: Plat 08Feb13

PROJECT DETAILS: NM - Bone Spring Sand Project

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



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7325.0	0.00	0.00	7325.0	0.0	0.0	0.00	0.00	0.0	
3	8077.5	90.30	180.54	7802.5	-479.9	-4.6	12.00	180.54	480.0	
4	12448.8	90.30	180.54	7779.6	-4851.0	-46.0	0.00	0.00	4851.2	Skeen 2-26-27 ST 4H BHL Plat 08Feb13