

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) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-015-40196
2. Name of Operator OXY USA WTP LIMITED PARTNERSHIP		5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator PO BOX 4294; HOUSTON, TX 77210		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>E</u> : <u>1575</u> feet from the <u>NORTH</u> line and <u>75'</u> feet from the <u>WEST</u> line Section <u>36</u> Township <u>18S</u> Range <u>30E</u> NMPM EDDY County		7. Lease Name or Unit Agreement Name SMOKEY BITS STATE COM
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3428.7'		8. Well Number #2H
		9. OGRID Number 192463
		10. Pool name or Wildcat BENSON; BONE SPRING (5200)

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.

Due to anticollision issues with the Smokey State #1 (Existing well,) the directional plan and the bottom hole location have to be changed, in order to have a separation factor of more than 2. This is the conclusion after a new inc/azim survey was run in the Smokey State #1. Attached are the new directional plan the modified plat (with the new BHL.) Cement program has also changed, as a result of the changes on directional plan. Please see the attached for additional information

Spud Date: Rig Release Date:

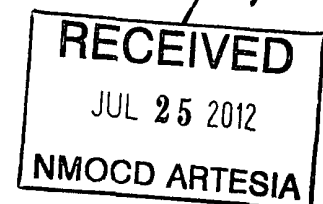
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Duarte TITLE Regulatory Analyst DATE 07/23/2012

Type or print name Jennifer Duarte E-mail address: jennifer_duarte@oxy.com PHONE: (713) 513-6640

For State Use Only

APPROVED BY: C. Shepard TITLE Geologist DATE 7/30/2012
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 Ryo 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-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 30-015-40196	Pool Code 5200	Pool Name Benson; Bone Spring
Property Code 38654	Property Name SMOKEY BITS STATE	Well Number 2H
OCRID No. 192463	Operator Name OX4 USA WTP Limited Partnership	Elevation 3428.7'

Surface Location

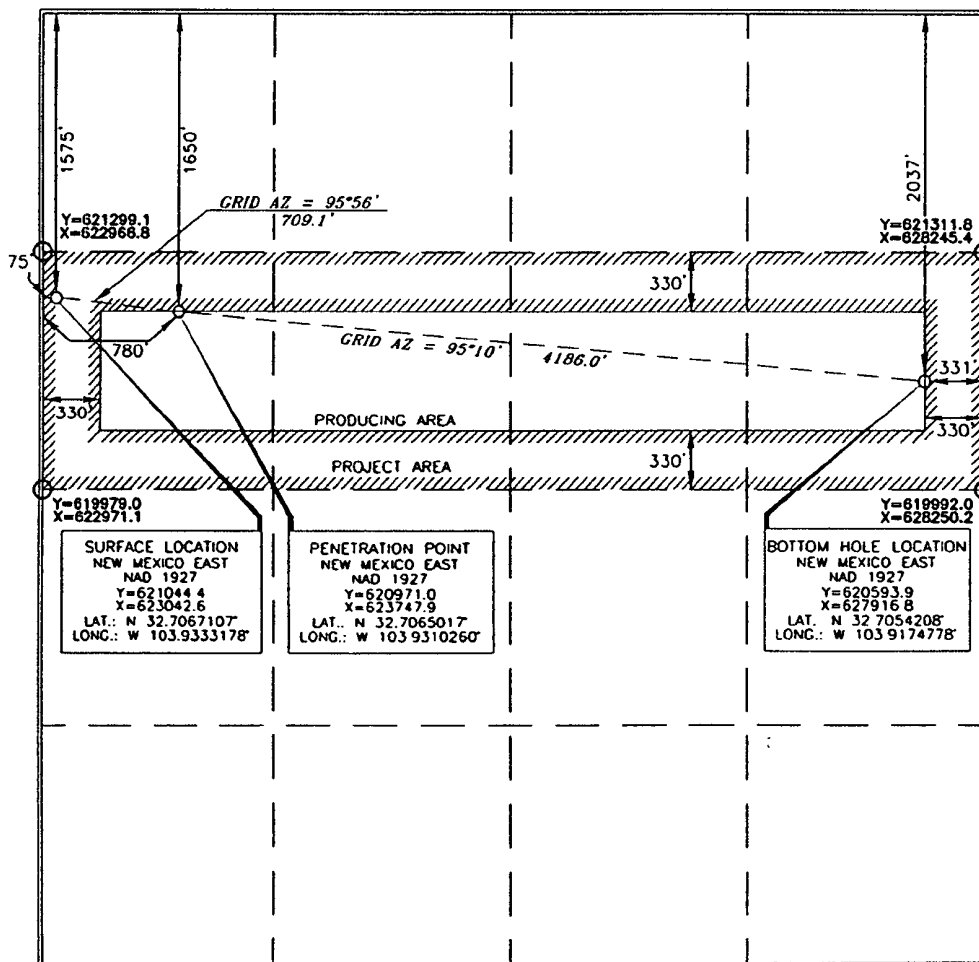
UL or lot no. E	Section 36	Township 18 SOUTH	Range 30 EAST, N.M.P.M.	Lot kdn	Feet from the 1575'	North/South line NORTH	Feet from the 75'	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot no. H	Section 36	Township 18 SOUTH	Range 30 EAST, N.M.P.M.	Lot kdn	Feet from the 2037'	North/South line NORTH	Feet from the 331'	East/West line EAST	County EDDY
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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
Signature Date
Printed Name

SURVEYOR CERTIFICATION

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

15079
Date of Survey
Signature of Surveyor
Professional Seal
Certificate Number 15079

OXY USA WTP LP
Smokey Bits State Com 2H
Sundry Information

OPERATOR NAME / NUMBER: OXY USA WTP LP 192463
LEASE NAME / NUMBER: Smokey Bits State Com 2H **Federal Lease No:**
STATE: NM **COUNTY:** Eddy
SURFACE LOCATION: 1575' FNL & 75' FWL, Sec 36, T18S, R30E
BOTTOM HOLE LOCATION: 2037' FNL & 331' FEL, Sec. 36, T18S, R30E
C-102 PLAT APPROX GR ELEV: 3428.7' **EST KB ELEV:** 3452.7' (24' KB)

1. PROPOSED CHANGES

Due to anticollision issues with the Smokey State #1 (Existing well,) the directional plan and the bottom hole location have to be changed, in order to have a separation factor of more than 2. This is the conclusion after a new inc/azim survey was run in the Smokey State #1. Attached are the new directional plan the modified plat (with the new BHL.) Cement program has also changed, as a result of the changes on directional plan.

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS & DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS

Formation Tops	TV Depth Top
T. Rustler	460
B. Salt	1880
T. Delaware	3620
T. Bone Spring Limestone	5960
T. BSPG 1st Sand	7610
B. BSPG2 Limestone	8040
T. BSPG 2nd Sand	8405
T. BSPG 2nd Sand Target	8624

A. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

GREATEST PROJECTED TD 13118' MD/ 8624' TVD **OBJECTIVE:** 2nd Bone Spring

3. CASING PROGRAM

Surface Casing: 13.375" casing set at ± 490' MD/ 490' TVD in a 17.5" hole filled with 8.90 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'-490'	305'	48	H-40	ST&C	770	1730	322	12.715	12.559	4.53	10.17	13.69

Intermediate Casing: 9.625" casing set at ± 3600' MD / 3600' TVD in a 12.25" hole filled with 10 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'- 3600'	3200'	40	J-55	LT&C	2570	3950	520	8.835	8.679	1.66	2.55	3.61

Production Casing: 5.5" casing set at ± 13118' MD / 8624' TVD in a 8.75" hole filled with 9.20 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'- 13118'	13118'	17	L-80	BT&C	8830	9190	428	4.778	4.653	1.58	1.65	1.63

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

4. CEMENT PROGRAM:

Surface Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Surface (TOC: 0' –490')							
Lead: 0' –290' (165% Excess)	310	290	Premium Plus cement with 2% Calcium Chloride, 4% Bentonite, 0.25 lbm.sk Poly-E-Flake	9.16	13.5	1.75	589psi
Tail: 290' –490' (165% Excess)	300	200	Premium Plus cement with 2% Calcium Chloride	6.37	14.80	1.35	1608psi

Intermediate Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Intermediate (TOC: 0' –3600')							
Lead: 0' –3005' (105% Excess)	960	3005	Light Premium Plus Cement, with 5% Salt, 3lb-sk Kol Seal , 0.5% halad-344, 1% Calcium Chloride, & 0.125 lb/sk Poly-E-Flake	9.98	12.9	1.91	840 psi
Tail: 3005' –3600' (105 % Excess)	300	595	Premium Plus cement with 0.5% WellLife 734	6.36	14.80	1.33	2125 psi

Production Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Production (TOC: 3100' - 13118')							
Lead: 3100' – 7754' (125 % Excess)	1000	4654	Innerfill H Cement, 2 lbm/sk Kol-Seal, 0.5 % Halad(R)-322 & 0.3% HR-601	14.39	11.90	2.51	416 psi
Tail: 7754' – 13118' (85% Excess)	1520	5364	Super H Cement, 3 lbm/sk Kol-Seal, 3 lbm/sk Salt, 0.4 % CFR-3, 0.2 % HR-601, 0.125 lbm/sk Poly-E-Flake & 0.5% Halad(R)-344	8.45	13.2	1.67	1515 psi

5. DIRECTIONAL PLAN

Please see attached



Weatherford[®]

Drilling Services

Proposal



OCCIDENTAL PERMIAN LTD.

SMOKEY BITS STATE 2H

EDDY CO., NM

WELL FILE: PLAN 5

APRIL 25, 2012

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

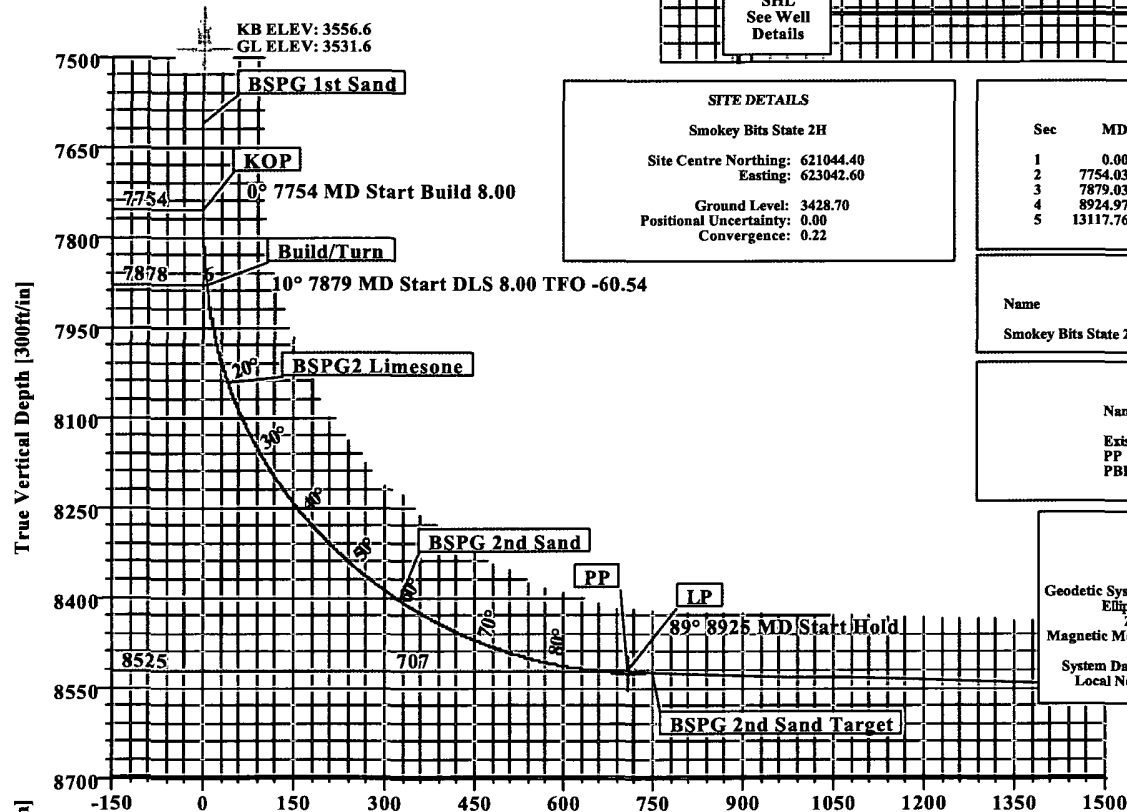
+1.432.561.8895 Fax

www.weatherford.com



Occidental Permian Ltd.

Smokey Bits State 2H
Eddy Co, New Mexico



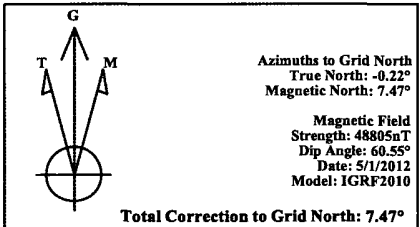
SITE DETAILS	
Smokey Bits State 2H	
Site Centre Northing:	621044.40
Easting:	623042.60
Ground Level:	3428.70
Positional Uncertainty:	0.00
Convergence:	0.22

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	7754.03	0.00	0.00	7754.03	0.00	0.00	0.00	0.00	0.00
3	7879.03	10.00	154.00	7878.40	-9.78	4.77	8.00	154.00	5.95
4	8924.97	88.65	94.04	8525.00	-155.04	693.01	8.00	-60.54	706.94
5	13117.76	88.65	94.04	8624.00	-450.50	4874.20	0.00	0.00	4892.31 PBHL P5

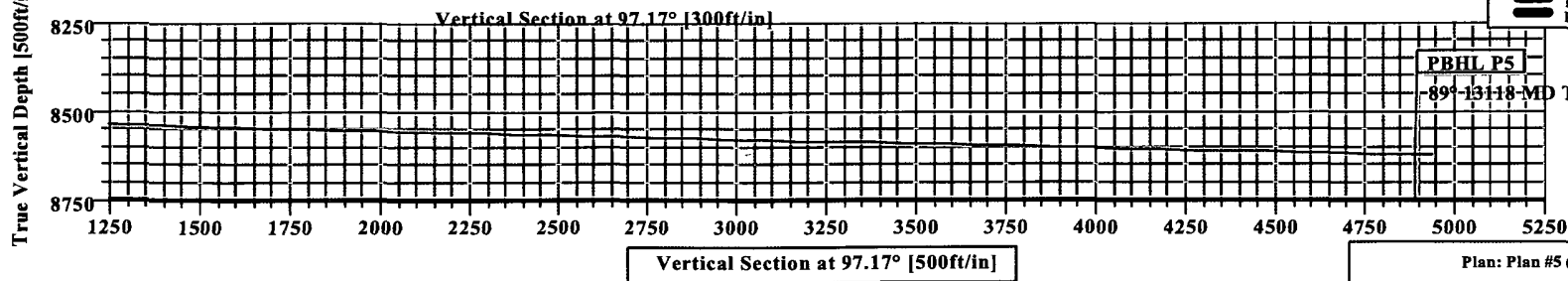
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Smokey Bits State 2H	0.00	0.00	621044.40	623042.60	32°42'24.158N	103°55'59.944W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Exist Smokey St 1	0.00	-214.08	1868.81	620830.32	624911.41	Point
PP	8525.00	-73.40	705.30	620971.00	623747.90	Point
PBHL P5	8624.00	-450.50	4874.20	620593.90	627916.80	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



LEGEND	
	Exist. Corral Fly 2 State #1 (I)
	PR 34-176 #2H (ST00)
	Plan #5



Plan: Plan #5 (Smokey Bits State 2H/1)
Created By: Patrick Rudolph
Date: 4/25/2012



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd. Date: 4/25/2012 Time: 10:23:11 Page: 1
 Field: Eddy Co, NM (Nad 27) Co-ordinate(NE) Reference: Well: Smokey Bits State 2H, Grid North
 Site: Smokey Bits State 2H Vertical (TVD) Reference: SITE 3453.7
 Well: Smokey Bits State 2H Section (VS) Reference: Well (0.00N,0.00E,97.17Azi)
 Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Plan: Plan #5 Date Composed: 4/11/2012
 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: Smokey Bits State 2H

Site Position: Northing: 621044.40 ft Latitude: 32 42 24.158 N
 From: Map Easting: 623042.60 ft Longitude: 103 55 59.944 W
 Position Uncertainty: 0.00 ft North Reference: Grid
 Ground Level: 3428.70 ft Grid Convergence: 0.22 deg

Well: Smokey Bits State 2H Slot Name:
 Well Position: +N/-S 0.00 ft Northing: 621044.40 ft Latitude: 32 42 24.158 N
 +E/-W 0.00 ft Easting: 623042.60 ft Longitude: 103 55 59.944 W
 Position Uncertainty: 0.00 ft

Wellpath: 1 Drilled From: Surface
 Current Datum: SITE Height 3453.70 ft Tie-on Depth: 0.00 ft
 Magnetic Data: 5/1/2012 Above System Datum: Mean Sea Level
 Field Strength: 48805 nT Declination: 7.68 deg
 Vertical Section: Depth From (TVD) +N/-S Mag Dip Angle: 60.55 deg
 ft ft +E/-W Direction
 deg
 0.00 0.00 0.00 97.17

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	
7754.03	0.00	0.00	7754.03	0.00	0.00	0.00	0.00	0.00	0.00	
7879.03	10.00	154.00	7878.40	-9.78	4.77	8.00	8.00	0.00	154.00	
8924.97	88.65	94.04	8525.00	-155.04	693.01	8.00	7.52	-5.73	-60.54	
13117.76	88.65	94.04	8624.00	-450.50	4874.20	0.00	0.00	0.00	0.00	PBHL P5

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
7700.00	0.00	0.00	7700.00	0.00	0.00	0.00	0.00	621044.40	623042.60	
7754.03	0.00	0.00	7754.03	0.00	0.00	0.00	0.00	621044.40	623042.60	KOP
7800.00	3.68	154.00	7799.97	-1.33	0.65	0.81	8.00	621043.07	623043.25	
7850.00	7.68	154.00	7849.71	-5.77	2.81	3.51	8.00	621038.63	623045.41	
7879.03	10.00	154.00	7878.40	-9.78	4.77	5.95	8.00	621034.62	623047.37	Build/Turn
7900.00	10.92	146.27	7899.02	-13.07	6.67	8.25	8.00	621031.33	623049.27	
7950.00	13.71	132.68	7947.87	-21.03	13.66	16.18	8.00	621023.37	623056.26	
8000.00	16.97	123.91	7996.09	-29.12	24.07	27.52	8.00	621015.28	623066.67	
8047.40	20.31	118.25	8041.00	-36.87	37.07	41.38	8.00	621007.53	623079.67	BSPG2 Limesone
8050.00	20.50	117.99	8043.44	-37.30	37.87	42.23	8.00	621007.10	623080.47	
8100.00	24.16	113.77	8089.69	-45.54	54.97	60.22	8.00	620998.86	623097.57	
8150.00	27.92	110.61	8134.60	-53.78	75.30	81.43	8.00	620990.62	623117.90	
8200.00	31.73	108.16	8177.97	-62.01	98.76	105.73	8.00	620982.39	623141.36	
8250.00	35.58	106.18	8219.59	-70.16	125.23	133.01	8.00	620974.24	623167.83	
8300.00	39.45	104.55	8259.24	-78.21	154.59	163.14	8.00	620966.19	623197.19	
8350.00	43.34	103.16	8296.74	-86.11	186.69	195.97	8.00	620958.29	623229.29	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

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

Date: 4/25/2012 **Time:** 10:23:11 **Page:** 2
Co-ordinate(NE) Reference: Well: Smokey Bits State 2H, Grid North
Vertical (TVD) Reference: SITE 3453.7
Section (VS) Reference: Well (0.00N,0.00E,97.17Azi)
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
8400.00	47.25	101.96	8331.91	-93.82	221.37	231.35	8.00	620950.58	623263.97	
8450.00	51.17	100.91	8364.57	-101.32	258.47	269.09	8.00	620943.08	623301.07	
8500.00	55.10	99.96	8394.56	-108.55	297.80	309.02	8.00	620935.85	623340.40	
8520.41	56.71	99.60	8406.00	-111.42	314.46	325.91	8.00	620932.98	623357.06	BSPG 2nd Sand
8550.00	59.03	99.10	8421.73	-115.49	339.18	350.94	8.00	620928.91	623381.78	
8600.00	62.97	98.31	8445.97	-122.10	382.40	394.65	8.00	620922.30	623425.00	
8650.00	66.92	97.57	8467.14	-128.35	427.25	439.93	8.00	620916.05	623469.85	
8700.00	70.86	96.88	8485.14	-134.22	473.52	486.57	8.00	620910.18	623516.12	
8750.00	74.81	96.21	8499.89	-139.66	520.97	534.33	8.00	620904.74	623563.57	
8800.00	78.77	95.58	8511.31	-144.65	569.38	582.99	8.00	620899.75	623611.98	
8850.00	82.72	94.95	8519.36	-149.18	618.51	632.30	8.00	620895.22	623661.11	
8900.00	86.67	94.34	8523.98	-153.21	668.13	682.02	8.00	620891.19	623710.73	
8924.97	88.65	94.04	8525.00	-155.04	693.01	706.94	8.00	620889.36	623735.61	LP
8967.48	88.65	94.04	8526.00	-158.03	735.40	749.37	0.00	620886.37	623778.00	BSPG 2nd Sand Targ
9000.00	88.65	94.04	8526.77	-160.33	767.83	781.84	0.00	620884.07	623810.43	
9100.00	88.65	94.04	8529.13	-167.37	867.55	881.66	0.00	620877.03	623910.15	
9200.00	88.65	94.04	8531.49	-174.42	967.28	981.48	0.00	620869.98	624009.88	
9300.00	88.65	94.04	8533.85	-181.47	1067.00	1081.31	0.00	620862.93	624109.60	
9400.00	88.65	94.04	8536.21	-188.51	1166.72	1181.13	0.00	620855.89	624209.32	
9500.00	88.65	94.04	8538.57	-195.56	1266.45	1280.95	0.00	620848.84	624309.05	
9600.00	88.65	94.04	8540.94	-202.61	1366.17	1380.77	0.00	620841.79	624408.77	
9700.00	88.65	94.04	8543.30	-209.65	1465.89	1480.60	0.00	620834.75	624508.49	
9800.00	88.65	94.04	8545.66	-216.70	1565.62	1580.42	0.00	620827.70	624608.22	
9900.00	88.65	94.04	8548.02	-223.75	1665.34	1680.24	0.00	620820.65	624707.94	
10000.00	88.65	94.04	8550.38	-230.80	1765.06	1780.07	0.00	620813.60	624807.66	
10100.00	88.65	94.04	8552.74	-237.84	1864.79	1879.89	0.00	620806.56	624907.39	
10200.00	88.65	94.04	8555.10	-244.89	1964.51	1979.71	0.00	620799.51	625007.11	
10300.00	88.65	94.04	8557.46	-251.94	2064.23	2079.54	0.00	620792.46	625106.83	
10400.00	88.65	94.04	8559.83	-258.98	2163.96	2179.36	0.00	620785.42	625206.56	
10500.00	88.65	94.04	8562.19	-266.03	2263.68	2279.18	0.00	620778.37	625306.28	
10600.00	88.65	94.04	8564.55	-273.08	2363.40	2379.01	0.00	620771.32	625406.00	
10700.00	88.65	94.04	8566.91	-280.12	2463.13	2478.83	0.00	620764.28	625505.73	
10800.00	88.65	94.04	8569.27	-287.17	2562.85	2578.65	0.00	620757.23	625605.45	
10900.00	88.65	94.04	8571.63	-294.22	2662.57	2678.48	0.00	620750.18	625705.17	
11000.00	88.65	94.04	8573.99	-301.26	2762.30	2778.30	0.00	620743.14	625804.90	
11100.00	88.65	94.04	8576.35	-308.31	2862.02	2878.12	0.00	620736.09	625904.62	
11200.00	88.65	94.04	8578.72	-315.36	2961.74	2977.95	0.00	620729.04	626004.34	
11300.00	88.65	94.04	8581.08	-322.40	3061.47	3077.77	0.00	620722.00	626104.07	
11400.00	88.65	94.04	8583.44	-329.45	3161.19	3177.59	0.00	620714.95	626203.79	
11500.00	88.65	94.04	8585.80	-336.50	3260.92	3277.42	0.00	620707.90	626303.52	
11600.00	88.65	94.04	8588.16	-343.55	3360.64	3377.24	0.00	620700.85	626403.24	
11700.00	88.65	94.04	8590.52	-350.59	3460.36	3477.06	0.00	620693.81	626502.96	
11800.00	88.65	94.04	8592.88	-357.64	3560.09	3576.88	0.00	620686.76	626602.69	
11900.00	88.65	94.04	8595.25	-364.69	3659.81	3676.71	0.00	620679.71	626702.41	
12000.00	88.65	94.04	8597.61	-371.73	3759.53	3776.53	0.00	620672.67	626802.13	
12100.00	88.65	94.04	8599.97	-378.78	3859.26	3876.35	0.00	620665.62	626901.86	
12200.00	88.65	94.04	8602.33	-385.83	3958.98	3976.18	0.00	620658.57	627001.58	
12300.00	88.65	94.04	8604.69	-392.87	4058.70	4076.00	0.00	620651.53	627101.30	
12400.00	88.65	94.04	8607.05	-399.92	4158.43	4175.82	0.00	620644.48	627201.03	
12500.00	88.65	94.04	8609.41	-406.97	4258.15	4275.65	0.00	620637.43	627300.75	
12600.00	88.65	94.04	8611.77	-414.01	4357.87	4375.47	0.00	620630.39	627400.47	
12700.00	88.65	94.04	8614.14	-421.06	4457.60	4475.29	0.00	620623.34	627500.20	
12800.00	88.65	94.04	8616.50	-428.11	4557.32	4575.12	0.00	620616.29	627599.92	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

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

Date: 4/25/2012 **Time:** 10:23:11 **Page:** 3
Co-ordinate(NE) Reference: Well: Smokey Bits State 2H, Grid North
Vertical (TVD) Reference: SITE 3453.7
Section (VS) Reference: Well (0.00N,0.00E,97.17Azi)
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
12900.00	88.65	94.04	8618.86	-435.15	4657.04	4674.94	0.00	620609.25	627699.64	
13000.00	88.65	94.04	8621.22	-442.20	4756.77	4774.76	0.00	620602.20	627799.37	
13100.00	88.65	94.04	8623.58	-449.25	4856.49	4874.59	0.00	620595.15	627899.09	
13117.76	88.65	94.04	8624.00	-450.50	4874.20	4892.31	0.00	620593.90	627916.80	PBHL P5

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
Exist Smokey St 1			0.00	-214.08	1868.81	620830.32	624911.41	32 42 21.970 N	103 55 38.082 W
PP			8525.00	-73.40	705.30	620971.00	623747.90	32 42 23.405 N	103 55 51.693 W
PBHL P5			8624.00	-450.50	4874.20	620593.90	627916.80	32 42 19.515 N	103 55 2.920 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
490.00	490.00	0.000	0.000	Sfc Csg
2000.00	2000.00	0.000	0.000	Int Csg

Annotation

MD ft	TVD ft	
7754.03	7754.03	KOP
7879.03	7878.40	Build/Turn
8924.97	8525.00	LP
13117.75	8624.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
702.00	702.00	Base anhydrite		0.00	0.00
1881.00	1881.00	Tansill		0.00	0.00
2031.00	2031.00	Yates		0.00	0.00
2401.00	2401.00	Seven Rivers		0.00	0.00
3046.00	3046.00	Queen		0.00	0.00
3621.00	3621.00	Delaware		0.00	0.00
5961.00	5961.00	BSPG1 Limestone		0.00	0.00
7611.00	7611.00	BSPG 1st Sand		0.00	0.00
8047.40	8041.00	BSPG2 Limesone		0.00	0.00
8520.41	8406.00	BSPG 2nd Sand		0.00	0.00
8967.48	8526.00	BSPG 2nd Sand Target		0.00	0.00