

Submit 1 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

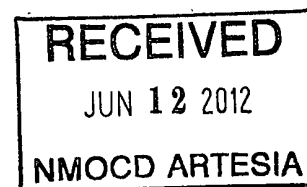
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-39370
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator OXY USA WTP LIMITED PARTNERSHIP		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 4294; HOUSTON, TX 77210		7. Lease Name or Unit Agreement Name Roo 22 State
4. Well Location Unit Letter <u>M</u> : <u>1290</u> feet from the <u>SOUTH</u> line and <u>1205</u> feet from the <u>WEST</u> line Section <u>22</u> Township <u>17S</u> Range <u>28E</u> NMPM EDDY County		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3592.8'		9. OGRID Number 192463
		10. Pool name or Wildcat Empire; Glorieta-Yeso (96210)

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. Shepard 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

Form C-102
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 30-015-39370	Pool Code 96210	Pool Name Empire; Gloriaeta-Yeso
Property Code 38782	Property Name ROO "22" STATE	Well Number 1
OGRID No. 116696	Operator Name OXY USA INC.	Elevation 3592.8'

Surface Location

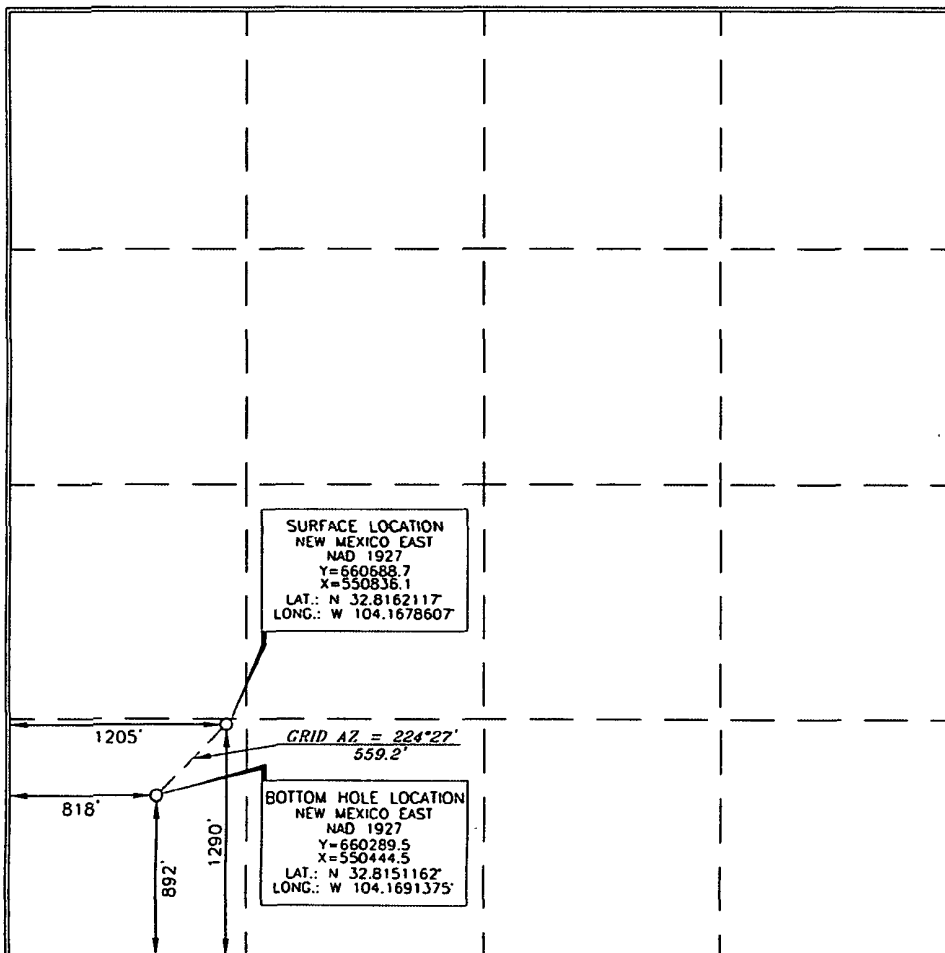
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	17 SOUTH	28 EAST, N.M.P.M.		1290'	SOUTH	1205'	WEST	EDDY

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
M	22	17 SOUTH	28 EAST, N.M.P.M.		892'	SOUTH	818'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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] 6/11/12
Signature Date
Jennifer Duane
Printed Name

SURVEYOR CERTIFICATION

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

15079
SEPTEMBER 28, 2011
Date of Survey
Signature and Seal of Professional Surveyor

[Signature]
Certificate Number **15079**

SUNDRY INFORMATION – ROO 22 STATE #1

OPERATOR NAME / NUMBER: OXY USA Inc

16696

LEASE NAME / NUMBER: Roo 22 State (D) # 1

Federal Lease No:

STATE: NM

COUNTY: Eddy

SURFACE LOCATION: 1290' FSL & 1205' FWL, Sec 22, T17S, R28E

BOTTOM HOLE LOCATION: 892' FSL & 818' FWL, Sec. 22, T17S, R28E

C-102 PLAT APPROX GR ELEV: 3592.8'

EST KB ELEV: 3606.8' (14' KB)

GREATEST PROJECTED TD 5248' MD / 5200' TVD

OBJECTIVE: Yeso

1. JUSTIFICATION

Due to surface obstacles, the surface location of the Roo 22 State #1, with API number 30-015-39370 needs to be moved to 1290' FSL and 1205' FWL of Section 22, Twp 17S, Rge 28E. Being this a directional well, the cement volumes and directional plan were changed. Attached to this document are the new plat and directional plan.

2. CASING PROGRAM CHANGES

Production Casing: 5.5" casing set at ± 5248' MD / 5200' TVD in a 8.75" hole filled with 10.00 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0' - 5248'	5248'	17	J-55	LT&C	4910	5320	247	4.89	4.77	2.25	2.44	2.78

Collapse and burst loads calculated using Stress Check with actual anticipated loads.

3. CEMENT PROGRAM CHANGES

Production Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Production (TOC: 0' - 5248')							
Lead: 0' - 3000 (150 % Excess)	940	3000	Halliburton Light Premium Plus with 5% Salt, 5 lb/sx Gilsonite and 0.125 lb/sx Poly_E_Flake (Lost circulation)	9.571	12.9	1.87	530 psi
Lead: 3000' - 5248 150 % Excess)	1160	2248'	50/50 Poz Premium Plus with 3% Salt, 0.4% Halad ®-322 (Low Fluid Loss Control) 0.125 lb/sx Poly E_Flake (Lost circulation)	5.638	14.5	1.24	980 psi

4. DIRECTIONAL PROGRAM CHANGES

See directional plan attached.



Weatherford[®]

Drilling Services

Proposal



OCCIDENTAL PERMIAN LTD.

ROO 22 STATE 1H

EDDY CO., NEW MEXICO

WELL FILE: **PLAN 2**

JUNE 11, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

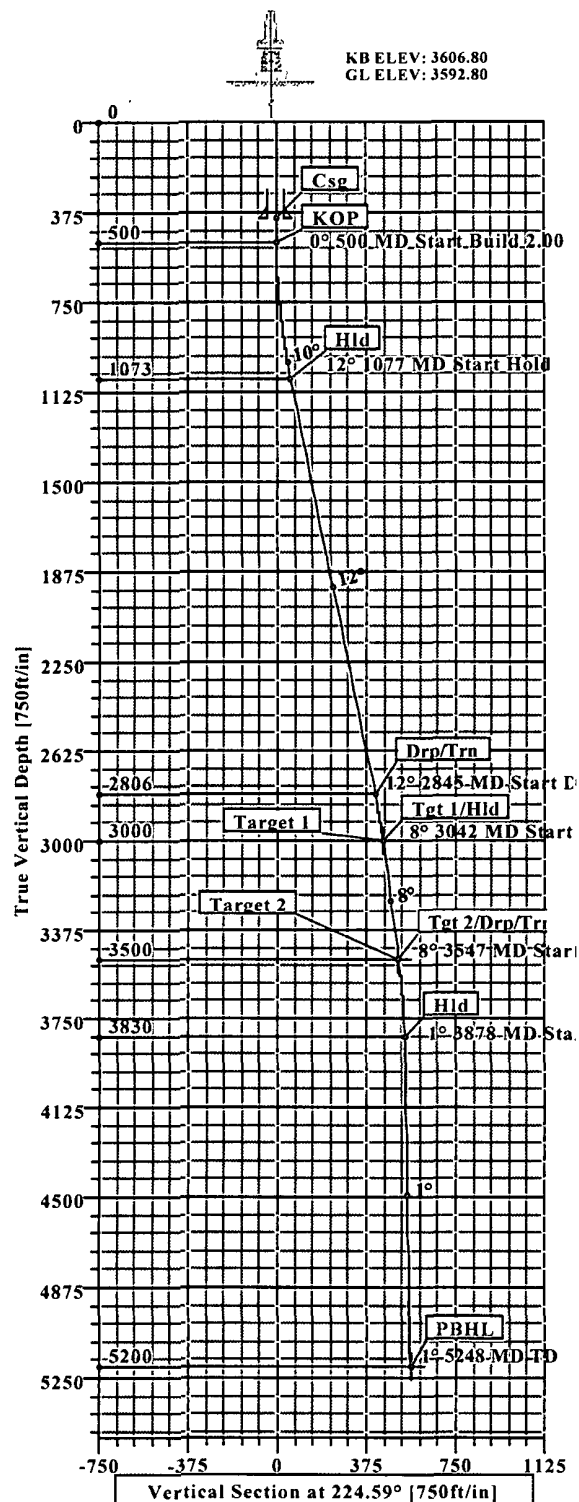
+1.432.561 8892 Main

+1.432.561.8895 Fax

www.weatherford.com



ROO 22 State 1 Eddy Co., NM



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
3	1077.03	11.54	223.82	1073.14	-41.79	-40.10	2.00	0.00	57.91	
4	2845.18	11.54	223.82	2805.54	-297.03	-285.02	0.00	0.00	411.62	
5	3042.42	7.60	224.33	3000.00	-320.60	-307.80	2.00	179.01	444.40	Target 1
6	3546.85	7.60	224.33	3500.00	-368.30	-354.40	0.00	0.00	511.08	Target 2
7	3877.97	0.99	235.18	3830.01	-385.62	-372.07	2.00	178.38	535.82	
8	5248.17	0.99	235.18	5200.00	-399.20	-391.60	0.00	0.00	559.20	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
ROO 22 State 1	0.00	0.00	660688.70	550836.10	32°48'58.362N	104°10'04.298W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Target 1	3000.00	-320.60	-307.80	660368.10	550528.30	Point
Target 2	3500.00	-368.30	-354.40	660320.40	550481.70	Point
PBHL	5200.00	-399.20	-391.60	660289.50	550444.50	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



Azimuths to Grid North
True North: -0.09°
Magnetic North: 7.69°

Magnetic Field
Strength: 4882nT
Dip Angle: 60.61°
Date: 7/1/2012
Model: IGRF2010

Total Correction to Grid North: 7.69°

SITE DETAILS

ROO 22 State 1

Site Centre Northing: 660688.70
Easting: 550836.10

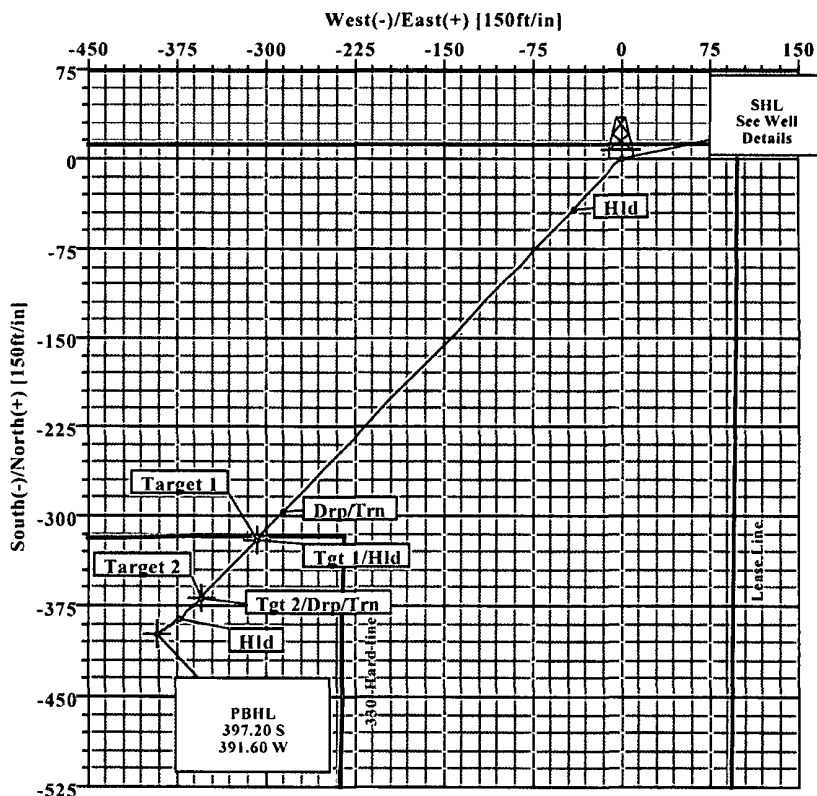
Ground Level: 3592.80
Positional Uncertainty: 0.00
Convergence: 0.09

LEGEND

1
Plan #2



Weatherford



Plan: Plan #2 (ROO 22 State 1/1)

Created By: Patrick Rudolph

Date: 6/11/2012



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 6/11/2012	Time: 12:48:23	Page: 1
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: ROO 22 State 1, Grid North		
Site: ROO 22 State 1	Vertical (TVD) Reference: SITE 3606.8		
Well: ROO 22 State 1	Section (VS) Reference: Well (0.00N,0.00E,224.59Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #2	Date Composed: 6/11/2012
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: ROO 22 State 1

Site Position:	Northing: 660688.70 ft	Latitude: 32 48 58.362 N
From: Map	Easting: 550836.10 ft	Longitude: 104 10 4.298 W
Position Uncertainty: 0 00 ft		North Reference: Gnd
Ground Level: 3592 80 ft		Grid Convergence: 0 09 deg

Well: ROO 22 State 1	Slot Name:
Well Position: +N/-S 0.00 ft	Northing: 660688.70 ft
+E/-W 0.00 ft	Easting: 550836.10 ft
Position Uncertainty: 0.00 ft	Latitude: 32 48 58.362 N
	Longitude: 104 10 4.298 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0 00 ft
Magnetic Data: 7/1/2012	Above System Datum: Mean Sea Level
Field Strength: 48827 nT	Declination: 7.78 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60 61 deg
	+E/-W Direction
	deg
0.00	0.00
0.00	224.59

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 00	0 00	0.00	0.00	0.00	0 00	0.00	0 00	
500 00	0.00	0 00	500 00	0 00	0 00	0 00	0 00	0 00	0 00	
1077.03	11.54	223.82	1073.14	-41.79	-40.10	2.00	2 00	0.00	0 00	
2845.18	11.54	223.82	2805 54	-297 03	-285.02	0.00	0.00	0.00	0 00	
3042 42	7.60	224.33	3000 00	-320 60	-307.80	2.00	-2.00	0 26	179.01	Target 1
3546.85	7.60	224.33	3500 00	-368.30	-354.40	0.00	0.00	0 00	0 00	Target 2
3877 97	0.99	235.18	3830 01	-385.62	-372.07	2.00	-1 99	3.27	178.38	
5248.17	0.99	235.18	5200 00	-399.20	-391 60	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
500.00	0.00	0 00	500 00	0.00	0 00	0.00	0.00	660688 70	550836.10	KOP
600 00	2.00	223 82	599 98	-1.26	-1.21	1.74	2.00	660687 44	550834 89	
700 00	4.00	223.82	699.84	-5.04	-4.83	6.98	2.00	660683 66	550831.27	
800 00	6.00	223.82	799.45	-11.32	-10 87	15.69	2.00	660677.38	550825 23	
900.00	8 00	223.82	898.70	-20.12	-19 30	27 88	2 00	660668.58	550816 80	
1000.00	10 00	223 82	997.47	-31 40	-30 13	43.52	2.00	660657.30	550805.97	
1077 03	11.54	223 82	1073.14	-41.79	-40 10	57 91	2 00	660646.91	550796.00	Hid
1100.00	11.54	223 82	1095.64	-45 11	-43 28	62.51	0.00	660643.59	550792.82	
1200.00	11.54	223 82	1193 62	-59 54	-57 13	82.51	0.00	660629.16	550778.97	
1300.00	11.54	223.82	1291 60	-73.98	-70 99	102.52	0.00	660614 72	550765.11	
1400 00	11.54	223.82	1389.58	-88.41	-84 84	122 52	0 00	660600 29	550751 26	
1500.00	11.54	223.82	1487.56	-102 85	-98 69	142.52	0.00	660585 85	550737.41	
1600.00	11.54	223.82	1585.53	-117 28	-112 54	162.53	0 00	660571.42	550723 56	
1700.00	11 54	223.82	1683.51	-131.72	-126.39	182.53	0.00	660556 98	550709.71	



Date:	6/11/2012	Time:	12 48:23	Page:	2
Co-ordinate(NE) Reference:	Well: ROO 22 State 1, Grid North				
Vertical (TVD) Reference:	SITE 3606.8				
Section (VS) Reference:	Well (0.00N,0.00E,224.59Az)				
Survey Calculation Method:	Minimum Curvature			Db:	Sybase

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude			Longitude				
								Deg	Min	Sec	Deg	Min	Sec		
Target 1	-Plan hit target		3000.00	-320.60	-307.80	660368.10	550528.30	32	48	55.195	N	104	10	7.911	W
Target 2	-Plan hit target		3500.00	-368.30	-354.40	660320.40	550481.70	32	48	54.723	N	104	10	8.458	W
PBHL	-Plan hit target		5200.00	-399.20	-391.60	660289.50	550444.50	32	48	54.418	N	104	10	8.894	W



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company: Occidental Permian Ltd	Date: 6/11/2012	Time: 12:48:23	Page: 3
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well ROO 22 State 1, Grid North		
Site: ROO 22 State 1	Vertical (TVD) Reference: SITE 3606.8		
Well: ROO 22 State 1	Section (VS) Reference: Well (0.00N,0.00E,224.59Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Casing Points

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

Annotation

MD ft	TVD ft	
500.00	500.00	KOP
1077.03	1073.14	Hld
2845.18	2805.54	Drp/Trn
3042.42	3000.00	Tgt 1/Hld
3546.85	3500.00	Tgt 2/Drp/Trn
3877.97	3830.01	Hld
5248.16	5199.99	PBHL

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

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

GeoDec v5.03

Report Date: June 11, 2012
Job Number: _____
Customer: Oxy
Well Name: ROO 22 State 1
API Number: _____
Rig Name: _____
Location: Eddy Co., NM (NAD 27)
Block: _____
Engineer: Patrick Rudolph

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 660688.700 USFT	Latitude 32.8163266 DEG
East/West 550836.100 USFT	Longitude -104.1683724 DEG
Grid Convergence: .09°	
Total Correction: +7.69°	

Geodetic Location WGS84	Elevation =	0.0 Meters
Latitude =	32.81633° N	32° 48 min 58.776 sec
Longitude =	104.16837° W	104° 10 min 6.141 sec

Magnetic Declination =	7.78°	[True North Offset]
Local Gravity =	.9989 g	Checksum = 6650
Local Field Strength =	48823 nT	Magnetic Vector X = 23743 nT
Magnetic Dip =	60.61°	Magnetic Vector Y = 3244 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 42538 nT
Spud Date =	Jul 01, 2012	Magnetic Vector H = 23964 nT

Signed: _____

Date: _____