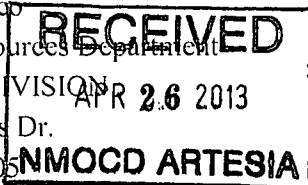


District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
311 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis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

State of New Mexico
Energy, Minerals & 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 APL Number 30-015-41311	² Pool Code 64450	³ Pool Name Willow Lake Southwest; Bone Spring
⁴ Property Code 39865	⁵ Property Name ODIE 4 STATE	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 2964.1

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
M	4	25 S	28 E		210	SOUTH	660	WEST	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
4	4	25 S	28 E		330	NORTH	660	WEST	EDDY

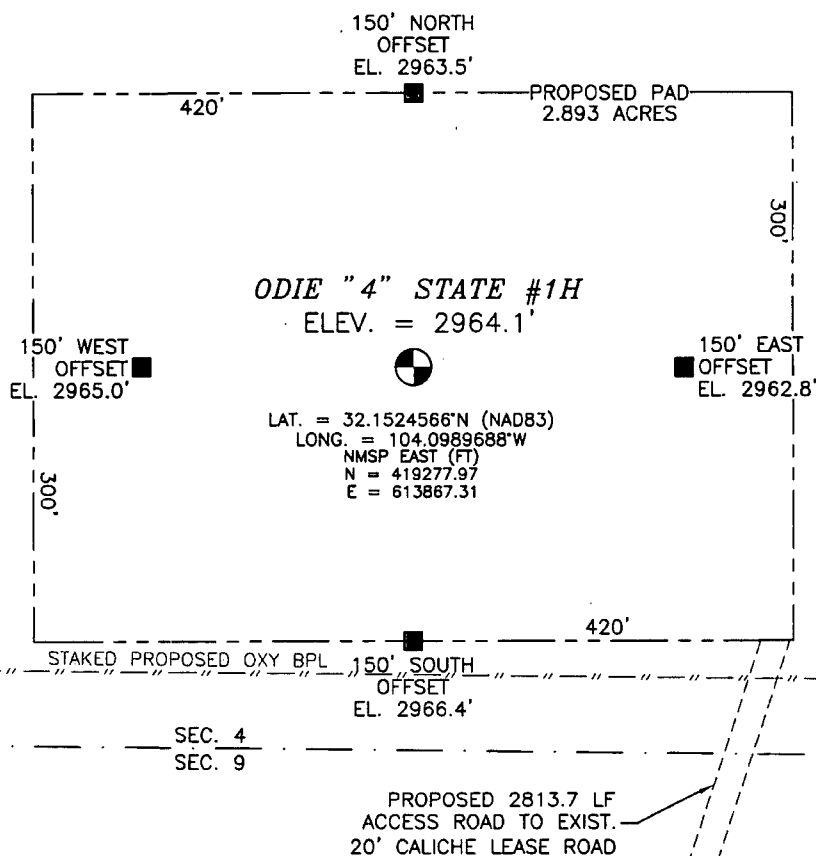
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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.

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. <i>Patti Riechers</i>, 4/25/13 Signature Date Patti Riechers, Regulatory Specialist Printed Name Patti.Riechers@dmv.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. MARCH 11, 2013 Date of Survey <i>Clinton E. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: CLINTON E. JARAMILLO, PLS 12797 SURVEY NO. 1616	
--	--	--	--

SECTION 4, TOWNSHIP 25 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



010 50 100 200
SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM MILE MARKER 10 ON U.S. 285 GO SOUTH ON U.S. 285 0.9 MILES TO A CALICHE ROAD ON RIGHT, GO WEST ON CALICHE ROAD 1.75 MILES TO CALICHE ROAD INTERSECTION, GO WEST FORWARD 1.2 MILES TO ROAD INTERSECTION, TURN RIGHT GO 1.21 MILES, CROSS CATTLE GUARD TO ROAD INTERSECTION, TURN RIGHT GO EAST 0.51 MILES TO ROAD TURN, GO NORTH 0.3 MILES, FOLLOW LATHS ON RIGHT SIDE, THEY GO EAST THEN TURN NORTH TO SITE 2813 FT.

DEVON ENERGY PRODUCTION COMPANY, L.P.

ODIE "4" STATE #1H

LOCATED 210 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 4, TOWNSHIP 25 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

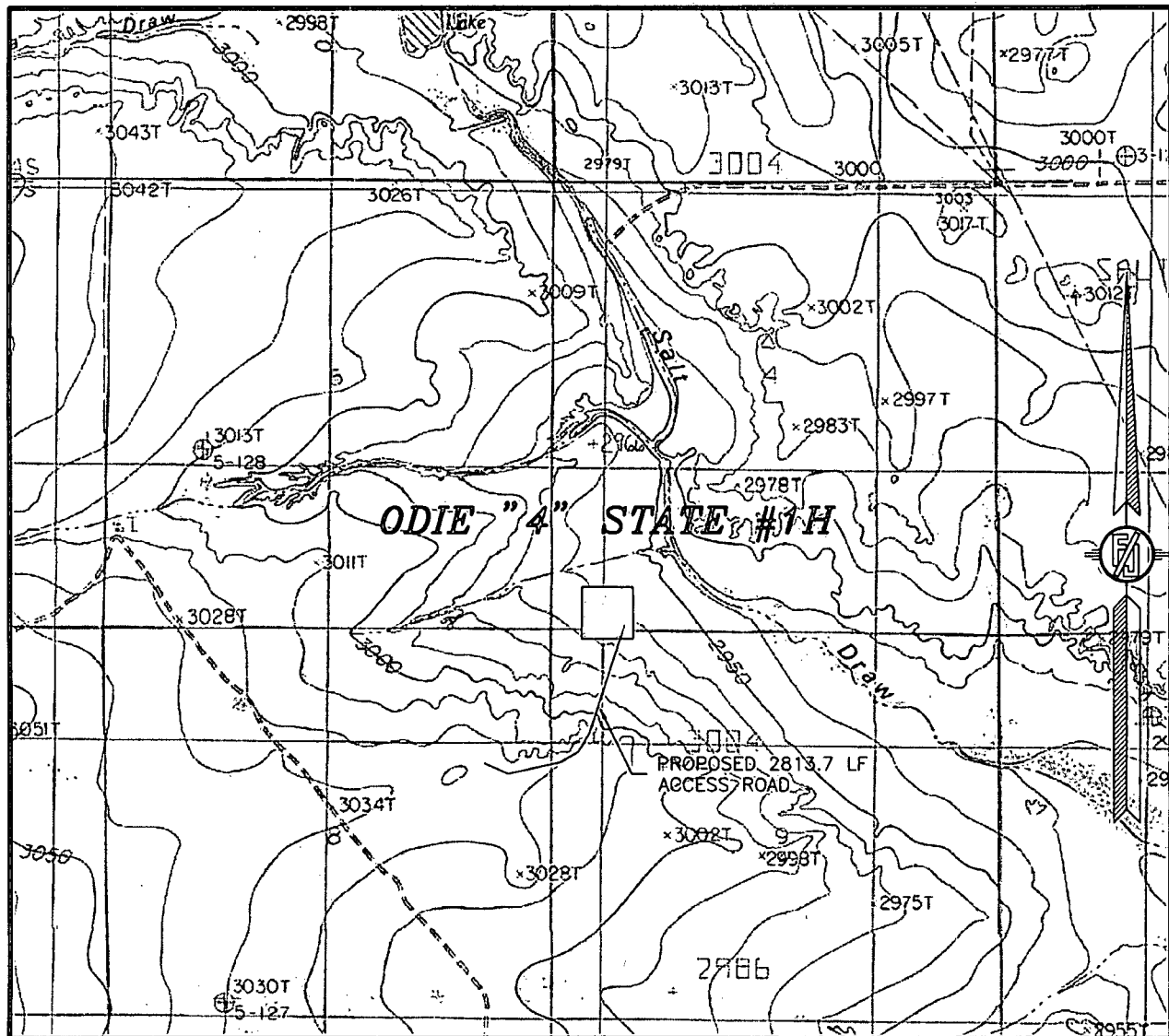
MARCH 11, 2013

SURVEY NO. 1616

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 4, TOWNSHIP 25 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
MALAGA, NM

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

ODIE "4" STATE #1H

LOCATED 210 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 4, TOWNSHIP 25 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MARCH 11, 2013

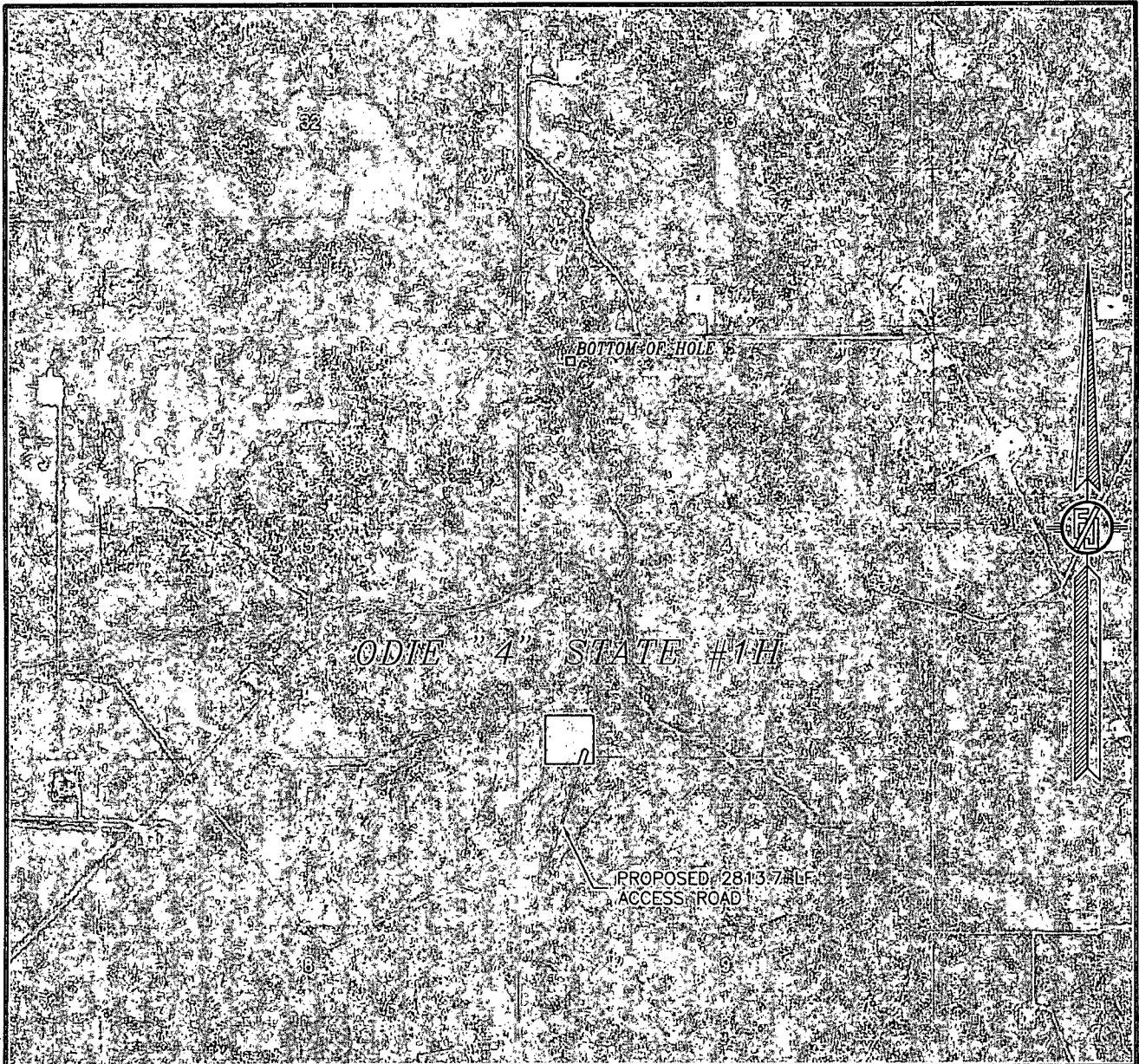
SURVEY NO. 1616

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

The map is a topographic representation of a region in New Mexico. It features a grid system with coordinates ranging from 1010 to 1020 on the vertical axis and 015 to 025 on the horizontal axis. Key geographical features include the Pecos River, Red River, and several draws such as Black Draw, Red Draw, and Apple Draw. The map also shows various hills and a central area labeled 'ODIE '4' STATE #1H'. A north arrow is located in the upper right corner, and a scale bar is present in the lower right corner.

CARLSBAD, NEW MEXICO

SECTION 4, TOWNSHIP 25 SOUTH, RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
JANUARY 2013

DEVON ENERGY PRODUCTION COMPANY, L.P.

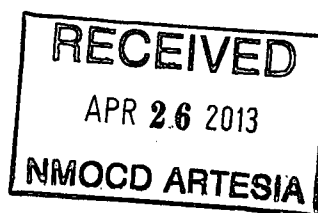
ODIE "4" STATE #1H

LOCATED 210 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 4, TOWNSHIP 25 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MARCH 11, 2013

SURVEY NO. 1616

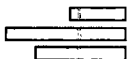
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341



Weatherford[®]

Drilling Services

Proposal



devon

ODIE 4 STATE #1H

EDDY COUNTY, NM

WELL FILE: **PLAN 1**

APRIL 19, 2013

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

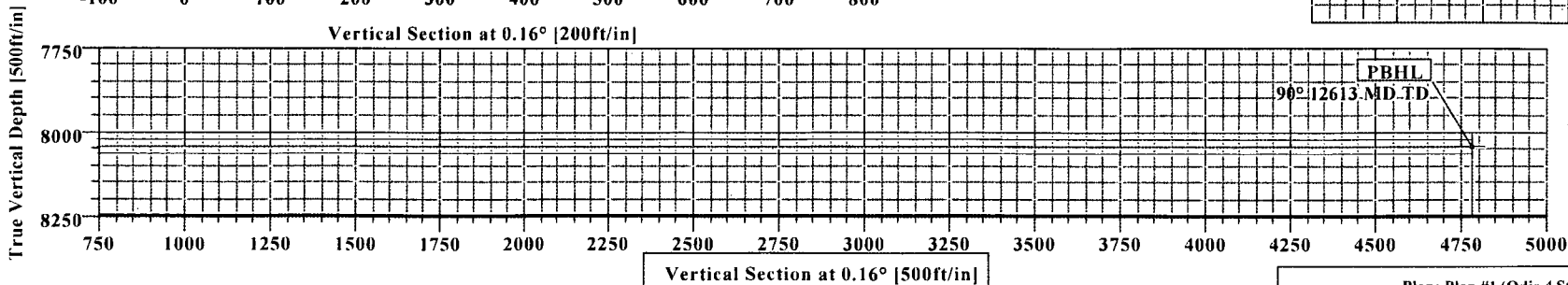
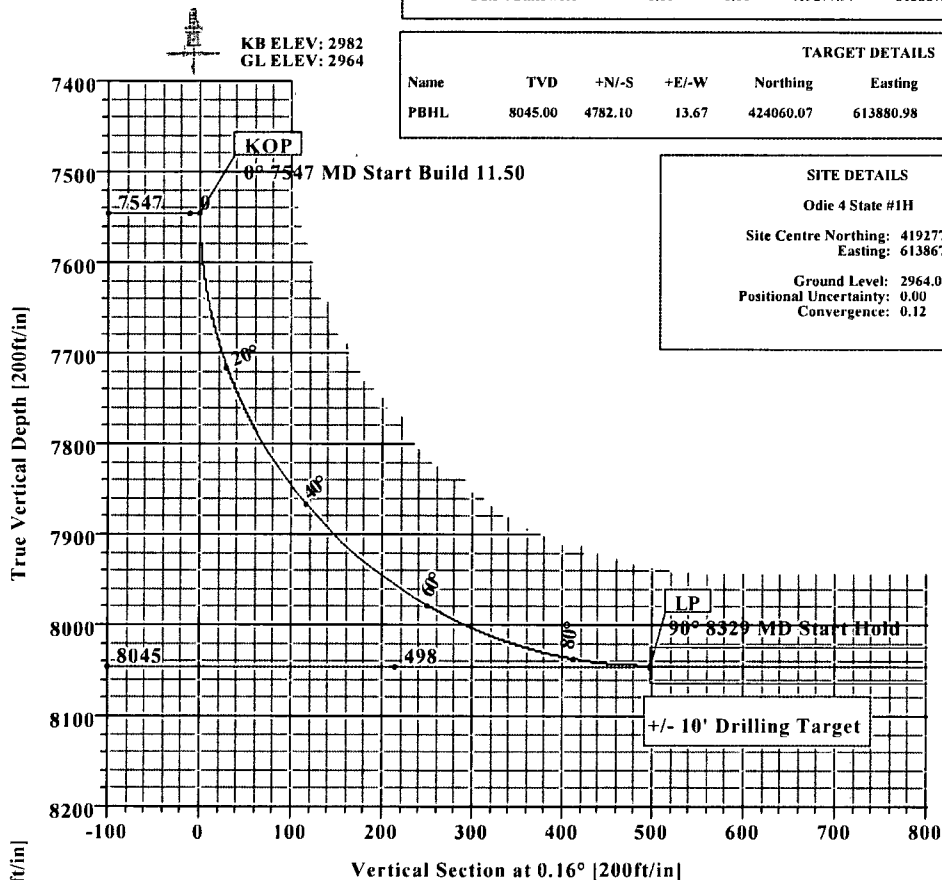
+1.432.561.8895 Fax

www.weatherford.com



Odie 4 State #1H
Eddy Co., New Mexico

KB ELEV: 2982
GL ELEV: 2964



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	
2	7546.78	0.00	0.16	7546.78	0.00	0.00	0.00	0.00	0.00	
3	8329.38	90.00	0.16	8045.00	498.22	1.42	11.50	0.16	498.22	
4	12613.28	90.00	0.16	8045.00	4782.10	13.67	0.00	0.00	4782.12	PBHL

WELL DETAILS

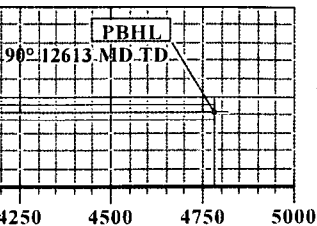
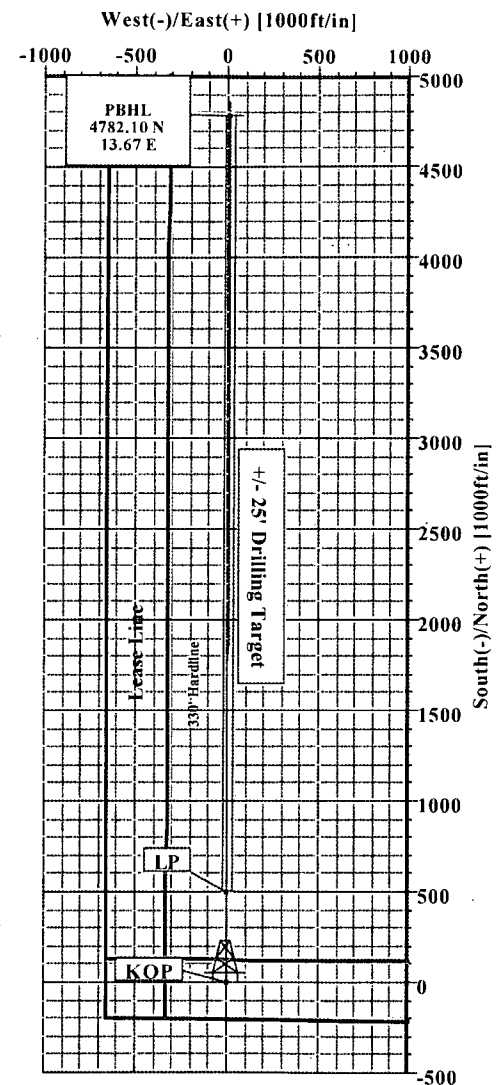
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Odie 4 State #1H	0.00	0.00	419277.97	613867.31	32°09'08.835N	104°05'56.302W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	8045.00	4782.10	13.67	424060.07	613880.98	32°09'56.159N	104°05'56.022W	Rectangle (4284x50)

SITE DETAILS

Odie 4 State #1H
Site Centre Northing: 419277.97
Easting: 613867.31
Ground Level: 2964.00
Positional Uncertainty: 0.00
Convergence: 0.12



Plan: Plan #1 (Odie 4 State #1H/1)
Created By: Russell W. Joyner
Date: 4/19/2013



Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Odie 4 State #1H
Well: Odie 4 State #1H
Wellpath: 1

Date: 4/19/2013 Time: 11:44:50 Page: 1
Co-ordinate(NE) Reference: Well: Odie 4 State #1H, Grid North
Vertical (TVD) Reference: SITE 2982.0
Section (VS) Reference: Well (0.00N,0.00E,0.16Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #1

Date Composed: 4/19/2013

Principal: Yes

Version: 1

Tied-to: From Surface

Site: Odie 4 State #1H

Site Position: Northing: 419277.97 ft Latitude: 32 9 8.835 N
From: Map Easting: 613867.31 ft Longitude: 104 5 56.302 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 2964.00 ft Grid Convergence: 0.12 deg

Well: Odie 4 State #1H

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 419277.97 ft Latitude: 32 9 8.835 N
+E/-W 0.00 ft Easting: 613867.31 ft Longitude: 104 5 56.302 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Drilled From: Surface

Current Datum: SITE Height 2982.00 ft Tie-on Depth: 0.00 ft
Magnetic Data: 12/15/2013 Above System Datum: Mean Sea Level
Field Strength: 48291 nT Declination: 7.52 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Mag Dip Angle: 59.97 deg
ft ft ft Direction
deg

0.00

0.00

0.00

0.16

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7546.78	0.00	0.16	7546.78	0.00	0.00	0.00	0.00	0.00	0.00	
8329.38	90.00	0.16	8045.00	498.22	1.42	11.50	11.50	0.00	0.16	
12613.28	90.00	0.16	8045.00	4782.10	13.67	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
7500.00	0.00	0.16	7500.00	0.00	0.00	0.00	0.00	419277.97	613867.31	KOP
7546.78	0.00	0.16	7546.78	0.00	0.00	0.00	0.00	419277.97	613867.31	
7600.00	6.12	0.16	7599.90	2.84	0.01	2.84	11.50	419280.81	613867.32	
7700.00	17.62	0.16	7697.60	23.38	0.07	23.38	11.50	419301.35	613867.38	
7800.00	29.12	0.16	7789.24	62.98	0.18	62.98	11.50	419340.95	613867.49	
7900.00	40.62	0.16	7871.14	120.05	0.34	120.05	11.50	419398.02	613867.65	LP
8000.00	52.12	0.16	7940.03	192.31	0.55	192.32	11.50	419470.28	613867.86	
8100.00	63.62	0.16	7993.12	276.86	0.79	276.86	11.50	419554.83	613868.10	
8200.00	75.12	0.16	8028.29	370.29	1.06	370.29	11.50	419648.26	613868.37	
8300.00	86.62	0.16	8044.13	468.85	1.34	468.86	11.50	419746.82	613868.65	
8329.38	90.00	0.16	8045.00	498.22	1.42	498.22	11.50	419776.19	613868.73	
8400.00	90.00	0.16	8045.00	568.84	1.63	568.84	0.00	419846.81	613868.94	
8500.00	90.00	0.16	8045.00	668.84	1.91	668.84	0.00	419946.81	613869.22	
8600.00	90.00	0.16	8045.00	768.84	2.20	768.84	0.00	420046.81	613869.51	
8700.00	90.00	0.16	8045.00	868.84	2.48	868.84	0.00	420146.81	613869.79	
8800.00	90.00	0.16	8045.00	968.84	2.77	968.84	0.00	420246.81	613870.08	
8900.00	90.00	0.16	8045.00	1068.84	3.06	1068.84	0.00	420346.81	613870.37	
9000.00	90.00	0.16	8045.00	1168.83	3.34	1168.84	0.00	420446.80	613870.65	
9100.00	90.00	0.16	8045.00	1268.83	3.63	1268.84	0.00	420546.80	613870.94	
9200.00	90.00	0.16	8045.00	1368.83	3.91	1368.84	0.00	420646.80	613871.22	
9300.00	90.00	0.16	8045.00	1468.83	4.20	1468.84	0.00	420746.80	613871.51	
9400.00	90.00	0.16	8045.00	1568.83	4.48	1568.84	0.00	420846.80	613871.79	
9500.00	90.00	0.16	8045.00	1668.83	4.77	1668.84	0.00	420946.80	613872.08	



Weatherford

Wft Plan Report X Y's.

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Odie 4 State #1H
Well: Odie 4 State #1H
Wellpath: 1

Date: 4/19/2013 Time: 11:44:50 Page: 2
Co-ordinate(NE) Reference: Well: Odie 4 State #1H, Grid North
Vertical (TVD) Reference: SITE 2982.0
Section (VS) Reference: Well: (0.00N,0.00E,0.16Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
9600.00	90.00	0.16	8045.00	1768.83	5.06	1768.84	0.00	421046.80	613872.37	
9700.00	90.00	0.16	8045.00	1868.83	5.34	1868.84	0.00	421146.80	613872.65	
9800.00	90.00	0.16	8045.00	1968.83	5.63	1968.84	0.00	421246.80	613872.94	
9900.00	90.00	0.16	8045.00	2068.83	5.91	2068.84	0.00	421346.80	613873.22	
10000.00	90.00	0.16	8045.00	2168.83	6.20	2168.84	0.00	421446.80	613873.51	
10100.00	90.00	0.16	8045.00	2268.83	6.49	2268.84	0.00	421546.80	613873.80	
10200.00	90.00	0.16	8045.00	2368.83	6.77	2368.84	0.00	421646.80	613874.08	
10300.00	90.00	0.16	8045.00	2468.83	7.06	2468.84	0.00	421746.80	613874.37	
10400.00	90.00	0.16	8045.00	2568.83	7.34	2568.84	0.00	421846.80	613874.65	
10500.00	90.00	0.16	8045.00	2668.83	7.63	2668.84	0.00	421946.80	613874.94	
10600.00	90.00	0.16	8045.00	2768.83	7.91	2768.84	0.00	422046.80	613875.22	
10700.00	90.00	0.16	8045.00	2868.83	8.20	2868.84	0.00	422146.80	613875.51	
10800.00	90.00	0.16	8045.00	2968.83	8.49	2968.84	0.00	422246.80	613875.80	
10900.00	90.00	0.16	8045.00	3068.83	8.77	3068.84	0.00	422346.80	613876.08	
11000.00	90.00	0.16	8045.00	3168.83	9.06	3168.84	0.00	422446.80	613876.37	
11100.00	90.00	0.16	8045.00	3268.83	9.34	3268.84	0.00	422546.80	613876.65	
11200.00	90.00	0.16	8045.00	3368.83	9.63	3368.84	0.00	422646.80	613876.94	
11300.00	90.00	0.16	8045.00	3468.83	9.92	3468.84	0.00	422746.80	613877.23	
11400.00	90.00	0.16	8045.00	3568.83	10.20	3568.84	0.00	422846.80	613877.51	
11500.00	90.00	0.16	8045.00	3668.82	10.49	3668.84	0.00	422946.79	613877.80	
11600.00	90.00	0.16	8045.00	3768.82	10.77	3768.84	0.00	423046.79	613878.08	
11700.00	90.00	0.16	8045.00	3868.82	11.06	3868.84	0.00	423146.79	613878.37	
11800.00	90.00	0.16	8045.00	3968.82	11.35	3968.84	0.00	423246.79	613878.66	
11900.00	90.00	0.16	8045.00	4068.82	11.63	4068.84	0.00	423346.79	613878.94	
12000.00	90.00	0.16	8045.00	4168.82	11.92	4168.84	0.00	423446.79	613879.23	
12100.00	90.00	0.16	8045.00	4268.82	12.20	4268.84	0.00	423546.79	613879.51	
12200.00	90.00	0.16	8045.00	4368.82	12.49	4368.84	0.00	423646.79	613879.80	
12300.00	90.00	0.16	8045.00	4468.82	12.77	4468.84	0.00	423746.79	613880.08	
12400.00	90.00	0.16	8045.00	4568.82	13.06	4568.84	0.00	423846.79	613880.37	
12500.00	90.00	0.16	8045.00	4668.82	13.35	4668.84	0.00	423946.79	613880.66	
12600.00	90.00	0.16	8045.00	4768.82	13.63	4768.84	0.00	424046.79	613880.94	
12613.28	90.00	0.16	8045.00	4782.10	13.67	4782.12	0.00	424060.07	613880.98	PBHL

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->				
	Dip.							Deg	Min	Sec	Deg	Min	Sec		
PBHL			8045.00	4782.10	13.67	424060.07	613880.98	32	9	56.159	N	104	5	56.022	W
-Rectangle (4284x50)															

Casing Points

MD	TVD	Diameter	Hole Size	Name

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction



Weatherford

Wft Plan Report X Y's.



Company: Devon Energy	Date: 4/19/2013	Time: 11:44:50	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(NE) Reference: Well: Odie 4 State #1H, Grid North		
Site: Odie 4 State #1H	Vertical (TVD) Reference: SITE 2982.0		
Well: Odie 4 State #1H	Section (VS) Reference: Well (0.00N,0.00E,0.16Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature		Db: Sybase

Annotation

MD ft	TVD ft	
7546.78	7546.78	KOP
8329.38	8045.00	LP
12613.27	8045.00	PBHL

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: April 19, 2013
Job Number: _____
Customer: Devon Energy
Well Name: Odie 4 State #1H
API Number: _____
Rig Name: _____
Location: Eddy Co., NM (NAD 83)
Block: _____
Engineer: RWJ

US State Plane 1983	Geodetic Latitude / Longitude
System: New Mexico Eastern Zone	System: Latitude / Longitude
Projection: Transverse Mercator/Gauss Kruger	Projection: Geodetic Latitude and Longitude
Datum: North American Datum 1983	Datum: North American Datum 1983
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
North/South 419277.970 USFT	Latitude 32.1524566 DEG
East/West 613867.310 USFT	Longitude -104.0989689 DEG
Grid Convergence: .12°	
Total Correction: +7.51°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.15246° N	32° 9 min 8.844 sec
Longitude =	104.09897° W	104° 5 min 56.288 sec

Magnetic Declination =	7.63°	[True North Offset]
Local Gravity =	.9988 g	Checksum = 6696
Local Field Strength =	48242 nT	Magnetic Vector X = 23969 nT
Magnetic Dip =	59.91°	Magnetic Vector Y = 3210 nT
Magnetic Model =	bggm2012	Magnetic Vector Z = 41742 nT
Spud Date =	Dec 15, 2013	Magnetic Vector H = 24183 nT

Signed: _____

Date: _____

Permit Conditions of Approval

API: 30-015-41311

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement, the water protection string