

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

5. Lease Serial No.
NMNM 107368

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Peaches 19 Federal #1H

9. API Well No.
30-015-40250

10. Field and Pool, or Exploratory Area
Cottonwood Draw Bone Springs

11. County or Parish, State
Eddy NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **OXY USA Inc.** 16696

3a. Address
P.O. Box 50250 Midland, TX 79710

3b. Phone No. (include area code)
432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
S - 330 FNL 2310 FEL NWNE (B) Sec 19 T25S R2E
PBH- 330 FSL 1980 FEL SWSE (O) " " "

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

What happened: On July 2nd, 2012 the rig finished drilling 17.5" surface hole section (below 20" conductor which was preset at 100' BRT) to the planned depth of 950' BRT, with no reported downhole problems. The OH was surveyed as per the program with multi shot gyro which revealed severe wellbore inclination up to 15.51° at TD of the hole section with max dog leg of 3.3°/100'. Operations were suspended immediately to obtain guidance from BLM and NMOC D respectively. The verbal approval to resume operations was received from Ed Fernandez from BLM as well as Mike Bratcher from NMOC D (attached is the confirmation email that was sent out to BLM), given that official Sundry Notice of Intent will be filed as soon as reasonably possible. The 13-3/8" surface casing, was then ran in hole and cemented in place with 130 bbls (417sx) of cement returns to surface.

Forward Plan: Updated directional plan for Peaches 19 Fed #1H is attached which gets us 50' back over the hardline and drops to 0° inclination within acceptable build and drop rates. The torque and drag modeling was performed and no significant issues were detected by either drilling or completions departments. The INC & AZI surveys will be done every 30' until we get back on track and if unacceptable deviation from the new well path will be encountered during drilling the next hole section with directional assembly, operations will cease and the situation will be re-evaluated. Also, a Cement Bond Log is planned to be run as per NMOC D requirement to evaluate the quality of cement behind surface casing.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Signature

Accepted for record

10/7/12 NMOC D

Regulatory Advisor

Date

7/3/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Gyroscopic Survey Report
for
OXY

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	PEACHES 19 FED 1H
Rig Name	H&P 370
Survey Date	7/2/2012
Latitude	32.1216600°N
North Reference	Grid North
Grid Correction	-0.06 deg
Depth Reference	RKB (25.40 ft)
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 174.74Azim (deg)
Definitive Survey	FINAL GYRO SURVEY.
Operator(s)	CHASE BARON

Well Notes

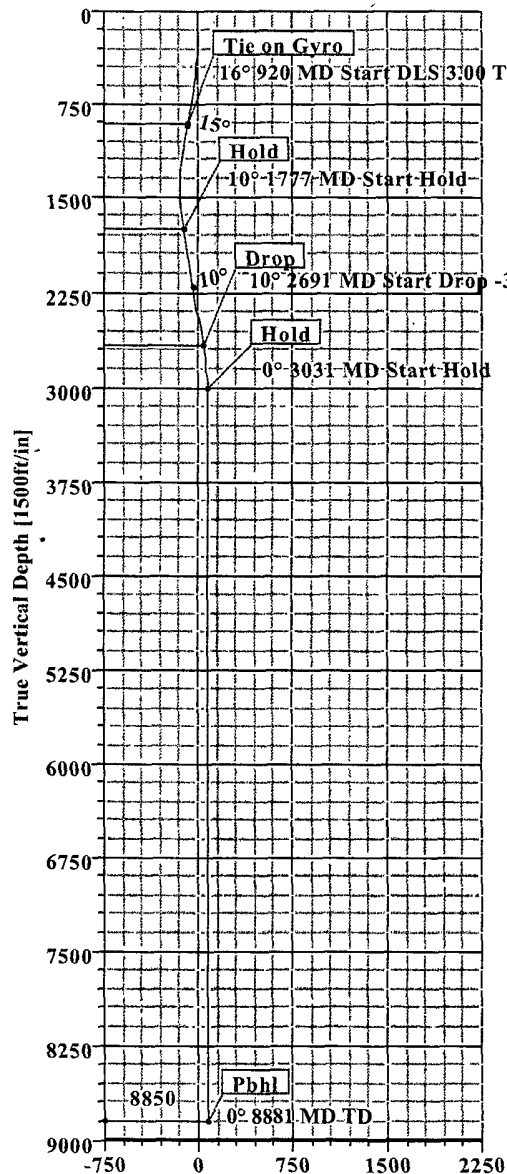
ft	deg	deg	ft	ft	ft	ft	deg	7100ft	ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00
87.10	0.54	307.17	87.10	-0.28	0.25	-0.33	307.17	0.62	0.41
177.27	0.72	332.31	177.26	-1.09	1.01	-0.93	317.22	0.36	1.37
267.44	1.17	341.04	267.42	-2.51	2.38	-1.49	327.87	0.53	2.81
358.68	2.16	337.81	358.62	-5.06	4.85	-2.45	333.25	1.09	5.44
451.38	4.29	340.31	451.17	-10.09	9.74	-4.27	336.29	2.30	10.63
542.08	6.97	337.21	541.42	-18.62	18.00	-7.55	337.25	2.98	19.52
636.54	7.17	335.41	635.17	-29.65	28.65	-12.23	336.89	0.32	31.15
731.09	9.43	336.50	728.72	-42.58	41.12	-17.77	336.63	2.39	44.80
825.30	12.47	335.94	821.20	-59.54	57.49	-25.00	336.50	3.23	62.69
920.19	15.51	332.76	913.27	-81.01	78.13	-34.99	335.88	3.30	85.61



Peaches 19 Fed #1H
Eddy Co, New Mexico



KB ELEV: 3223.2
GL ELEV: 3199.2



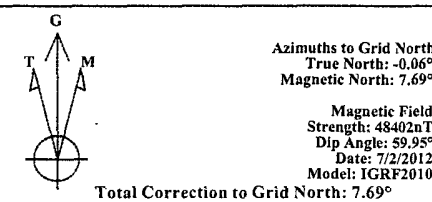
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	920.19	15.51	332.76	913.27	78.13	-34.99	0.00	0.00	-79.34	
2	1777.09	10.21	148.86	1762.06	115.61	-48.38	3.00	178.41	-114.95	
3	2690.92	10.21	148.86	2661.42	-23.06	35.39	0.00	0.00	41.50	
4	3031.30	0.00	0.00	3000.00	-48.95	51.03	3.00	180.00	70.71	Pbhl Pilot
5	8881.30	0.00	0.00	8850.00	-48.95	51.03	0.00	0.00	70.71	

WELL DETAILS							
Name+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
1H 0.00	0.00	407998.90	532656.30	32°07'17.981N	104°13'40.257W	N/A	

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl Pilot	8850.00	-48.95	51.03	407949.95	532707.33	Circle (Radius: 50)

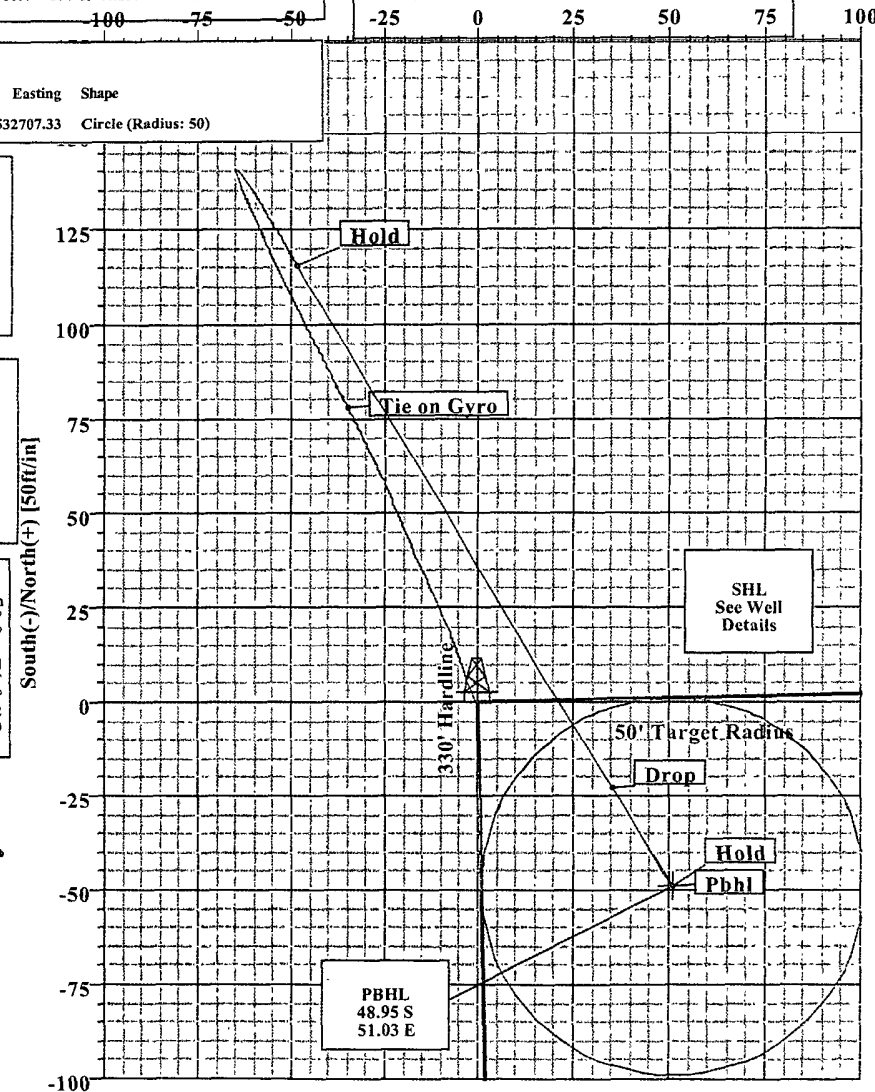
SITE DETAILS	
Peaches 19 Fed #1H	
Site Centre Northing:	407998.90
Easting:	532656.30
Ground Level:	3199.20
Positional Uncertainty:	0.00
Convergence:	0.06

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



FORMATION TOP DETAILS		
No.	TVDPath	MDPath Formation
1	996.00	1005.55 Salado (T. Salt)
2	1593.00	1606.45 B. Salt
3	1825.00	1841.04 Lamar
4	5550.00	5581.30 Bone Spring Limestone
5	6500.00	6531.30 BSPG 1st Sand
6	6775.00	6806.30 BSPG2 Limestone
7	7225.00	7256.30 BSPG 2nd Sand
8	7800.00	7831.30 Harkey Sand Target Depth
9	8386.00	8417.30 BSPG 3rd Sand
10	8844.00	8875.30 Wolfcamp

West(-)/East(+) [50ft/in]



LEGEND
Pilot
Plan #3

Plan: Plan #3 (1H/Pilot)

Created By: Patrick Rudolph

Date: 7/2/2012



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	7/2/2012	Time:	15:03:00	Page:	1
Field:	Eddy Co, NM (Nad:27)	Co-ordinate(NE) Reference:	Well: 1H; Grid North				
Site:	Peaches 19 Fed #1H	Vertical (TVD) Reference:	SITE 3223.2				
Well:	1H	Section (VS) Reference:	Well: (0.00N:0.00E:133.81Azi)				
Wellpath:	Pilot	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Plan:	Plan #3	Date Composed:	7/2/2012
Principal:	Yes	Version:	1
		Tied-to:	User Defined

Field: Eddy Co, NM (Nad 27)

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010

Site: Peaches 19 Fed #1H

Site Position:	From: Map	Position Uncertainty:	Ground Level:	0.00 ft	3199.20 ft	Northing:	407998.90 ft	Easting:	532656.30 ft	Latitude:	32 7 17.981 N	Longitude:	104 13 40.257 W	North Reference:	Grid	Grid Convergence:	0.06 deg
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Well:	1H	Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing:	407998.90 ft
	+E/-W 0.00 ft	Easting:	532656.30 ft
Position Uncertainty:	0.00 ft	Latitude:	32 7 17.981 N
		Longitude:	104 13 40.257 W

Wellpath:	Pilot	Drilled From:	Surface
Current Datum:	SITE	Tie-on Depth:	0.00 ft
Magnetic Data:	7/2/2012	Above System Datum:	Mean Sea Level
Field Strength:	48402 nT	Declination:	7.75 deg
Vertical Section:	Depth From (TVD)	Mag Dip Angle:	59.95 deg
	ft	+N/-S	ft
	0.00	+E/-W	ft
		Direction	deg
			133.81

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
920.19	15.51	332.76	913.27	78.13	-34.99	0.00	0.00	0.00	0.00	
1777.09	10.21	148.86	1762.06	115.61	-48.38	3.00	-0.62	20.55	178.41	
2690.92	10.21	148.86	2661.42	-23.06	35.39	0.00	0.00	0.00	0.00	
3031.30	0.00	0.00	3000.00	-48.95	51.03	3.00	-3.00	0.00	180.00	
8881.30	0.00	0.00	8850.00	-48.95	51.03	0.00	0.00	0.00	0.00	Pbhl Pilot

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
500.40	5.74	338.28	500.00	13.74	-5.80	-13.69	0.00	408012.64	532650.50	Csg
920.19	15.51	332.76	913.27	78.13	-34.99	-79.34	2.34	408077.03	532621.31	Tie on Gyro
1000.00	13.12	333.05	990.60	95.69	-43.98	-97.98	3.00	408094.59	532612.32	
1005.55	12.95	333.08	996.00	96.80	-44.55	-99.16	3.00	408095.70	532611.75	Salado (T. Salt)
1100.00	10.12	333.61	1088.54	113.68	-53.03	-116.96	3.00	408112.58	532603.27	
1200.00	7.12	334.63	1187.40	127.15	-59.59	-131.03	3.00	408126.05	532596.71	
1300.00	4.13	337.13	1286.90	136.08	-63.65	-140.13	3.00	408134.98	532592.65	
1400.00	1.19	352.20	1386.78	140.42	-65.19	-144.25	3.00	408139.32	532591.11	
1500.00	1.94	138.54	1486.77	140.18	-64.21	-143.38	3.00	408139.08	532592.09	
1600.00	4.91	146.27	1586.58	135.36	-60.71	-137.52	3.00	408134.26	532595.59	
1606.45	5.10	146.45	1593.00	134.89	-60.40	-136.97	3.00	408133.79	532595.90	B. Salt
1700.00	7.90	148.16	1685.94	125.96	-54.71	-126.68	3.00	408124.86	532601.59	
1777.09	10.21	148.86	1762.06	115.61	-48.38	-114.95	3.00	408114.51	532607.92	Hold
1800.00	10.21	148.86	1784.61	112.13	-46.28	-111.02	0.00	408111.03	532610.02	
1841.04	10.21	148.86	1825.00	105.90	-42.52	-104.00	0.00	408104.80	532613.78	Lamar
1900.00	10.21	148.86	1883.03	96.96	-37.11	-93.90	0.00	408095.86	532619.19	



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WFT Plan Report - X & Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	7/2/2012	Time:	15:03:00	Page:	2
Field:	Eddy Co. NM (Nad 27)	Co-ordinate(N/E) Reference:	Well: 1H, Grid North				
Site:	Peaches 19 Fed #1H	Vertical (TVD) Reference:	SITE 3223.2				
Well:	1H	Section (VS) Reference:	Well (0.00N, 0.00E, 133.81Azi)				
Wellpath:	Pilot	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
1917.24	10.21	148.86	1900.00	94.34	-35.53	-90.95	0.00	408093.24	532620.77	Int. Csg
2000.00	10.21	148.86	1981.45	81.78	-27.95	-76.78	0.00	408080.68	532628.35	
2100.00	10.21	148.86	2079.86	66.61	-18.78	-59.66	0.00	408065.51	532637.52	
2200.00	10.21	148.86	2178.28	51.44	-9.61	-42.54	0.00	408050.34	532646.69	
2300.00	10.21	148.86	2276.69	36.26	-0.45	-25.43	0.00	408035.16	532655.85	
2400.00	10.21	148.86	2375.11	21.09	8.72	-8.31	0.00	408019.99	532665.02	
2500.00	10.21	148.86	2473.53	5.91	17.89	8.81	0.00	408004.81	532674.19	
2600.00	10.21	148.86	2571.94	-9.26	27.05	25.93	0.00	407989.64	532683.35	
2690.92	10.21	148.86	2661.42	-23.06	35.39	41.50	0.00	407975.84	532691.69	Drop
2700.00	9.94	148.86	2670.36	-24.42	36.21	43.03	3.00	407974.48	532692.51	
2800.00	6.94	148.86	2769.27	-36.98	43.80	57.20	3.00	407961.92	532700.10	
2900.00	3.94	148.86	2868.81	-45.09	48.70	66.36	3.00	407953.81	532705.00	
3000.00	0.94	148.86	2968.70	-48.73	50.90	70.46	3.00	407950.17	532707.20	
3031.30	0.00	0.00	3000.00	-48.95	51.03	70.71	3.00	407949.95	532707.33	Hold
3100.00	0.00	0.00	3068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3200.00	0.00	0.00	3168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3300.00	0.00	0.00	3268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3400.00	0.00	0.00	3368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3500.00	0.00	0.00	3468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3600.00	0.00	0.00	3568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3700.00	0.00	0.00	3668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3800.00	0.00	0.00	3768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
3900.00	0.00	0.00	3868.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4000.00	0.00	0.00	3968.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4100.00	0.00	0.00	4068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4200.00	0.00	0.00	4168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4300.00	0.00	0.00	4268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4400.00	0.00	0.00	4368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4500.00	0.00	0.00	4468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4600.00	0.00	0.00	4568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4700.00	0.00	0.00	4668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4800.00	0.00	0.00	4768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
4900.00	0.00	0.00	4868.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5000.00	0.00	0.00	4968.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5100.00	0.00	0.00	5068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5200.00	0.00	0.00	5168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5300.00	0.00	0.00	5268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5400.00	0.00	0.00	5368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5500.00	0.00	0.00	5468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5581.30	0.00	0.00	5550.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	Bone Spring Limest
5600.00	0.00	0.00	5568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5700.00	0.00	0.00	5668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5800.00	0.00	0.00	5768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
5900.00	0.00	0.00	5868.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6000.00	0.00	0.00	5968.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6100.00	0.00	0.00	6068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6200.00	0.00	0.00	6168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6300.00	0.00	0.00	6268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6400.00	0.00	0.00	6368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6500.00	0.00	0.00	6468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6531.30	0.00	0.00	6500.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	BSPG 1st Sand
6600.00	0.00	0.00	6568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6700.00	0.00	0.00	6668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 7/2/2012 Time: 15:03:00 Page: 3
 Field: Eddy Co. NM (Nad 27) Co-ordinate(NE) Reference: Well: 1H: Grid North
 Site: Peaches 19 Fed# 1H Vertical(TVD) Reference: SITE: 3223.2
 Well: 1H Section(VS) Reference: Well(0.00N 0.00E 133.81Azi)
 Wellpath: Pilot 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
6800.00	0.00	0.00	6768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
6806.30	0.00	0.00	6775.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	BSPG2 Limestone
6900.00	0.00	0.00	6868.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7000.00	0.00	0.00	6968.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7100.00	0.00	0.00	7068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7200.00	0.00	0.00	7168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7256.30	0.00	0.00	7225.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	BSPG 2nd Sand
7300.00	0.00	0.00	7268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7400.00	0.00	0.00	7368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7500.00	0.00	0.00	7468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7600.00	0.00	0.00	7568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7700.00	0.00	0.00	7668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7800.00	0.00	0.00	7768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
7831.30	0.00	0.00	7800.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	Harkey Sand Target
7900.00	0.00	0.00	7868.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8000.00	0.00	0.00	7968.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8100.00	0.00	0.00	8068.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8200.00	0.00	0.00	8168.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8300.00	0.00	0.00	8268.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8400.00	0.00	0.00	8368.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8417.30	0.00	0.00	8386.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	BSPG 3rd Sand
8500.00	0.00	0.00	8468.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8600.00	0.00	0.00	8568.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8700.00	0.00	0.00	8668.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8800.00	0.00	0.00	8768.70	-48.95	51.03	70.71	0.00	407949.95	532707.33	
8875.30	0.00	0.00	8844.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	Wolfcamp
8881.30	0.00	0.00	8850.00	-48.95	51.03	70.71	0.00	407949.95	532707.33	Pbhl Pilot

Targets

Name	Description	TVD	N/S	E/W	Map Northing	Map Easting	Latitude	Longitude
Dip	Dir	ft	ft	ft	ft	ft	Deg Min Sec	Deg Min Sec
Pbhl Pilot		8850.00	-48.95	51.03	407949.95	532707.33	32 7 17.496 N	104 13 39.664 W
-Circle (Radius: 50)								
-Plan hit target								

Casing Points

MD	TVD	Diameter	Hole Size	Name
ft	ft	in	in	
500.40	500.00	0.000	0.000	Csg
1917.24	1900.00	0.000	0.000	Int. Csg

Annotation

MD	TVD	
ft	ft	
920.19	913.27	Tie on Gyro
1777.09	1762.07	Hold
2690.92	2661.42	Drop
3031.30	3000.00	Hold
8881.29	8849.99	Pbhl



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 7/2/2012 Time: 15:03:00 Page: 4
Field: Eddy Co NM (Nad 27) Co-ordinate(NE) Reference: Well: 1H Grid: North
Site: Peaches 19 Fed. #1H Vertical (TVD) Reference: SITE 3223.2
Well: 1H Section (VS) Reference: Well (0.00N 0.00E 133.81Azi)
Wellpath: Pilot Survey Calculation Method: Minimum Curvature Db: Sybase

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
	0.00	Rustler		0.00	0.00
1005.55	996.00	Salado (T. Salt)		0.00	0.00
1606.45	1593.00	B. Salt		0.00	0.00
1841.04	1825.00	Lamar		0.00	0.00
5581.30	5550.00	Bone Spring Limestone		0.00	0.00
6531.30	6500.00	BSPG 1st Sand		0.00	0.00
6806.30	6775.00	BSPG2 Limestone		0.00	0.00
7256.30	7225.00	BSPG 2nd Sand		0.00	0.00
7831.30	7800.00	Harkey Sand Target Depth		0.00	0.00
8417.30	8386.00	BSPG 3rd Sand		0.00	0.00
8875.30	8844.00	Wolfcamp		0.00	0.00



Occidental Permian Ltd.

Peaches 19 Fed #1H
Eddy Co, New Mexico

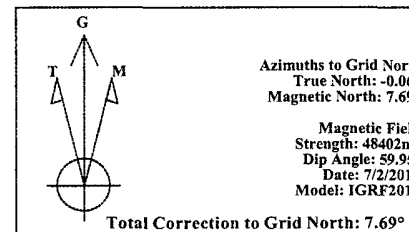
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7311.34	0.00	0.00	7280.04	-48.95	51.04	0.00	0.00	53.43	
2	8211.34	90.00	175.32	7853.00	-619.99	97.84	10.00	175.32	626.35	
3	12232.88	90.00	175.32	7853.00	-4628.10	426.30	0.00	0.00	4647.69	PBHL

WELL DETAILS							
Name+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
1H	0.00	0.00	407998.90	532656.30	32°07'17.981N	104°13'40.257W	N/A

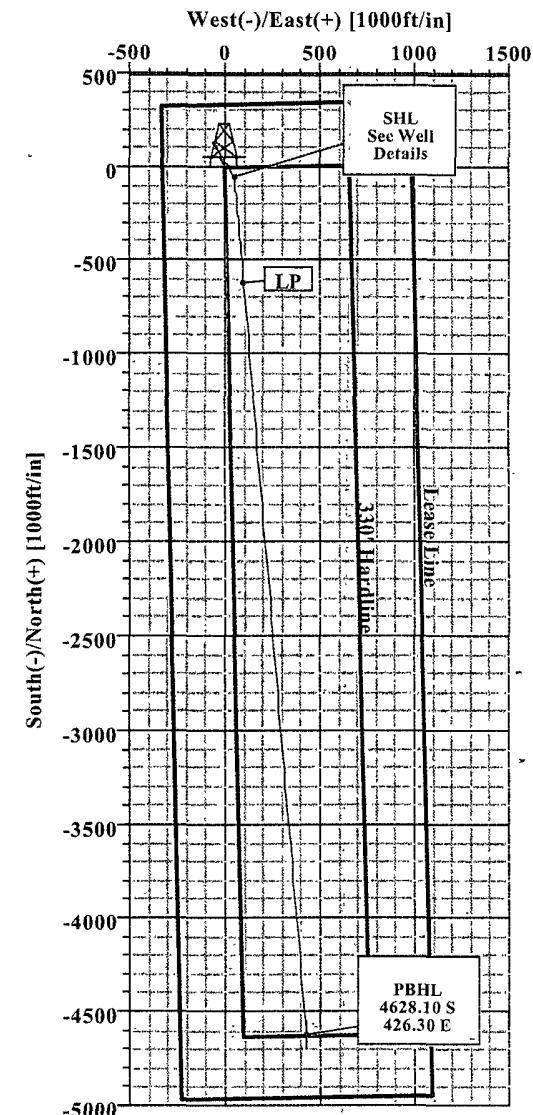
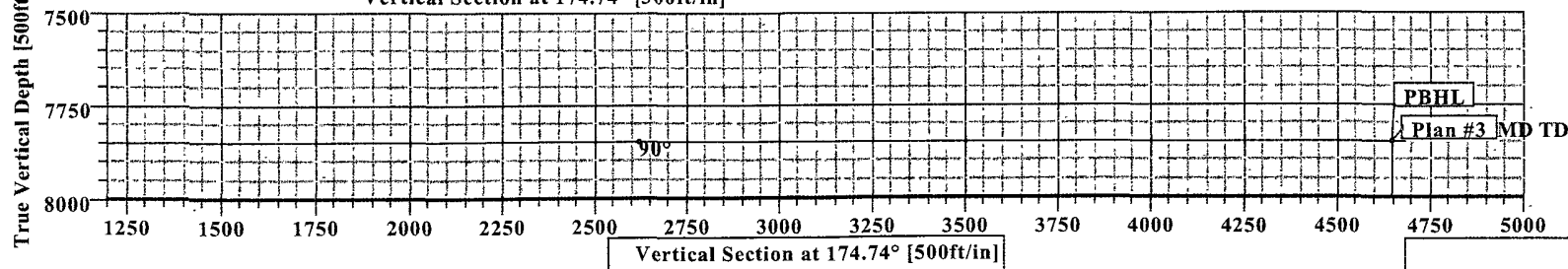
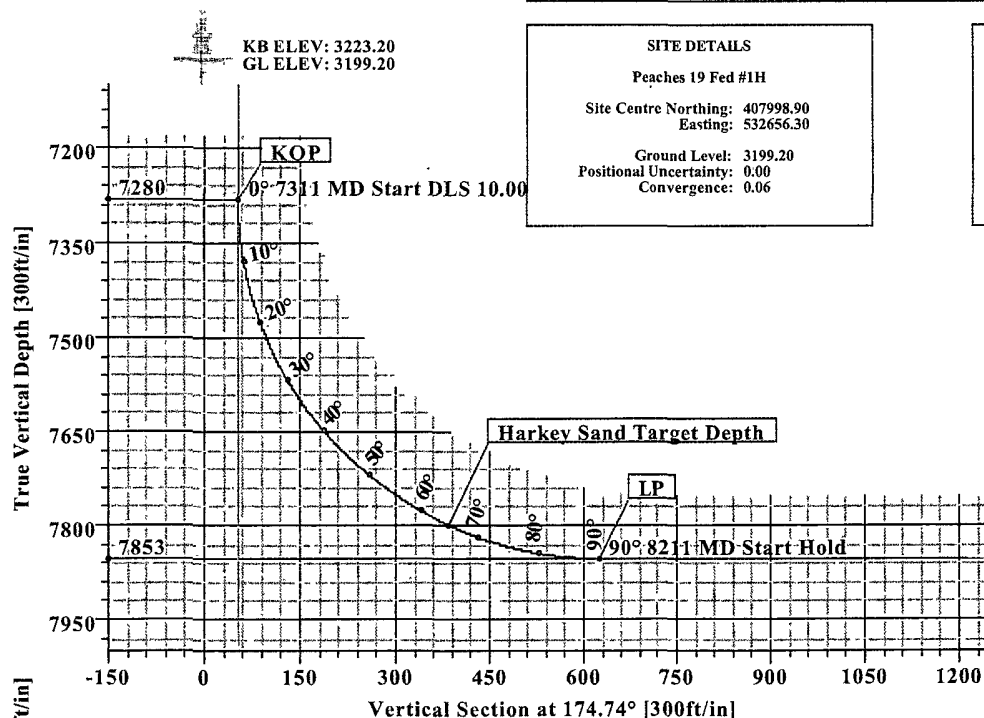
TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	7853.00	-4628.10	426.30	403370.80	533082.60	Point

SITE DETAILS	
Peaches 19 Fed #1H	
Site Centre Northing:	407998.90
Easting:	532656.30
Ground Level:	3199.20
Positional Uncertainty:	0.00
Convergence:	0.06

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



LEGEND	
	1H (Pilot)
	Lateral
	Plan #3





Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	7/2/2012	Time:	15:11:22	Page:	1
Field:	Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: 1H	Grid:	North		
Site:	Peaches 19 Fed #1H	Vertical (TVD) Reference:	SITE 3223.2				
Well:	1H	Section (VS) Reference:	Well (0.00N 0.00E 174.74Azi)				
Wellpath:	Lateral	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Plan:	Plan #3	Date Composed:	7/2/2012
Principal:	Yes	Version:	1
		Tied-to:	From: Definitive Path

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:	Peaches 19 Fed #1H								
Site Position:		Northing:	407998.90	ft	Latitude:	32	7	17.981	N
From: Map		Easting:	532656.30	ft	Longitude:	104	13	40.257	W
Position Uncertainty:	0.00	ft			North Reference:			Grid	
Ground Level:	3199.20	ft			Grid Convergence:			0.06	deg

Well:	1H			Slot Name:				
Well Position:	+N/-S	0.00 ft	Northing:	407998.90 ft	Latitude:	32	7	17.981 N
	+E/-W	0.00 ft	Easting :	532656.30 ft	Longitude:	104	13	40.257 W
Position Uncertainty:	0.00 ft							

Wellpath: Lateral		Drilled From: Pilot	
Current Datum: SITE		Tie-on Depth: 7311.34 ft	
Magnetic Data: 7/2/2012		Above System Datum: Mean Sea Level	
Field Strength: 48402 nT		Declination: 7.75 deg	
Vertical Section:	Depth From (TVD)	Mag Dip Angle:	59.95 deg
	ft	+N/-S	ft
		+E/-W	ft
		Direction	deg
	0.00	0.00	0.00
			174.74

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
7311.34	0.00	0.00	7280.04	-48.95	51.04	0.00	0.00	0.00	0.00	
8211.34	90.00	175.32	7853.00	-619.99	97.84	10.00	10.00	19.48	175.32	
12232.88	90.00	175.32	7853.00	-4628.10	426.30	0.00	0.00	0.00	0.00	PBHL

Survey

MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
500.40	5.74	338.28	500.00	13.74	-5.80	-14.21	0.00	408012.64	532650.50	Sfc. Csg
1917.24	10.21	148.86	1900.00	94.34	-35.52	-97.20	1.12	408093.24	532620.78	Int. Csg
7311.34	0.00	0.00	7280.04	-48.95	51.04	53.43	0.19	407949.95	532707.34	KOP
7350.00	3.87	175.32	7318.67	-50.25	51.15	54.73	10.00	407948.65	532707.45	
7400.00	8.87	175.32	7368.35	-55.77	51.60	60.27	10.00	407943.13	532707.90	
7450.00	13.87	175.32	7417.35	-65.59	52.41	70.12	10.00	407933.31	532708.71	
7500.00	18.87	175.32	7465.31	-79.63	53.56	84.20	10.00	407919.27	532709.86	
7550.00	23.87	175.32	7511.86	-97.78	55.04	102.41	10.00	407901.12	532711.34	
7600.00	28.87	175.32	7556.65	-119.90	56.86	124.61	10.00	407879.00	532713.16	
7650.00	33.87	175.32	7599.33	-145.83	58.98	150.63	10.00	407853.07	532715.28	
7700.00	38.87	175.32	7639.57	-175.37	61.40	180.26	10.00	407823.53	532717.70	
7750.00	43.87	175.32	7677.09	-208.29	64.10	213.29	10.00	407790.61	532720.40	
7800.00	48.87	175.32	7711.58	-244.35	67.06	249.47	10.00	407754.55	532723.36	
7850.00	53.87	175.32	7742.79	-283.26	70.24	288.51	10.00	407715.64	532726.54	
7900.00	58.87	175.32	7770.47	-324.74	73.64	330.13	10.00	407674.16	532729.94	
7950.00	63.87	175.32	7794.43	-368.46	77.23	374.00	10.00	407630.44	532733.53	
7962.96	65.16	175.32	7800.00	-380.12	78.18	385.69	10.00	407618.78	532734.48	Harkey Sand Target
8000.00	68.87	175.32	7814.46	-414.10	80.97	419.78	10.00	407584.80	532737.27	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 7/2/2012 Time: 15:11:22 Page: 2
 Field: Eddy Co. NM (Nad 27) Co-ordinate(NE) Reference: Well: 1H. Grid: North
 Site: Peaches 19 Fed #1H Vertical (TVD) Reference: SITE 3223.2
 Well: 1H Section (VS) Reference: Well (0.00N:0.00E:174.74Azi)
 Wellpath: Lateral 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
8050.00	73.87	175.32	7830.43	-461.31	84.84	467.15	10.00	407537.59	532741.14	
8100.00	78.87	175.32	7842.22	-509.72	88.80	515.72	10.00	407489.18	532745.10	
8150.00	83.87	175.32	7849.72	-558.98	92.84	565.13	10.00	407439.92	532749.14	
8200.00	88.87	175.32	7852.89	-608.69	96.91	615.02	10.00	407390.21	532753.21	
8211.34	90.00	175.32	7853.00	-619.99	97.84	626.35	10.00	407378.91	532754.14	LP
8300.00	90.00	175.32	7853.00	-708.36	105.08	715.01	0.00	407290.54	532761.38	
8400.00	90.00	175.32	7853.00	-808.02	113.25	815.00	0.00	407190.88	532769.55	
8500.00	90.00	175.32	7853.00	-907.69	121.42	915.00	0.00	407091.21	532777.72	
8600.00	90.00	175.32	7853.00	-1007.36	129.58	1014.99	0.00	406991.54	532785.88	
8700.00	90.00	175.32	7853.00	-1107.02	137.75	1114.99	0.00	406891.88	532794.05	
8800.00	90.00	175.32	7853.00	-1206.69	145.92	1214.98	0.00	406792.21	532802.22	
8900.00	90.00	175.32	7853.00	-1306.35	154.09	1314.98	0.00	406692.55	532810.39	
9000.00	90.00	175.32	7853.00	-1406.02	162.25	1414.97	0.00	406592.88	532818.55	
9100.00	90.00	175.32	7853.00	-1505.68	170.42	1514.97	0.00	406493.22	532826.72	
9200.00	90.00	175.32	7853.00	-1605.35	178.59	1614.96	0.00	406393.55	532834.89	
9300.00	90.00	175.32	7853.00	-1705.02	186.76	1714.96	0.00	406293.88	532843.06	
9400.00	90.00	175.32	7853.00	-1804.68	194.92	1814.95	0.00	406194.22	532851.22	
9500.00	90.00	175.32	7853.00	-1904.35	203.09	1914.95	0.00	406094.55	532859.39	
9600.00	90.00	175.32	7853.00	-2004.01	211.26	2014.94	0.00	405994.89	532867.56	
9700.00	90.00	175.32	7853.00	-2103.68	219.43	2114.94	0.00	405895.22	532875.73	
9800.00	90.00	175.32	7853.00	-2203.35	227.59	2214.93	0.00	405795.55	532883.89	
9900.00	90.00	175.32	7853.00	-2303.01	235.76	2314.93	0.00	405695.89	532892.06	
10000.00	90.00	175.32	7853.00	-2402.68	243.93	2414.92	0.00	405596.22	532900.23	
10100.00	90.00	175.32	7853.00	-2502.34	252.10	2514.92	0.00	405496.56	532908.40	
10200.00	90.00	175.32	7853.00	-2602.01	260.26	2614.91	0.00	405396.89	532916.56	
10300.00	90.00	175.32	7853.00	-2701.68	268.43	2714.91	0.00	405297.22	532924.73	
10400.00	90.00	175.32	7853.00	-2801.34	276.60	2814.90	0.00	405197.56	532932.90	
10500.00	90.00	175.32	7853.00	-2901.01	284.77	2914.90	0.00	405097.89	532941.07	
10600.00	90.00	175.32	7853.00	-3000.67	292.93	3014.89	0.00	404998.23	532949.23	
10700.00	90.00	175.32	7853.00	-3100.34	301.10	3114.89	0.00	404898.56	532957.40	
10800.00	90.00	175.32	7853.00	-3200.00	309.27	3214.88	0.00	404798.90	532965.57	
10900.00	90.00	175.32	7853.00	-3299.67	317.44	3314.88	0.00	404699.23	532973.74	
11000.00	90.00	175.32	7853.00	-3399.34	325.60	3414.87	0.00	404599.56	532981.90	
11100.00	90.00	175.32	7853.00	-3499.00	333.77	3514.87	0.00	404499.90	532990.07	
11200.00	90.00	175.32	7853.00	-3598.67	341.94	3614.86	0.00	404400.23	532998.24	
11300.00	90.00	175.32	7853.00	-3698.33	350.11	3714.86	0.00	404300.57	533006.41	
11400.00	90.00	175.32	7853.00	-3798.00	358.27	3814.85	0.00	404200.90	533014.57	
11500.00	90.00	175.32	7853.00	-3897.67	366.44	3914.85	0.00	404101.23	533022.74	
11600.00	90.00	175.32	7853.00	-3997.33	374.61	4014.84	0.00	404001.57	533030.91	
11700.00	90.00	175.32	7853.00	-4097.00	382.78	4114.84	0.00	403901.90	533039.08	
11800.00	90.00	175.32	7853.00	-4196.66	390.94	4214.83	0.00	403802.24	533047.24	
11900.00	90.00	175.32	7853.00	-4296.33	399.11	4314.83	0.00	403702.57	533055.41	
12000.00	90.00	175.32	7853.00	-4396.00	407.28	4414.82	0.00	403602.90	533063.58	
12100.00	90.00	175.32	7853.00	-4495.66	415.45	4514.82	0.00	403503.24	533071.75	
12200.00	90.00	175.32	7853.00	-4595.33	423.61	4614.81	0.00	403403.57	533079.91	
12232.88	90.00	175.32	7853.00	-4628.10	426.30	4647.69	0.00	403370.80	533082.60	PBHL

Targets

Name	Description	TVD	N/S	E/W	Map Northing	Map Easting	Latitude	Longitude
Dip	Dir	ft	ft	ft	ft	ft	Deg Min Sec	Deg Min Sec
PBHL		7853.00	-4628.10	426.30	403370.80	533082.60	32 6 32.175 N	104 13 35.353 W



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

Company:	Occidental Permian Ltd.	Date:	7/2/2012	Time:	15:11:22	Page:	3
Field:	Eddy Co. NM (Nad 27)	Co-ordinate(NE) Reference:	Well: 1H Grid North				
Site:	Peaches 19 Fed #1H	Vertical (TVD) Reference:	SITE 3223.2				
Well:	1H	Section (VS) Reference:	Well (0.00N,0.00E,174.74Azi)				
Wellpath:	Lateral	Survey Calculation Method:	Minimum Curvature			Db:	Sybase

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
500.40	500.00	0.000	0.000	Sfc. Csg
1917.24	1900.00	0.000	0.000	Int. Csg

Annotation

MD ft	TVD ft	
7311.34	7280.04	KOP
8211.34	7853.00	LP
12232.88	7853.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
7962.96	7800.00	Harkey Sand Target Depth		0.00	0.00