

Submittal Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr, Hobbs, NM 88240
District II - (575) 748-1283
811 S First St, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd, Aztec, NM 87410
District IV - (505) 476-3460
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-39651
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Roo 22 State
8. Well Number #2
9. OGRID Number 192463
10. Pool name or Wildcat Empire; Glorieta-Yeso (96210)

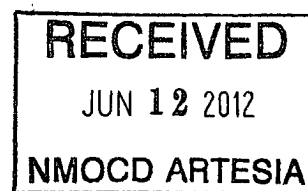
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator OXY USA WTP LIMITED PARTNERSHIP	
3. Address of Operator PO BOX 4294; HOUSTON, TX 77210	
4. Well Location Unit Letter <u>N</u> : <u>1218</u> feet from the <u>SOUTH</u> line and <u>1654</u> feet from the <u>WEST</u> line Section <u>22</u> Township <u>17S</u> Range <u>28E</u> NMPM EDDY County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3594.1'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA WTP LIMITED PARTNERSHIP respectfully request permission to change the directional drilling plan on the above mentioned locations. Attached is an update plat and directional plan for your review. Should you need any further information, please feel free to contact us at any time.



Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Duarte TITLE REGULATORY ANALYST DATE 06/11/2012

Type or print name JENNIFER DUARTE E-mail address: Jennifer_duarte@oxy.com PHONE: 713-513-6640
For State Use Only

APPROVED BY: T. C. Sigurd TITLE Geologist DATE 6/13/2012
Conditions of Approval (if any):

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos 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

RECEIVED

JUN 12 2012

NMOC DARTESIA

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39651	Pool Code 96210	Pool Name Empire; Glorieta-Yeso
Property Code 309603	Property Name ROO "22" STATE	Well Number 2
OGRID No 192463	Operator Name OXY USA W.T.P. Limited Partnership	Elevation 3594.1'

Surface Location

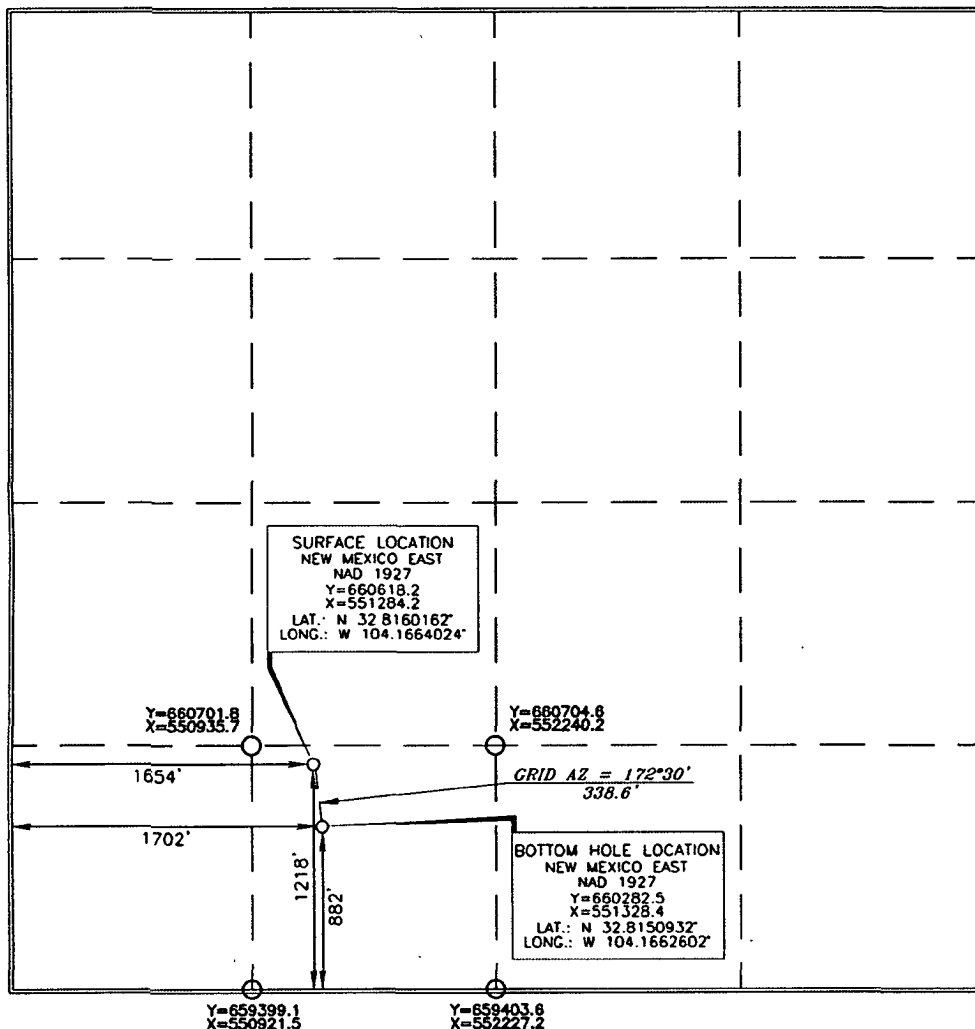
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	22	17 SOUTH	28 EAST, N.M.P.M.		1218'	SOUTH	1654'	WEST	EDDY

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
N	22	17 SOUTH	28 EAST, N.M.P.M.		882'	SOUTH	1702'	WEST	EDDY

Dedicated Acres	Joint or Infill	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.

Jennifer Duarte 6/11/12
Signature Date

Jennifer Duarte
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.

SEP 28 2011
Date of Survey

Signature and Seal of Professional Surveyor

Jerry J. Hall 5/23/2011
Certificate Number 15079

WO# 110928WL-1-XY (KA)



Weatherford

Drilling Services

Proposal



OCCIDENTAL PERMIAN LTD.

ROO 22 STATE 2

EDDY CO., NM

WELL FILE: **PLAN 1**

OCTOBER 6, 2011

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com



ROO 22 State 2 Eddy Co., NM

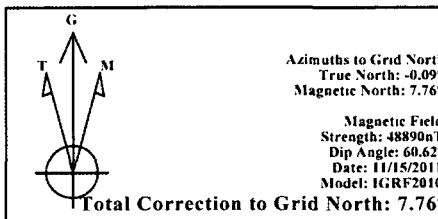
SECTION DETAILS										
Sec	MD	Inc	Aa	TVD	+N/-S	+E/-W	OLeg	TFace	VSec	Target
1	0.00	0.00	172.50	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	172.50	500.00	0.00	0.00	0.00	0.00	0.00	
3	710.74	4.21	172.50	710.55	-7.68	1.01	2.00	172.50	7.75	
4	5212.36	4.21	172.50	5200.00	-335.70	44.20	0.00	0.00	338.60	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
ROO 22 State 2	0.00	0.00	660618.20	551284.20	32°48'57.658N	104°09'59.049W	N/A

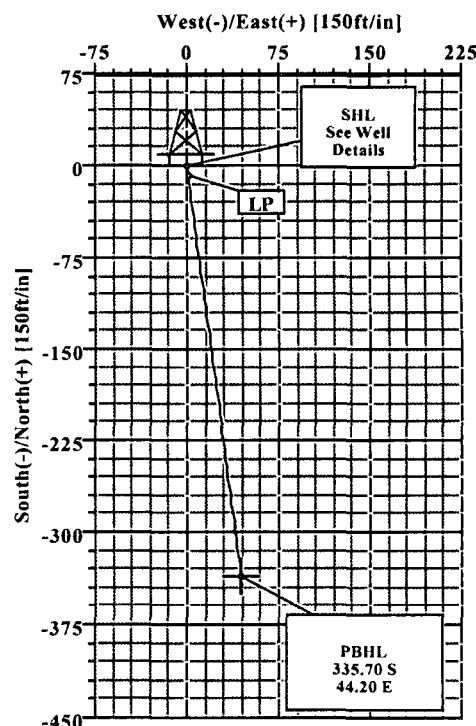
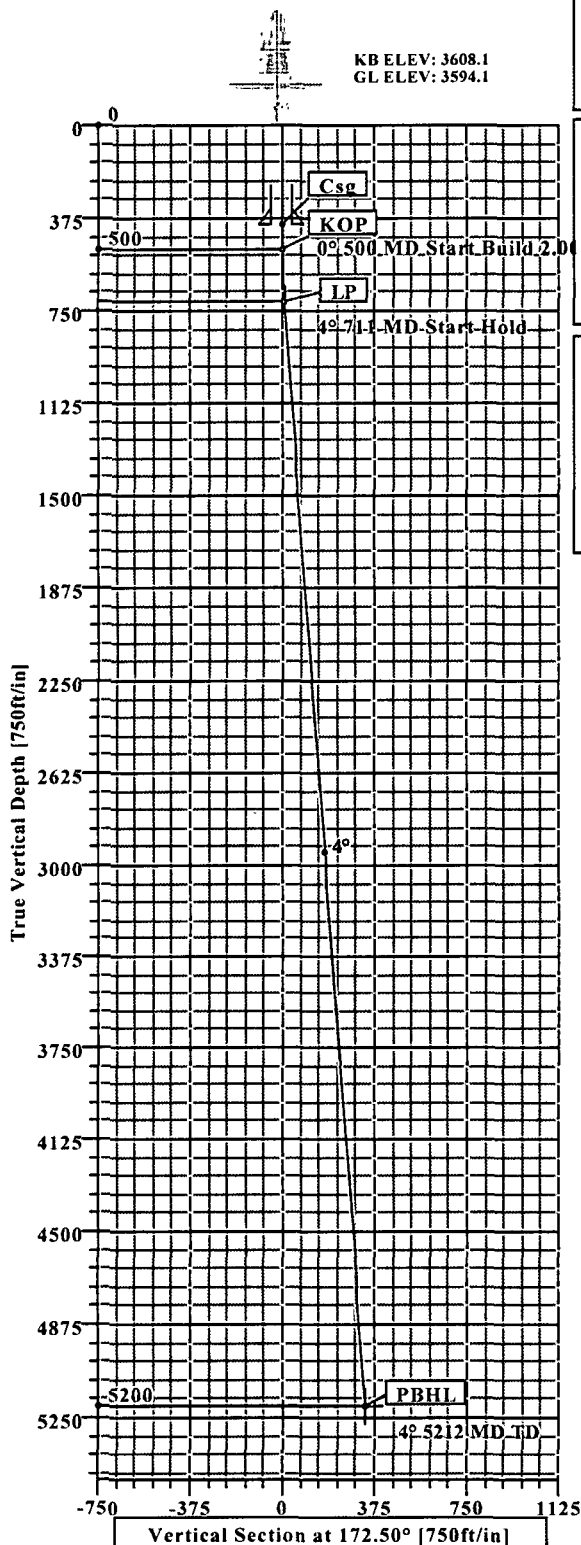
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	5200.00	-335.70	44.20	660282.50	551328.40	Point

FIELD DETAILS	
Eddy Co, NM (Nad 27)	
Geodetic System: U.S 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	
ROO 22 State 2	
Site Centre Northing:	660618.20
Site Centre Easting:	551284.20
Ground Level:	3594.10
Positional Uncertainty:	0.00
Convergence:	0.09



LEGEND	
	1
	Plan #1





Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 10/6/2011	Time: 11:20:16	Page: 1
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: ROO 22 State 2, Grnd North	
Site: ROO 22 State 2	Vertical (TVD) Reference:	SITE 3608.1	
Well: ROO 22 State 2	Section (VS) Reference:	Well (0 00N,0.00E,172 50Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Plan: Plan #1	Date Composed: 10/6/2011
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: ROO 22 State 2

Site Position:	Northing: 660618 20 ft	Latitude: 32 48 57.658 N
From: Map	Easting: 551284 20 ft	Longitude: 104 9 59.049 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3594.10 ft		Grid Convergence: 0.09 deg

Well: ROO 22 State 2	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 48 57.658 N
+E/-W 0.00 ft	Longitude: 104 9 59.049 W
Position Uncertainty: 0.00 ft	

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 11/15/2011	Above System Datum: Mean Sea Level
Field Strength: 48890 nT	Declination: 7.86 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.62 deg
ft	+E/-W Direction
	deg
5200.00	0.00
0.00	0.00
	172.50

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	172.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	172.50	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
710.74	4.21	172.50	710.55	-7.68	1.01	2.00	2.00	0.00	172.50	
5212.36	4.21	172.50	5200.00	-335.70	44.20	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
400.00	0.00	172.50	400.00	0.00	0.00	0.00	0.00	660618.20	551284.20	Csg
500.00	0.00	172.50	500.00	0.00	0.00	0.00	0.00	660618.20	551284.20	KOP
600.00	2.00	172.50	599.98	-1.73	0.23	1.75	2.00	660616.47	551284.43	
700.00	4.00	172.50	699.84	-6.92	0.91	6.98	2.00	660611.28	551285.11	
710.74	4.21	172.50	710.55	-7.68	1.01	7.75	2.00	660610.52	551285.21	LP
800.00	4.21	172.50	799.57	-14.19	1.87	14.31	0.00	660604.01	551286.07	
900.00	4.21	172.50	899.30	-21.47	2.83	21.66	0.00	660596.73	551287.03	
1000.00	4.21	172.50	999.03	-28.76	3.79	29.01	0.00	660589.44	551287.99	
1100.00	4.21	172.50	1098.76	-36.05	4.75	36.36	0.00	660582.15	551288.95	
1200.00	4.21	172.50	1198.49	-43.33	5.71	43.71	0.00	660574.87	551289.91	
1300.00	4.21	172.50	1298.22	-50.62	6.66	51.06	0.00	660567.58	551290.86	
1400.00	4.21	172.50	1397.95	-57.91	7.62	58.41	0.00	660560.29	551291.82	
1500.00	4.21	172.50	1497.68	-65.19	8.58	65.75	0.00	660553.01	551292.78	
1600.00	4.21	172.50	1597.41	-72.48	9.54	73.10	0.00	660545.72	551293.74	
1700.00	4.21	172.50	1697.13	-79.77	10.50	80.45	0.00	660538.43	551294.70	
1800.00	4.21	172.50	1796.86	-87.05	11.46	87.80	0.00	660531.15	551295.66	
1900.00	4.21	172.50	1896.59	-94.34	12.42	95.15	0.00	660523.86	551296.62	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd
Field: Eddy Co, NM (Nad 27)
Site: ROO 22 State 2
Well: ROO 22 State 2
Wellpath: 1

Date: 10/6/2011 Time: 11:20 16 Page: 2
Co-ordinate(NE) Reference: Well: ROO 22 State 2, Grid North
Vertical (TVD) Reference: SITE 3608.1
Section (VS) Reference: Well (0 00N,0.00E,172.50Azi)
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
2000.00	4.21	172.50	1996.32	-101.63	13.38	102.50	0.00	660516.57	551297.58	
2100.00	4.21	172.50	2096.05	-108.91	14.34	109.85	0.00	660509.29	551298.54	
2200.00	4.21	172.50	2195.78	-116.20	15.30	117.20	0.00	660502.00	551299.50	
2300.00	4.21	172.50	2295.51	-123.49	16.26	124.55	0.00	660494.71	551300.46	
2400.00	4.21	172.50	2395.24	-130.77	17.22	131.90	0.00	660487.43	551301.42	
2500.00	4.21	172.50	2494.97	-138.06	18.18	139.25	0.00	660480.14	551302.38	
2600.00	4.21	172.50	2594.70	-145.35	19.14	146.60	0.00	660472.85	551303.34	
2700.00	4.21	172.50	2694.43	-152.63	20.10	153.95	0.00	660465.57	551304.30	
2800.00	4.21	172.50	2794.16	-159.92	21.06	161.30	0.00	660458.28	551305.26	
2900.00	4.21	172.50	2893.89	-167.21	22.02	168.65	0.00	660450.99	551306.22	
3000.00	4.21	172.50	2993.62	-174.49	22.97	176.00	0.00	660443.71	551307.17	
3100.00	4.21	172.50	3093.35	-181.78	23.93	183.35	0.00	660436.42	551308.13	
3200.00	4.21	172.50	3193.08	-189.07	24.89	190.70	0.00	660429.13	551309.09	
3300.00	4.21	172.50	3292.81	-196.35	25.85	198.05	0.00	660421.85	551310.05	
3400.00	4.21	172.50	3392.54	-203.64	26.81	205.40	0.00	660414.56	551311.01	
3500.00	4.21	172.50	3492.27	-210.93	27.77	212.75	0.00	660407.27	551311.97	
3600.00	4.21	172.50	3592.00	-218.21	28.73	220.10	0.00	660399.99	551312.93	
3700.00	4.21	172.50	3691.73	-225.50	29.69	227.45	0.00	660392.70	551313.89	
3800.00	4.21	172.50	3791.46	-232.79	30.65	234.79	0.00	660385.41	551314.85	
3900.00	4.21	172.50	3891.18	-240.07	31.61	242.14	0.00	660378.13	551315.81	
4000.00	4.21	172.50	3990.91	-247.36	32.57	249.49	0.00	660370.84	551316.77	
4100.00	4.21	172.50	4090.64	-254.65	33.53	256.84	0.00	660363.55	551317.73	
4200.00	4.21	172.50	4190.37	-261.93	34.49	264.19	0.00	660356.27	551318.69	
4300.00	4.21	172.50	4290.10	-269.22	35.45	271.54	0.00	660348.98	551319.65	
4400.00	4.21	172.50	4389.83	-276.51	36.41	278.89	0.00	660341.69	551320.61	
4500.00	4.21	172.50	4489.56	-283.79	37.37	286.24	0.00	660334.41	551321.57	
4600.00	4.21	172.50	4589.29	-291.08	38.32	293.59	0.00	660327.12	551322.52	
4700.00	4.21	172.50	4689.02	-298.37	39.28	300.94	0.00	660319.83	551323.48	
4800.00	4.21	172.50	4788.75	-305.65	40.24	308.29	0.00	660312.55	551324.44	
4900.00	4.21	172.50	4888.48	-312.94	41.20	315.64	0.00	660305.26	551325.40	
5000.00	4.21	172.50	4988.21	-320.23	42.16	322.99	0.00	660297.97	551326.36	
5100.00	4.21	172.50	5087.94	-327.51	43.12	330.34	0.00	660290.69	551327.32	
5200.00	4.21	172.50	5187.67	-334.80	44.08	337.69	0.00	660283.40	551328.28	
5212.36	4.21	172.50	5200.00	-335.70	44.20	338.60	0.00	660282.50	551328.40	PBHL

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			5200.00	-335.70	44.20	660282.50	551328.40	32	48	54.335 N	104	9	58.537 W
-Plan hit target													

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
400.00	400.00	0.000	0.000	Csg



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: ROO 22 State 2
Well: ROO 22 State 2
Wellpath: 1

Date: 10/6/2011 Time: 11:20:16 Page: 3
Co-ordinate(NE) Reference: Well: ROO 22 State 2, Grid North
Vertical (TVD) Reference: SITE 3608.1
Section (VS) Reference: Well (0.00N,0.00E,172.50Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Annotation

MD ft	TVD ft	
500.00	500.00	KOP
710.74	710.55	LP
5212.36	5200.00	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

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

GeoDec v5.03

Report Date: October 06, 2011
Job Number: _____
Customer: Oxy
Well Name: ROO 22 State 2
API Number: _____
Rig Name: _____
Location: Eddy Co., NM (NAD 27)
Block: _____
Engineer: KRN

US State Plane 1927	Geodetic Latitude / Longitude
System: New Mexico East 3001 (NON-EXACT)	System: Latitude / Longitude
Projection: SPC27 Transverse Mercator	Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)	Datum: North American Datum 1983
Ellipsoid: Clarke 1866	Ellipsoid: GRS 1980
North/South 660618.200 USFT	Latitude 32.8161309 DEG
East/West 551284.200 USFT	Longitude -104.1669142 DEG
Grid Convergence: .09°	
Total Correction: +7.77°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.81613° N	32° 48 min 58.071 sec
Longitude =	104.16691° W	104° 10 min .891 sec

Magnetic Declination =	7.86°	[True North Offset]
Local Gravity =	.9989 g	Checksum = 6694
Local Field Strength =	48886 nT	Magnetic Vector X = 23758 nT
Magnetic Dip =	60.62°	Magnetic Vector Y = 3278 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42599 nT
Spud Date =	Nov 15, 2011	Magnetic Vector H = 23983 nT

Signed: _____

Date: _____