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Phone (505) 554-0176 Fax: (505) 554-0170

DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40156	Pool Code 97798	Pool Name WC; G-06 S243026M; BONE SPRING
Property Code 39153	Property Name PLU BIG SINKS 34 24 30 USA	Well Number 1H
OGM No. 147179	Operator Name CHESAPEAKE OPERATING CO.	Elevation 3351'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	24 S	30 E		165	NORTH	1980	EAST	EDDY

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
O	34	24 S	30 E		103	SOUTH	1956	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
162.49			

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

SURFACE LOCATION Lot - N 32.18116994' Long - W 103.86657585' NMSPC- E 685711.343 (NAD-83) Lot - N 32.1810464' Long - W 103.8681918' NMSPC- E 644526.835 (NAD-27) FIRST PERFORATIONS 736 FSL & 1940' FEL PROPOSED BOTTOM HOLE LOCATION Lot - N 32.167374589' Long - W 103.866505310' NMSPC- E 685785.816 (NAD-83) Lot - N 32.167250883' Long - W 103.866022029' NMSPC- E 644880.590 (NAD-27)	SL 3347.9' 3348.7' 1980' Project Area Producing Area 1956' 1980' Terminus ACTUAL BOTTOM HOLE LOCATION 103' FSL & 1956' FEL	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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Bryan Arrant</i> Date: 06/15/2012 Printed Name: Bryan Arrant Email Address: bryan.arrant@chk.com 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. Date Surveyed: DECEMBER 22, 2011 Signature: <i>L. Jones</i> Professional Surveyor: 7977 Certificate No.: 7977 BASIN SURVEYS 25836
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Chesapeake Operating Inc.

Project: Eddy County, New Mexico (NAD 1983)

Site: PLU Big Sinks 34-24-30 USA 1H

Well: Job # 1210326

Wellbore: Rig: Patterson 62

Plan: Plan 4 5-2-2012

Rig: Patterson 62

WELL DETAILS: Job # 1210326

Northing	Easting	Ground Level	Latitude	Longitude
429957.45	665711.34	32° 10' 52.2118 N	103° 52' 0.0323 W	

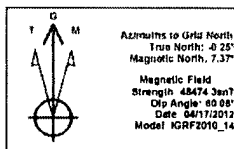
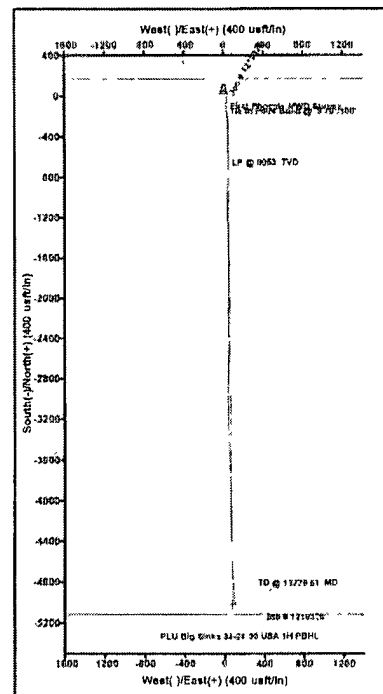
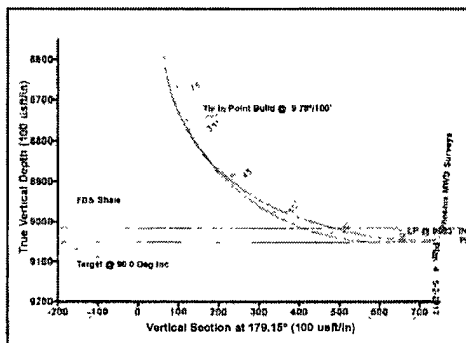
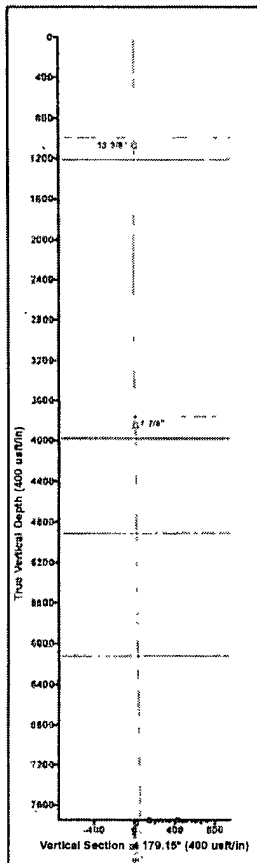
SECTION DETAILS

MD	Inc	Act	TVD	+N-B	+E-W	Dip	IFace	VSeal
8781.00	27.60	173.67	8782.21	-110.42	23.18	0.00	0.00	110.75
9371.00	80.00	179.34	9053.00	609.03	44.87	10.28	6.60	605.63
11293.54	80.00	179.69	9053.00	-2428.51	81.81	0.02	90.03	2428.13
13779.63	60.00	179.69	9053.00	-5016.46	74.86	0.00	0.00	5016.01

PLU Big Sinks 34-24-30 USA 1H PBHL

FORMATION TOP DETAILS

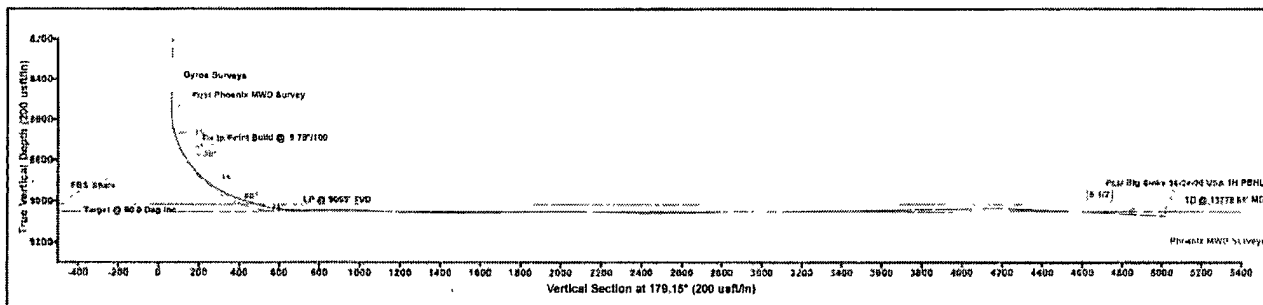
TVDPath	MDPath	Formation	DipAngle	DipDir
907.00	907.00	Rustler	0.00	179.15
1214.00	1214.00	Top of Salt	0.00	179.15
3781.00	3781.00	Base of Hille	0.00	179.15
3674.00	3674.00	Lamar	0.00	179.15
3830.00	3830.00	Bell Canyon	0.00	179.15
4910.00	4910.00	Cherry Canyon	0.00	179.15
6119.00	6119.00	Brown Canyon	0.00	179.15
7781.00	7781.00	Bone Spring	0.00	179.15
8012.00	9189.20	Fish Shale	0.00	179.15
9053.00	9071.00	Target @ 90° Dip Inc	0.00	179.15



Alignments to Grid North
True North: 0.25°
Magnetic North: 7.37°
Magnetic Field
Strength: 48474.36nT
Dip Angle: 60.00°
Date: 04/17/2012
Model: IGRF2010_14

ANNOTATIONS

TVD	MD	Annotation
8752.21	8781.00	Tie In Point Build @ 9.78°/100'
9053.00	9384.05	LP @ 9053' TVD
9053.00	13779.00	TD @ 13779.61 MD



Created By: JES PEREZ