



SDI Planning Report

Company: OXY Permian
Field: Hobbs San Andres
Site: Lea County, New Mexico
Well: NHU #32-844
Wellpath: 1

Date: 4/10/2001 Time: 15:19:57 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, New Mexico, True North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Site (0.00N,0.00E,210.05Azi)
Plan: Plan #1

Field: Hobbs San Andres

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

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2000

Site: Lea County, New Mexico

Site Position: Northing: 617517.68 ft Latitude: 32 41 31.970 N
From: Geographic Easting: 859408.71 ft Longitude: 103 9 54.370 W
Position Uncertainty: 0.0 ft North Reference: True
Ground Level: 0.0 ft Grid Convergence: 0.00 deg

Well: NHU #32-844

Slot Name:

Well Position: +N/-S 0.0 ft Northing: 617517.68 ft Latitude: 32 41 31.970 N
+E/-W 0.0 ft Easting: 859408.71 ft Longitude: 103 9 54.370 W
Position Uncertainty: 0.0 ft

Wellpath: 1

Current Datum: Mean Sea Level Height 0.0 ft
Magnetic Data: 4/10/2001
Field Strength: 50076 nT
Vertical Section: Depth From (TVD) ft
Drilled From: Surface
Tie-on Depth: 0.0 ft
Above System Datum: Mean Sea Level
Declination: 8.66 deg
Mag Dip Angle: 60.97 deg
+E/-W ft Direction deg
4108.0 0.0 0.0 210.05

Plan: Plan #1

Date Composed: 4/10/2001
Version: 1
Tied-to: User Defined

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2118.0	11.65	210.05	2114.4	-45.4	-26.3	2.25	2.25	-28.95	210.05	
4151.5	11.65	210.05	4106.0	-401.0	-232.0	0.00	0.00	0.00	0.00	Mid Pay 32-844
4376.5	11.65	210.05	4326.4	-440.3	-254.8	0.00	0.00	0.00	0.00	

Section 1 : Start DLS 2.25 TFO 210.05

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1600.0	0.00	0.00	1600.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
1700.0	2.25	210.05	1700.0	-1.7	-1.0	2.0	2.25	2.25	0.00	0.00
1800.0	4.50	210.05	1799.8	-6.8	-3.9	7.8	2.25	2.25	0.00	0.00
1900.0	6.75	210.05	1899.3	-15.3	-8.8	17.7	2.25	2.25	0.00	0.00
2000.0	9.00	210.05	1998.4	-27.1	-15.7	31.4	2.25	2.25	0.00	0.00
2100.0	11.25	210.05	2096.8	-42.4	-24.5	48.9	2.25	2.25	0.00	0.00
2118.0	11.65	210.05	2114.4	-45.4	-26.3	52.5	2.25	2.25	0.00	0.00

Section 2 : Start Hold

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2200.0	11.65	210.05	2194.7	-59.8	-34.6	69.1	0.00	0.00	0.00	0.00
2300.0	11.65	210.05	2292.7	-77.3	-44.7	89.3	0.00	0.00	0.00	0.00
2400.0	11.65	210.05	2390.6	-94.8	-54.8	109.5	0.00	0.00	0.00	0.00
2500.0	11.65	210.05	2488.6	-112.2	-64.9	129.7	0.00	0.00	0.00	0.00
2600.0	11.65	210.05	2586.5	-129.7	-75.1	149.9	0.00	0.00	0.00	0.00
2700.0	11.65	210.05	2684.4	-147.2	-85.2	170.1	0.00	0.00	0.00	0.00
2800.0	11.65	210.05	2782.4	-164.7	-95.3	190.3	0.00	0.00	0.00	0.00
2900.0	11.65	210.05	2880.3	-182.2	-105.4	210.5	0.00	0.00	0.00	0.00





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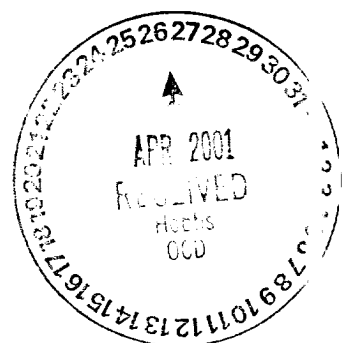
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Section 2 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3000.0	11.65	210.05	2978.3	-199.7	-115.5	230.7	0.00	0.00	0.00	0.00
3100.0	11.65	210.05	3076.2	-217.1	-125.6	250.9	0.00	0.00	0.00	0.00
3200.0	11.65	210.05	3174.1	-234.6	-135.7	271.1	0.00	0.00	0.00	0.00
3300.0	11.65	210.05	3272.1	-252.1	-145.9	291.3	0.00	0.00	0.00	0.00
3400.0	11.65	210.05	3370.0	-269.6	-156.0	311.5	0.00	0.00	0.00	0.00
3500.0	11.65	210.05	3467.9	-287.1	-166.1	331.7	0.00	0.00	0.00	0.00
3600.0	11.65	210.05	3565.9	-304.6	-176.2	351.9	0.00	0.00	0.00	0.00
3700.0	11.65	210.05	3663.8	-322.1	-186.3	372.1	0.00	0.00	0.00	0.00
3800.0	11.65	210.05	3761.8	-339.5	-196.4	392.3	0.00	0.00	0.00	0.00
3900.0	11.65	210.05	3859.7	-357.0	-206.6	412.5	0.00	0.00	0.00	0.00
4000.0	11.65	210.05	3957.6	-374.5	-216.7	432.7	0.00	0.00	0.00	0.00
4100.0	11.65	210.05	4055.6	-392.0	-226.8	452.9	0.00	0.00	0.00	0.00
4151.5	11.65	210.05	4108.0	-401.0	-232.0	463.3	0.00	0.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4200.0	11.65	210.05	4153.5	-409.5	-236.9	473.1	0.00	0.00	0.00	0.00
4300.0	11.65	210.05	4251.5	-427.0	-247.0	493.3	0.00	0.00	0.00	0.00
4376.5	11.65	210.05	4326.4	-440.3	-254.8	508.7	0.00	0.00	0.00	0.00

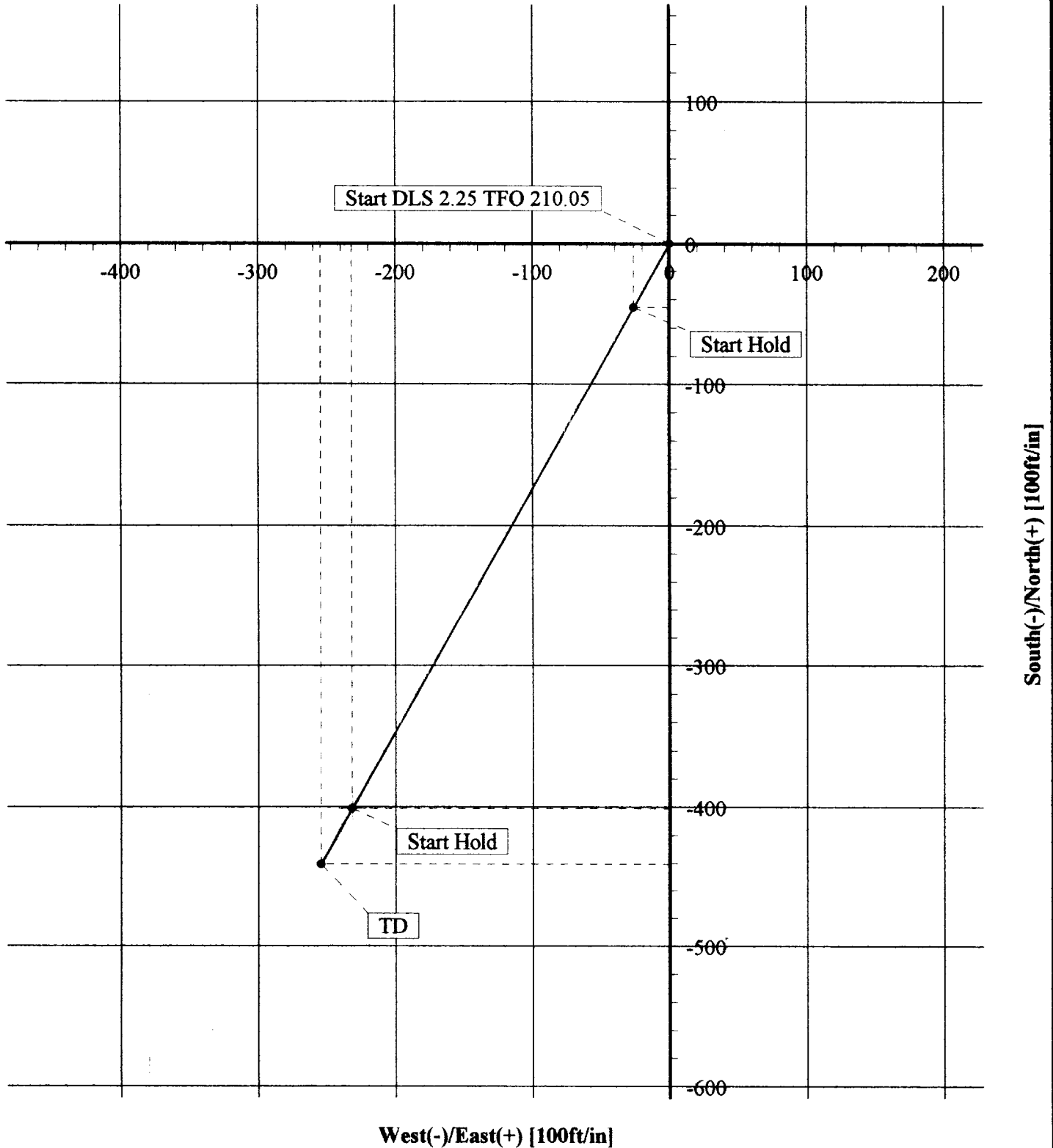




Scientific
Drilling

OXY Permian

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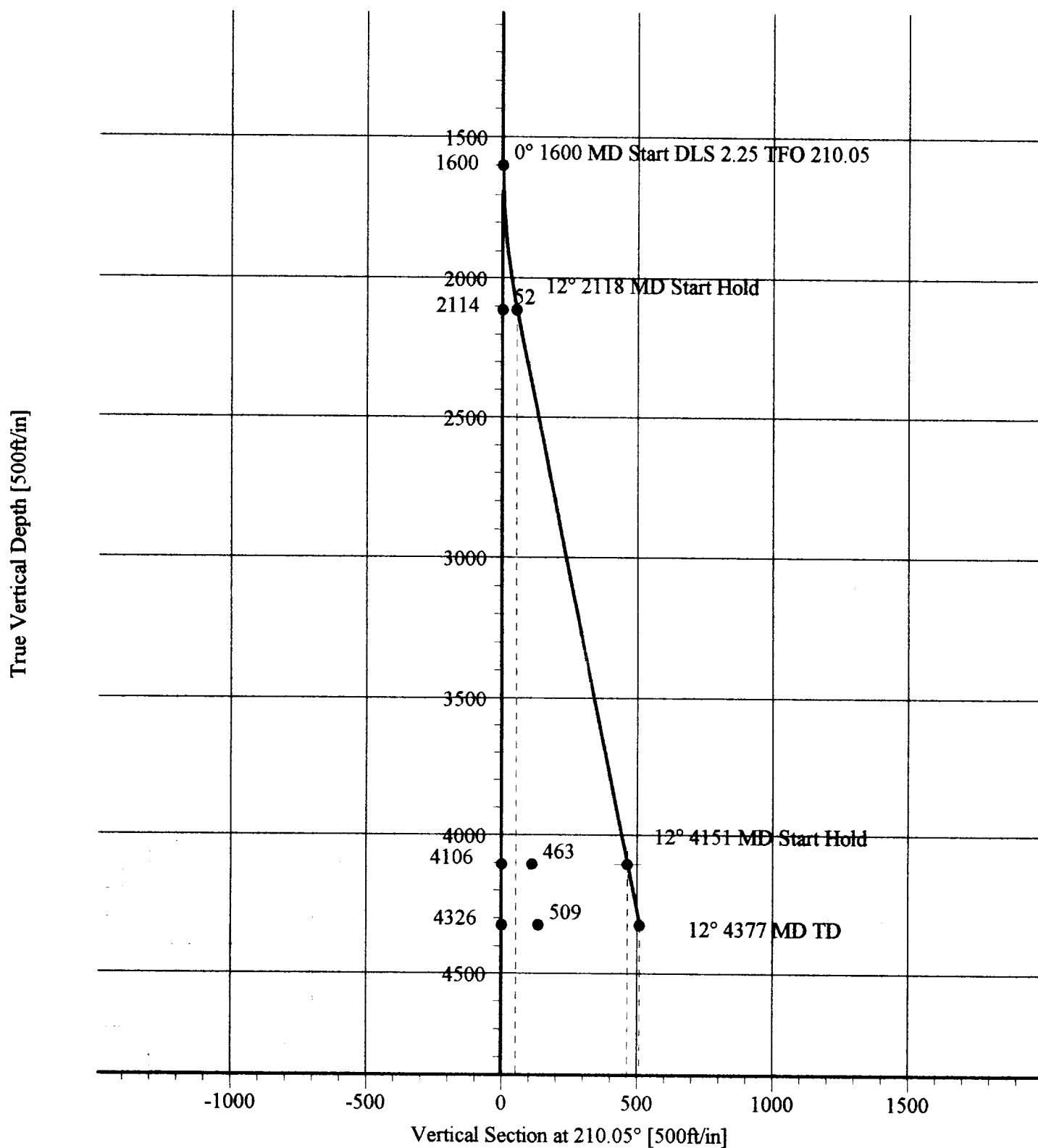




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ELF 8/7/01
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

