

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brozos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-402
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40165	Pool Code 60660	Pool Name Turkey Track Bone Spring
Property Code	Property Name TURKEY TRACK "3" STATE	Well Number 34H
OGRID No. 192463	Operator Name OXY USA WTP LP	Elevation 3401.8'

Surface Location

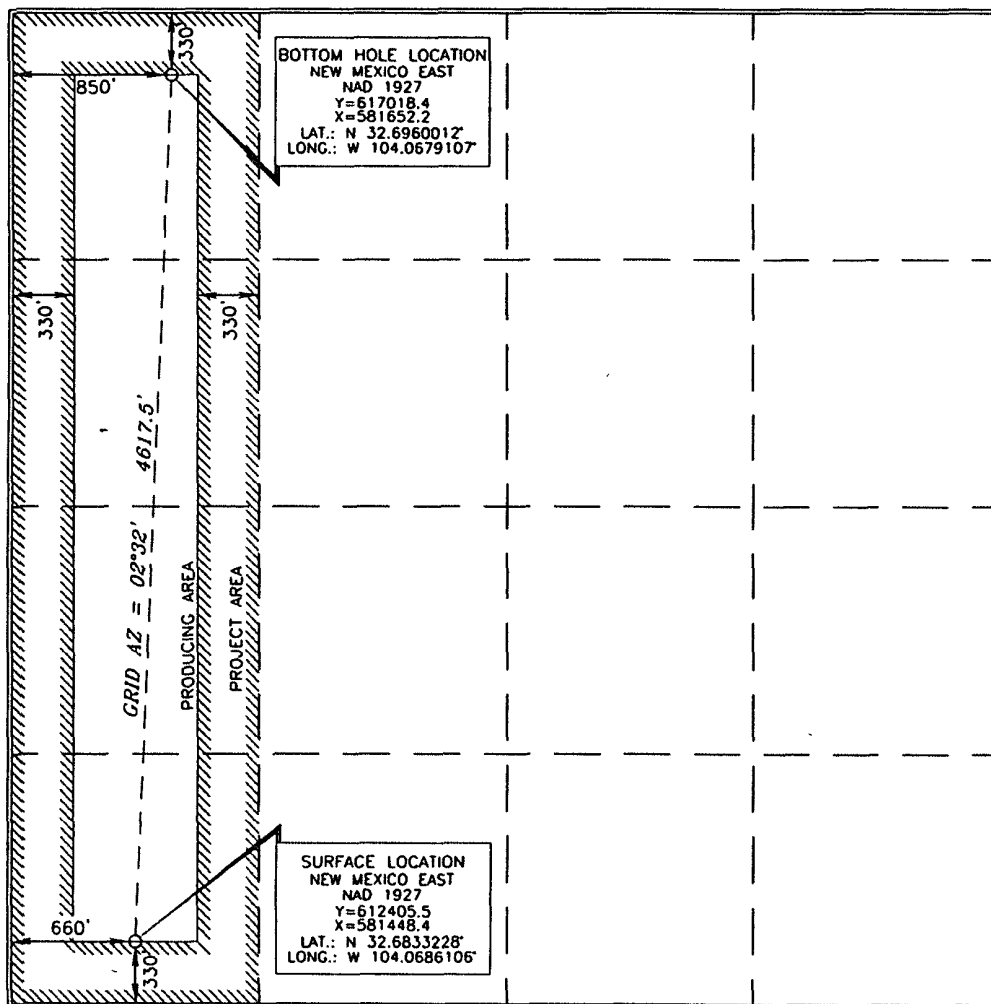
UL or lot no. M	Section 3	Township 19 SOUTH	Range 29 EAST, N.M.P.M.	Lot Idn	Feet from the 330'	North/South line SOUTH	Feet from the 660'	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot no. D	Section 3	Township 19 SOUTH	Range 29 EAST, N.M.P.M.	Lot Idn	Feet from the 330'	North/South line NORTH	Feet from the 850'	East/West line WEST	County EDDY
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Dedicated Acres 160	Joint or Infill N	Consolidation Code	Order No.
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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.



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] 4/12/12
Signature Date

Dwight Stewart - Pres. A.D.O.
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

15079
OCTOBER 7, 2011
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

11/16/2012
Certificate Number 15079

WO# 111007WL-e (KA)

Operator Name/Number: **OXY USA WTP Limited Partnership** 192463
 Lease Name/Number: **Turkey Track 3 State #34H** State Lease No. BO-8867
 Pool Name/Number: **Turkey Track Bone Spring** 60660
 Surface Location: **330 FSL 660 FWL M Sec 3 T19S R29E**
 Bottom Hole Location: **330 FNL 850 FWL D Sec 3 T19S R29E**

C-102 Plats: 10/7/11 1/16/12 3/2/12 Elevation: 3401.8' GL

Proposed TD: 7850' TVD 12160' TMD
 SL - Lat:32.6833228 Long:104.0686106 X=581448.4 Y=612405.5 NAD - 1927
 BH - Lat:32.6960012 Long: 104.0679107 X=581652.2 Y=617018.4 NAD - 1927

Casing Program:

Hole Size	Interval	OD Csg	Weight	Collar	Grade	Condition	Collapse Design Factor	Burst Design Factor	Tension Design Factor
17-1/2"	305'	13-3/8"	48	ST&C	H-40	New	7.5	16.84	21.99
				Hole filled with 8.9# Mud			770#	1730#	
12-1/4"	3200'	9-5/8"	40	LT&C	J-55	New	1.5	2.62	3.93
				Hole filled with 10.0# Mud			2570#	3950#	
8-3/4"	12160'	5-1/2"	17	LT&C	N-80	New	2.28	2.81	1.67
				Hole filled with 9.2# Mud			6280#	7740#	

Collapse and burst loads calculated using Stress Check with anticipated loads

Cement Program:

- 13-3/8" Surface Circulate cement to surface w/ 430sx PP cmt w/ 2% CaCl₂, 14.8ppg 1.35 yield 1400# 24hr CS 150% Excess
- 9-5/8" Intermediate Circulate cement to surface w/ 950sx HES light PP cmt w/ 5% Salt + 5#/sx Kol-Seal + .5% Halad-344 + 1% CaCl₂ + .125#/sx Poly-E-Flake, 12.9ppg 1.87 yield 840# 24hr CS 125% Excess followed by 300sx PP cmt w/ .5% WellLife-734, 14.8ppg 1.33 yield 1343# 24hr CS 125% Excess
- 5-1/2" Production Cement w/ 710sx IFH cmt w/ 5#/sx Kol-Seal + .5% Halad R-322 + .3% HR-601, 11.9ppg 2.49 yield 390# 24hr CS 70% Excess followed by 1040sx Super H cmt w/ 0.5 Halad 344 + 3#/sx salt + 0.4% CFR.3 + 5#/sx Kol Seal + .3% HR-601, 13.2ppg 1.68 yield 1536# 24hr CS 50% Excess. Calc TOC 2700'

Proposed Mud Circulation System:

Depth	Mud Wt. ppg	Visc sec	Fluid Loss	Type System
0 - 305'	8.4-8.9	32-34	NC	Fresh Water/Spud Mud
305 - 3200'	9.8-10.0	28-29	NC	Brine Water
3200 - 7200'	8.6-8.8	28-29	NC	Fresh Water
7200 - TD	9.0-9.2	50-50	8-15	LSND

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times.

BOP Program:

Surface None
 Intermediate/Production 13-5/8" 10M two ram stack w/ 5M annular preventer, 10M Choke Manifold

Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

Geological Marker	Depth	Type	Source
a. Rustler	280'	Formation	Drilling
b. Top Salt	359'	Formation	IHS
c. Bottom Salt	985'	Formation	Drilling
d. Queen	2123'	Oil/Gas	IHS
e. Grayburg	2429'	Oil/Gas	IHS
f. San Andres	2907'	Oil/Gas	IHS
g. Delaware	3050'	Oil/Gas	Drilling
h. Bone Springs	4130'	Oil/Gas	Drilling
i. 1st Bone Spring	6900'	Oil/Gas	Drilling
j. 2nd Bone Springs	7675'	Oil/Gas	Drilling



Turkey Track 3 State 34H Eddy Co, NM

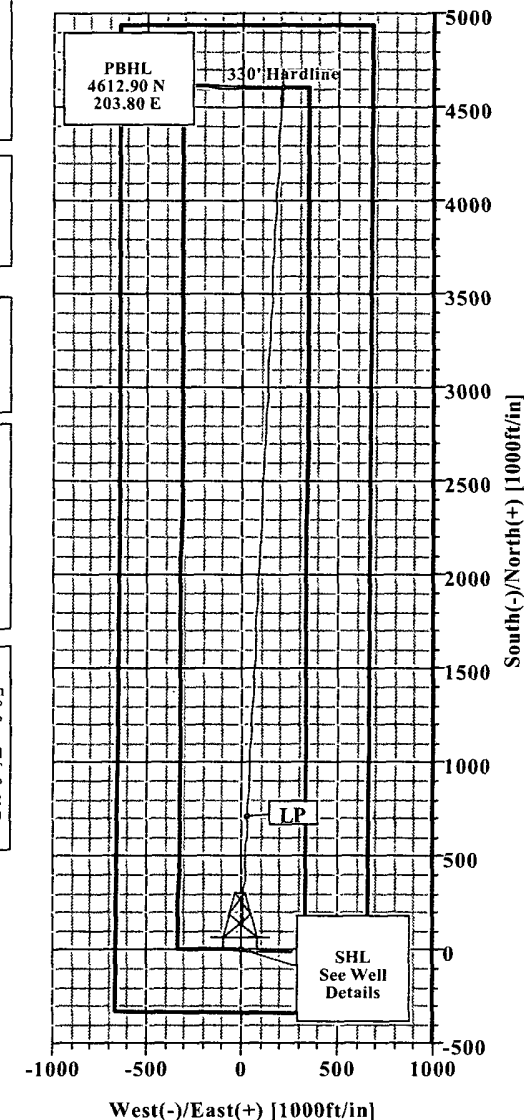
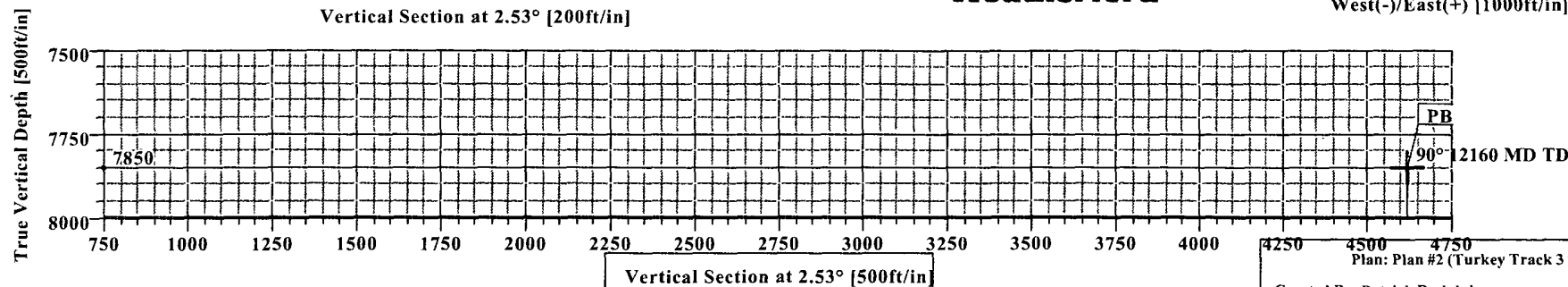
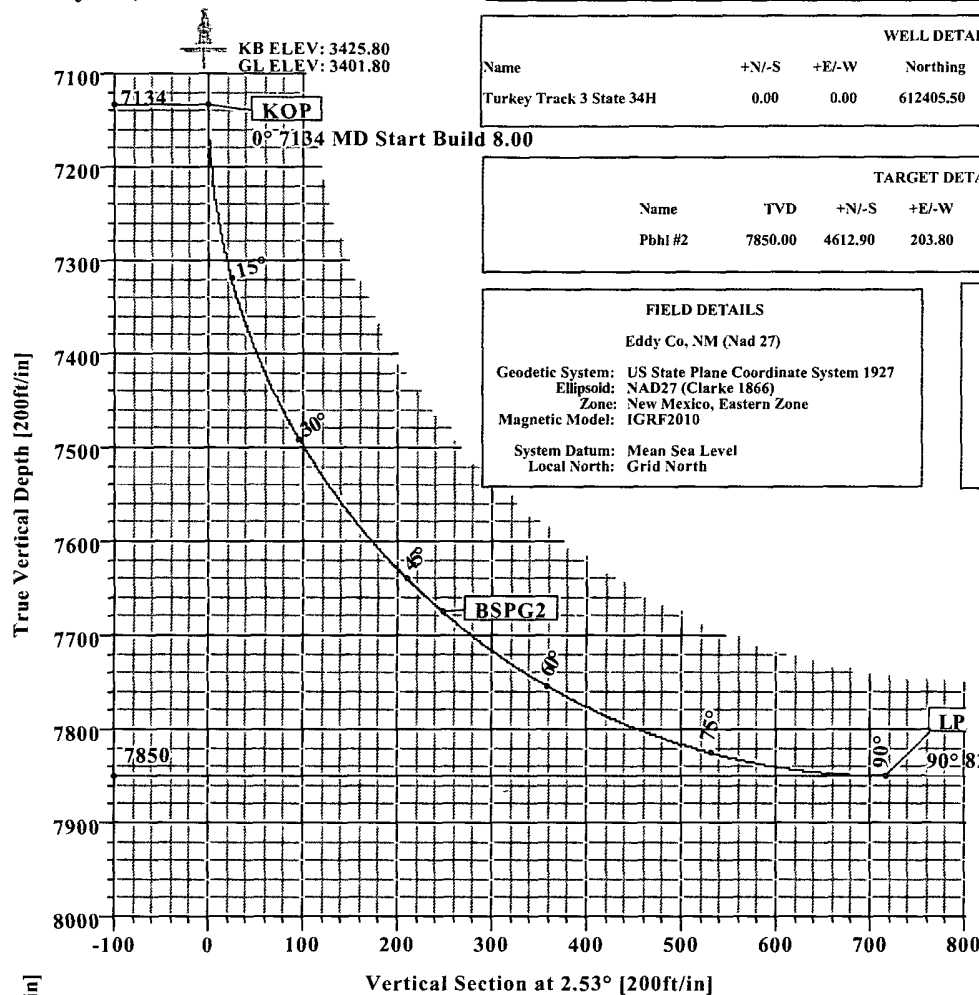
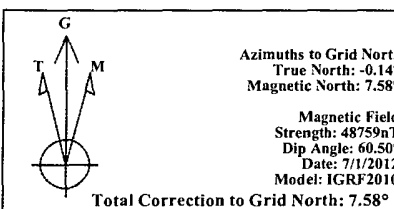
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	2.53	0.00	0.00	0.00	0.00	0.00	0.00	
2	7133.80	0.00	2.53	7133.80	0.00	0.00	0.00	0.00	0.00	
3	8258.80	90.00	2.53	7850.00	715.50	31.61	8.00	2.53	716.20	
4	12160.01	90.00	2.53	7850.00	4612.90	203.80	0.00	0.00	4617.40	Pbhl #2

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Turkey Track 3 State 34H	0.00	0.00	612405.50	581448.40	32°40'59.962N	104°04'06.998W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl #2	7850.00	4612.90	203.80	617018.40	581652.20	Point

FIELD DETAILS
Eddy Co, NM (Nad 27)
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS
Turkey Track 3 State 34H
Site Centre Northing: 612405.50
Easting: 581448.40
Ground Level: 3401.80
Positional Uncertainty: 0.00
Convergence: 0.14





Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 2/22/2012	Time: 11:06:42	Page: 1
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: Turkey Track 3 State 34H		
Site: Turkey Track 3 State 34H	Vertical (TVD) Reference: SITE 3425.8		
Well: Turkey Track 3 State 34H	Section (VS) Reference: Well (0.00N,0.00E;2.53Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #2	Date Composed: 2/22/2012
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Eddy Co, NM (Nad 27)

Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: IGRF2010

Site: Turkey Track 3 State 34H

Site Position:	Northing: 612405.50 ft	Latitude: 32 40 59.962 N
From: Map	Easting: 581448.40 ft	Longitude: 104 4 6.998 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3401.80 ft		Grid Convergence: 0.14 deg

Well: Turkey Track 3 State 34H

Well Position:	+N/-S 0.00 ft	Northing: 612405.50 ft	Latitude: 32 40 59.962 N
	+E/-W 0.00 ft	Easting: 581448.40 ft	Longitude: 104 4 6.998 W
Position Uncertainty: 0.00 ft			

Wellpath: 1

Current Datum: SITE	Height 3425.80 ft	Drilled From: Surface
Magnetic Data: 7/1/2012		Tie-on Depth: 0.00 ft
Field Strength: 48759 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 7.72 deg
	+N/-S ft	Mag Dip Angle: 60.50 deg
		+E/-W ft
		Direction deg
7850.00	0.00	0.00 2.53

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	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7133.80	0.00	2.53	7133.80	0.00	0.00	0.00	0.00	0.00	0.00	
8258.80	90.00	2.53	7850.00	715.50	31.61	8.00	8.00	0.00	2.53	
12160.01	90.00	2.53	7850.00	4612.90	203.80	0.00	0.00	0.00	0.00	Pbhl #2

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
7100.00	0.00	2.53	7100.00	0.00	0.00	0.00	0.00	612405.50	581448.40	
7133.80	0.00	2.53	7133.80	0.00	0.00	0.00	0.00	612405.50	581448.40	KOP
7150.00	1.30	2.53	7150.00	0.18	0.01	0.18	8.00	612405.68	581448.41	
7200.00	5.30	2.53	7199.91	3.05	0.13	3.06	8.00	612408.55	581448.53	
7250.00	9.30	2.53	7249.49	9.40	0.42	9.41	8.00	612414.90	581448.82	
7300.00	13.30	2.53	7298.51	19.18	0.85	19.20	8.00	612424.68	581449.25	
7350.00	17.30	2.53	7346.73	32.35	1.43	32.38	8.00	612437.85	581449.83	
7400.00	21.30	2.53	7393.91	48.86	2.16	48.90	8.00	612454.36	581450.56	
7450.00	25.30	2.53	7439.83	68.61	3.03	68.67	8.00	612474.11	581451.43	
7500.00	29.30	2.53	7484.25	91.51	4.04	91.60	8.00	612497.01	581452.44	
7550.00	33.30	2.53	7526.97	117.45	5.19	117.57	8.00	612522.95	581453.59	
7600.00	37.30	2.53	7567.77	146.31	6.46	146.45	8.00	612551.81	581454.86	
7650.00	41.30	2.53	7606.45	177.94	7.86	178.11	8.00	612583.44	581456.26	
7700.00	45.30	2.53	7642.84	212.18	9.37	212.39	8.00	612617.68	581457.77	
7747.33	49.08	2.53	7675.00	246.87	10.91	247.11	8.00	612652.37	581459.31	BSPG2
7750.00	49.30	2.53	7676.74	248.88	11.00	249.13	8.00	612654.38	581459.40	
7800.00	53.30	2.53	7708.00	287.86	12.72	288.14	8.00	612693.36	581461.12	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd.
 Field: Eddy Co, NM (Nad 27)
 Site: Turkey Track 3 State 34H
 Well: Turkey Track 3 State 34H
 Wellpath: 1

Date: 2/22/2012
 Co-ordinate(NE) Reference: Well: Turkey Track 3 State 34H
 Vertical (TVD) Reference: SITE 3425.8
 Section (VS) Reference: Well (0.00N,0.00E,2.53Azi)
 Survey Calculation Method: Minimum Curvature

Time: 11:06:42
 Page: 2
 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
7850.00	57.30	2.53	7736.46	328.91	14.53	329.23	8.00	612734.41	581462.93	
7900.00	61.30	2.53	7761.99	371.85	16.43	372.22	8.00	612777.35	581464.83	
7950.00	65.30	2.53	7784.45	416.47	18.40	416.87	8.00	612821.97	581466.80	
8000.00	69.30	2.53	7803.75	462.54	20.44	462.99	8.00	612868.04	581468.84	
8050.00	73.30	2.53	7819.78	509.84	22.53	510.34	8.00	612915.34	581470.93	
8100.00	77.30	2.53	7832.47	558.15	24.66	558.69	8.00	612963.65	581473.06	
8150.00	81.30	2.53	7841.75	607.22	26.83	607.81	8.00	613012.72	581475.23	
8200.00	85.30	2.53	7847.59	656.82	29.02	657.46	8.00	613062.32	581477.42	
8250.00	89.30	2.53	7849.95	706.71	31.22	707.39	8.00	613112.21	581479.62	
8258.80	90.00	2.53	7850.00	715.50	31.61	716.20	8.00	613121.00	581480.01	LP
8300.00	90.00	2.53	7850.00	756.66	33.43	757.39	0.00	613162.16	581481.83	
8400.00	90.00	2.53	7850.00	856.56	37.84	857.39	0.00	613262.06	581486.24	
8500.00	90.00	2.53	7850.00	956.46	42.26	957.39	0.00	613361.96	581490.66	
8600.00	90.00	2.53	7850.00	1056.36	46.67	1057.39	0.00	613461.86	581495.07	
8700.00	90.00	2.53	7850.00	1156.27	51.08	1157.39	0.00	613561.77	581499.48	
8800.00	90.00	2.53	7850.00	1256.17	55.50	1257.39	0.00	613661.67	581503.90	
8900.00	90.00	2.53	7850.00	1356.07	59.91	1357.39	0.00	613761.57	581508.31	
9000.00	90.00	2.53	7850.00	1455.97	64.33	1457.39	0.00	613861.47	581512.73	
9100.00	90.00	2.53	7850.00	1555.88	68.74	1557.39	0.00	613961.38	581517.14	
9200.00	90.00	2.53	7850.00	1655.78	73.15	1657.39	0.00	614061.28	581521.55	
9300.00	90.00	2.53	7850.00	1755.68	77.57	1757.39	0.00	614161.18	581525.97	
9400.00	90.00	2.53	7850.00	1855.58	81.98	1857.39	0.00	614261.08	581530.38	
9500.00	90.00	2.53	7850.00	1955.49	86.39	1957.39	0.00	614360.99	581534.79	
9600.00	90.00	2.53	7850.00	2055.39	90.81	2057.39	0.00	614460.89	581539.21	
9700.00	90.00	2.53	7850.00	2155.29	95.22	2157.39	0.00	614560.79	581543.62	
9800.00	90.00	2.53	7850.00	2255.19	99.64	2257.39	0.00	614660.69	581548.04	
9900.00	90.00	2.53	7850.00	2355.10	104.05	2357.39	0.00	614760.60	581552.45	
10000.00	90.00	2.53	7850.00	2455.00	108.46	2457.39	0.00	614860.50	581556.86	
10100.00	90.00	2.53	7850.00	2554.90	112.88	2557.39	0.00	614960.40	581561.28	
10200.00	90.00	2.53	7850.00	2654.80	117.29	2657.39	0.00	615060.30	581565.69	
10300.00	90.00	2.53	7850.00	2754.71	121.70	2757.39	0.00	615160.21	581570.10	
10400.00	90.00	2.53	7850.00	2854.61	126.12	2857.39	0.00	615260.11	581574.52	
10500.00	90.00	2.53	7850.00	2954.51	130.53	2957.39	0.00	615360.01	581578.93	
10600.00	90.00	2.53	7850.00	3054.42	134.95	3057.39	0.00	615459.92	581583.35	
10700.00	90.00	2.53	7850.00	3154.32	139.36	3157.39	0.00	615559.82	581587.76	
10800.00	90.00	2.53	7850.00	3254.22	143.77	3257.39	0.00	615659.72	581592.17	
10900.00	90.00	2.53	7850.00	3354.12	148.19	3357.39	0.00	615759.62	581596.59	
11000.00	90.00	2.53	7850.00	3454.03	152.60	3457.39	0.00	615859.53	581601.00	
11100.00	90.00	2.53	7850.00	3553.93	157.01	3557.39	0.00	615959.43	581605.41	
11200.00	90.00	2.53	7850.00	3653.83	161.43	3657.39	0.00	616059.33	581609.83	
11300.00	90.00	2.53	7850.00	3753.73	165.84	3757.39	0.00	616159.23	581614.24	
11400.00	90.00	2.53	7850.00	3853.64	170.26	3857.39	0.00	616259.14	581618.66	
11500.00	90.00	2.53	7850.00	3953.54	174.67	3957.39	0.00	616359.04	581623.07	
11600.00	90.00	2.53	7850.00	4053.44	179.08	4057.39	0.00	616458.94	581627.48	
11700.00	90.00	2.53	7850.00	4153.34	183.50	4157.39	0.00	616558.84	581631.90	
11800.00	90.00	2.53	7850.00	4253.25	187.91	4257.39	0.00	616658.75	581636.31	
11900.00	90.00	2.53	7850.00	4353.15	192.32	4357.39	0.00	616758.65	581640.72	
12000.00	90.00	2.53	7850.00	4453.05	196.74	4457.39	0.00	616858.55	581645.14	
12100.00	90.00	2.53	7850.00	4552.95	201.15	4557.39	0.00	616958.45	581649.55	
12160.01	90.00	2.53	7850.00	4612.90	203.80	4617.40	0.00	617018.40	581652.20	Pbhl #2



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Occidental Permian Ltd. Date: 2/22/2012 Time: 11:06:42 Page: 3
Field: Eddy Co, NM (Nad 27) Co-ordinate(NE) Reference: Well: Turkey Track 3 State 34H
Site: Turkey Track 3 State 34H Vertical (TVD) Reference: SITE 3425.8
Well: Turkey Track 3 State 34H Section (VS) Reference: Well (0.00N,0.00E,2.53Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Pbhl #2		7850.00	4612.90	203.80	617018.40	581652.20	32	41	45.604 N	104	4	4.478 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
305.00	305.00	0.000	0.000	Csg
3100.00	3100.00	0.000	0.000	Csg

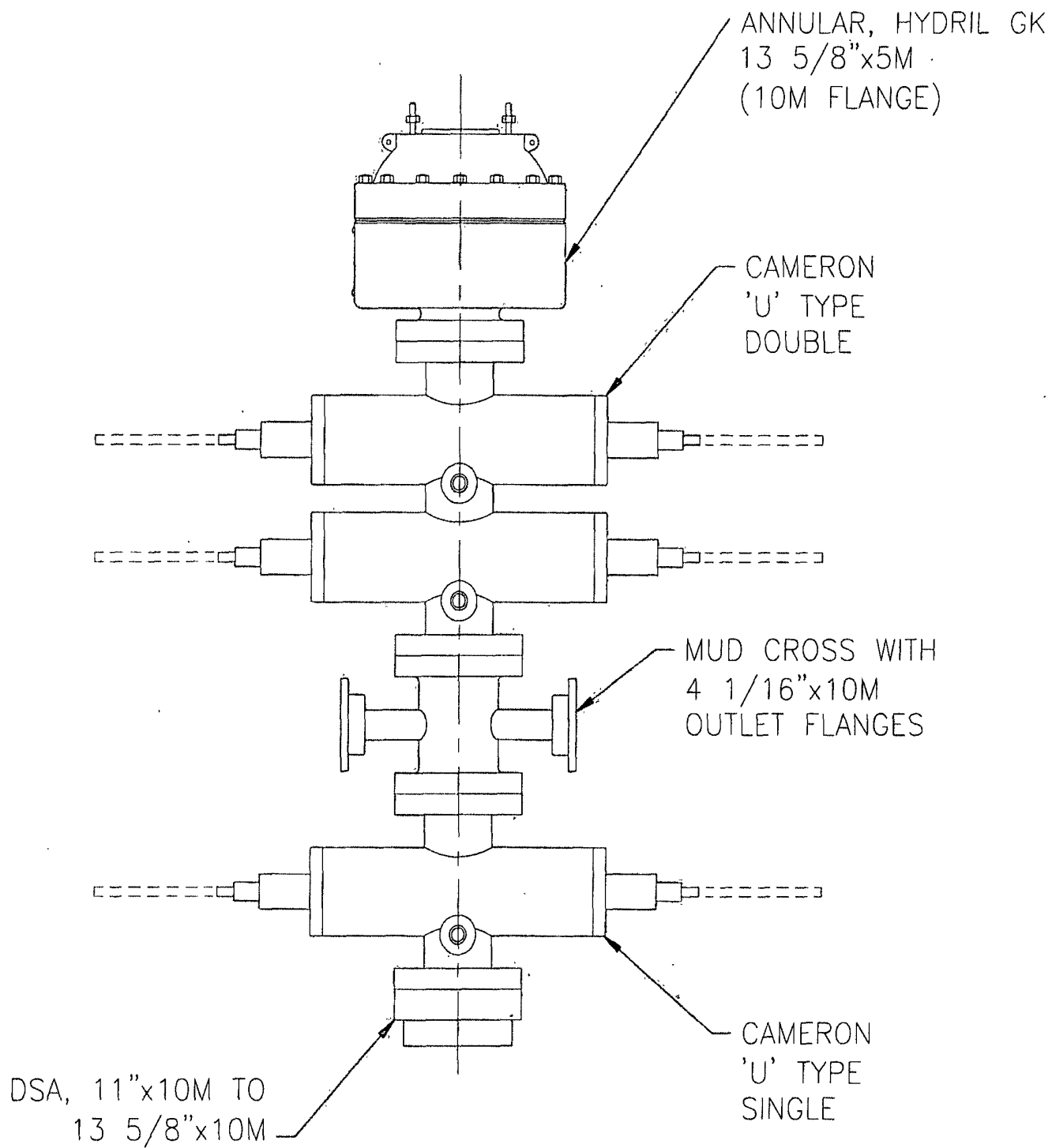
Annotation

MD ft	TVD ft	
7133.80	7133.80	KOP
8258.80	7850.00	LP
12160.00	7850.00	PBHL

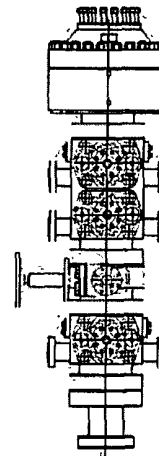
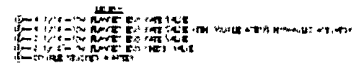
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1060.00	1060.00	Base Salt		0.00	0.00
3000.00	3000.00	Base Anhydrite		0.00	0.00
4130.00	4130.00	Bone Spring Limestone		0.00	0.00
6900.00	6900.00	BSPG1 Sand		0.00	0.00
7090.00	7090.00	Limestone		0.00	0.00
7747.33	7675.00	BSPG2		0.00	0.00
	0.00	BSPG2 Target Sand		0.00	0.00

BOP Diagram



BOP STACK



**ISSUED FOR
FABRICATION**
December 18, 2007
**DRAFTSMAN
ENGINEER**

$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt} = \frac{1}{2} m v \frac{dv}{dt}$
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HAMMERICH & PAYNE
INTERNATIONAL DRILLING CO.[illegible]

10M CHOKE MANIFOLD CONFIGURATION

