

30-015-40167

Company Name: Mewbourne Oil Co
Bradley 30 Federal Com #2H
Eddy County, New Mexico
Rig: Patterson-UTI 46
Created By: Dina Chance
Date: 6/13/2012

Bradley 30 Federal Com #2H
Eddy County, New Mexico
Q110877 & WT-12354



Mewbourne Oil Company

PROJECT DETAILS: Eddy County, New Mexico
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level



Azimuths to Grid North

Magnetic North 7.57°

Magnetic Field

Strength: 48807.1snT

Dip Angle: 60.55°

Date: 1/3/2012

Model: IGRF2010

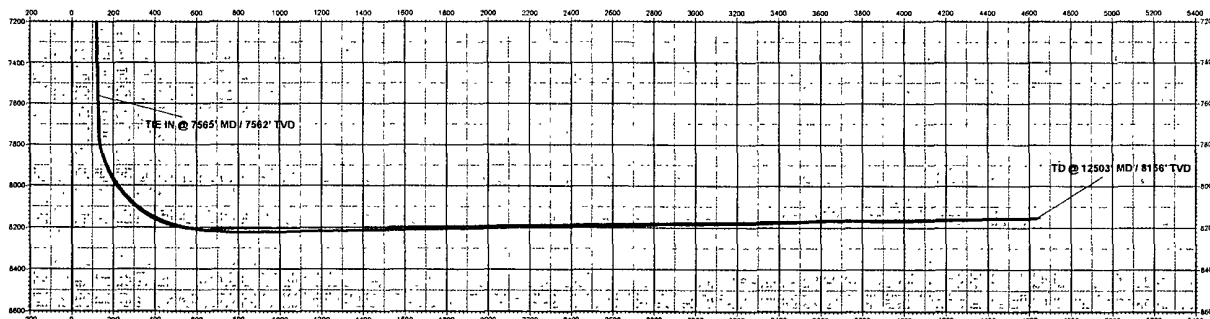
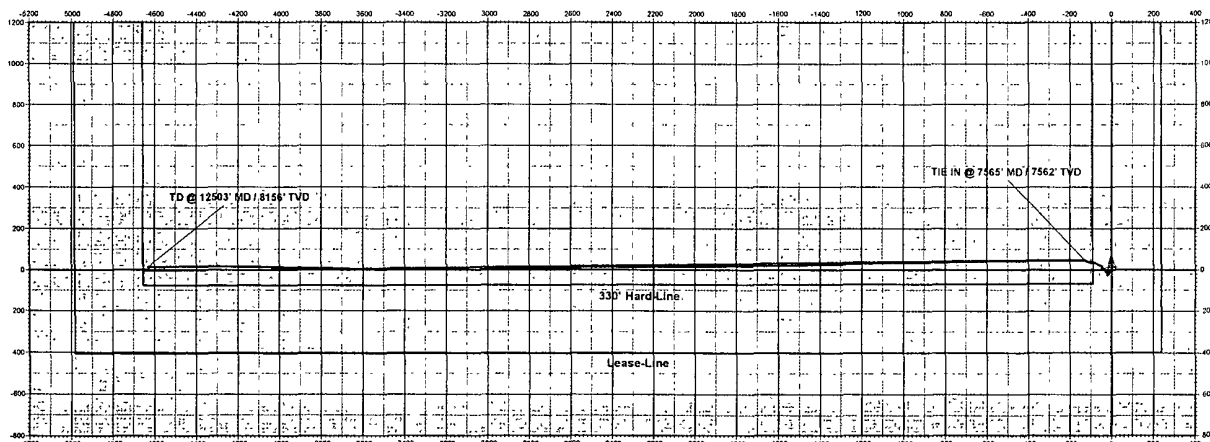
WELL DETAILS					
Bradley 30 Federal Com #2H					
+N/-S	+E/-W	Ground Level	3445.0		
0.0	0.0	622986.86	601612.60	32° 42' 44.110 N	104° 0' 10.880 W

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V-Sect	Departure	Annotation
7565.0	1.53	286.94	7561.6	45.0	-126.1	126.0	191.0	TIE IN @ 7565 MD / 7562 TVD
12503.0	90.10	268.70	8156.1	11.0	-4633.0	4632.9	4699.0	TD @ 12503 MD / 8156 TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northings	Easting	Latitude	Longitude
PBHL Bradley 30 Federal Com #2H Design #2 8153.0	-7.1	-4653.8	622979.76	596958.78	32° 42' 44.180 N	104° 0' 10.150 W	
- plan hits target center							



Vertical Section at 269.91° (200 usft/in)

Operating Company Mewbourne
Well Name & Number Bradley 30 Fed 2H
Sales Ticket Number 4707060
Date 6/10/2012

Company Rep Lynn Simmons
Field Santo Nino
BOT Service Rep Jorge Molinar, Jr
District Location Odessa, Texas, USA



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	P-110	6.276	6.151		0.03826	8,477.00	9,960	6,230	
Top Liner	4.500	13.50	338000	3.920	3.795	LT&C	0.01492	4,207.54	12,410	10,680	
Bott Liner											
TVD		8,156.00		KOP		7,748.00		Open Hole	6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propan Content (ppa)				Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Perforation ID	Shear Stress	Rate (GPM)	Displ (BBL)
Liner Top	1	JR Setting Sleeve_RH Profile	8242.46							

Zone Length										
30 129	JR Sleeve_S3 Hyd Set Packer		8242.46	8 63	5.813	3.875				
	4-1/2-13.5 LTC Nipple		8251.09	8.09	5 000	3 920				
	8 Joints of 4-1/2-13 5 LTC Casing		8259.18	305.91	5.000	3.920				
	3 625 EX Frac Sleeve		8565.09	3 55	5 750		3 525	2375	316	315
	1 Joint of 4-1/2-13 5 LTC Casing		8568.64	38 31	5 000	3 920				
29 125.9	Baker Open Hole Packer		8606.95	3.89	5 820	3.875		2154		
	2 Joints of 4-1/2-13 5 LTC Casing		8610.84	76.50	5.000	3.920				
	3.500 EX-C Frac Sleeve		8687.34	3.55	5.750		3.448	2375	302	315
	1 Joint of 4-1/2-13.5 LTC Casing		8690.89	38.05	5 000	3 920				
	Baker Open Hole Packer		8728.94	3 89	5 820	3 875		2154		
28 126.1	2 Joints of 4-1/2-13.5 LTC Casing		8732.83	76.51	5.000	3.920				
	3.438 EX-C Frac Sleeve		8809.34	3.55	5.750		3.385	2375	291	315
	1 Joint of 4-1/2-13 5 LTC Casing		8812.89	38 26	5 000	3 920				
	Baker Open Hole Packer		8851.15	3.89	5 820	3.875		2154		
	2 Joints of 4-1/2-13.5 LTC Casing		8855.04	76.59	5.000	3.920				
27 126.2	3 375 EX_C Frac Sleeve		8931.63	3.55	5 750		3.323	2375	281	315
	1 Joint of 4-1/2-13.5 LTC Casing		8935.18	38.25	5.000	3.920				
	Baker Open Hole Packer		8973.43	3.89	5.820	3.875		2154		
	2 Joints of 4-1/2-13 5 LTC Casing		8977.32	74.79	5.000	3.920				
	3.313 EX-C Frac Sleeve		9052.11	3.55	5.750		3.260	2375	270	315
26 161.2	2 Joints of 4-1/2-13.5 LTC Casing		9055.66	75.12	5.000	3.920				
	Baker Open Hole Packer		9130.78	3.89	5.820	3.875		2154		

Operating Company Mewbourne
Well Name & Number Bradley 30 Fed 2H
Sales Ticket Number 4707060
Date 6/10/2012

Company Rep Lynn Simmons
Field Santo Nino
BOT Service Rep Jorge Molinar, Jr
District Location Odessa, Texas, USA



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse
Casing	7.000	26.00	P-110	6.276	6.151		0.03826	8,477.00	9,960	6,230
Top Liner	4.500	13.50	338000	3.920	3.795	LT&C	0.01492	4,207.54	12,410	10,680
Bott Liner										
TVD		8,156.00	KOP		7,748.00	Open Hole		6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)		8.4	Propan Content (ppa)				Max Drill Out Size			0

	Comm. Number	Description	Depth	Length	OD	ID	Weight (lb/ft)	Yield Point (psi)	Min. Tensile (lb)	Min. Collapse (psi)
25 125.7		2 Joints of 4-1/2-13.5 LTC Casing	9134.67	76.48	5.000	3.920				
		3.250 EX-C Frac Sleeve	9211.15	3.55	5.750		3.198	2375	260	315
		1 Joint of 4-1/2-13.5 LTC Casing	9214.70	37.86	5.000	3.920				
24 164.1		Baker Open Hole Packer	9252.56	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	9256.45	76.22	5.000	3.920				
		3 188 EX-C Frac Sleeve	9332.67	3.55	5.750		3.135	2375	250	315
23 126.1		2 Joints of 4-1/2-13.5 LTC Casing	9336.22	76.54	5.000	3.920				
		Baker Open Hole Packer	9412.76	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	9416.65	76.86	5.000	3.920				
22 164.6		3 125 EX-C Frac Sleeve	9493.51	3.55	5.750		3.073	2375	240	315
		1 Joint of 4-1/2-13.5 LTC Casing	9497.06	37.93	5.000	3.920				
		Baker Open Hole Packer	9534.99	3.89	5.820	3.875		2154		
21 125.9		2 Joints of 4-1/2-13.5 LTC Casing	9538.88	76.58	5.000	3.920				
		3.063 EX-C Frac Sleeve	9615.46	3.55	5.750		3.010	2375	230	315
		2 Joints of 4-1/2-13.5 LTC Casing	9619.01	76.64	5.000	3.920				
20 164.5		Baker Open Hole Packer	9695.65	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	9699.54	76.54	5.000	3.920				
		3.000 EX-C Frac sleeve	9776.08	3.55	5.750		2.948	2375	221	315
19		1 Joint of 4-1/2-13.5 LTC Casing	9779.63	38.05	5.000	3.920				
		Baker Open Hole Packer	9817.68	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	9821.57	76.58	5.000	3.920				
		2.938 EX-C Frac Sleeve	9898.15	3.55	5.750		2.885	2375	212	315
		2 Joints of 4-1/2-13.5 LTC Casing	9901.70	76.63	5.000	3.920				
		Baker Open Hole Packer	9978.33	3.89	5.820	3.875		2154		
		1 Joint of 4-1/2-13.5 LTC Casing	9982.22	38.32	5.000	3.920				
		2 875 EX-C Frac Sleeve	10020.54	3.55	5.750		2.823	2375	203	315

Operating Company Mewbourne
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Sales Ticket Number 4707060
Date 6/10/2012

Company Rep Lynn Simmons
Field Santo Nino
BOT Service Rep Jorge Molinar, Jr.
District Location Odessa, Texas, USA



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	P-110	6.276	6.151		0.03826	8,477.00	9,960	6,230	
Top Liner	4.500	13.50	338000	3.920	3.795	LT&C	0.01492	4,207.54	12,410	10,680	
Bott Liner											
TVD		8,156.00		KOP		7,748.00		Open Hole	6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propan Content (ppa)				Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Pin Size	Wt lb	Disp bbl
125.9		2 Joints of 4-1/2-13.5 LTC Casing	10024.09	76.27	5 000	3 920				
		Baker Open Hole Packer	10100.36	3.89	5.820	3.875		2154		
		1 Joint of 4-1/2-13.5 LTC Casing	10104.25	38.05	5.000	3.920				
18		2 813 EX_C Frac Sleeve	10142.30	3.55	5 750		2.760	2375	194	315
126		2 Joints of 4-1/2-13.5 LTC Casing	10145.85	76.63	5.000	3.920				
		Baker Open Hole Packer	10222.48	3.89	5.820	3.875		2154		
		1 Joint of 4-1/2-13.5 LTC Casing	10226.37	38.32	5.000	3.920				
17		2.750 EX_C Frac Sleeve	10264.69	3.55	5 750		2.698	2375	185	315
126.8		2 Joints of 4-1/2-13.5 LTC Casing	10268.24	77.12	5 000	3 920				
		Baker Open Hole Packer	10345.36	3.89	5.820	3.875		2154		
		1 Joint of 4-1/2-13.5 LTC Casing	10349.25	38.21	5 000	3.920				
16		2 688 EX_C Frac Sleeve	10387.46	3.55	5 750		2.635	2375	177	315
126.6		2 Joints of 4-1/2-13.5 LTC Casing	10391.01	77.02	5.000	3.920				
		Baker Open Hole Packer	10468.03	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	10471.92	76.00	5.000	3.920				
15		2.625 EX_C Frac Sleeve	10547.92	3.55	5.750		2.573	2375	168	315
125.2		1 Joint of 4-1/2-13.5 LTC Casing	10551.47	37.90	5 000	3.920				
		Baker Open Hole Packer	10589.37	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	10593.26	75.77	5.000	3.920				
14		2.563 EX_C Frac Sleeve	10669.03	3.55	5 750		2.510	2375	160	315
163.7		2 Joints of 4-1/2-13.5 LTC Casing	10672.58	76.55	5.000	3.920				
		Baker Open Hole Packer	10749.13	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	10753.02	75.74	5.000	3.920				
13		2.500 EX_C Frac Sleeve	10828.76	3.55	5 750		2.448	2375	152	315
124.9		1 Joint of 4-1/2-13.5 LTC Casing	10832.31	37.84	5.000	3.920				
		Baker Open Hole Packer	10870.15	3.89	5.820	3.875		2154		

Operating Company Mewbourne
 Well Name & Number Bradley 30 Fed 2H
 Sales Ticket Number 4707060
 Date 6/10/2012

Company Rep Lynn Simmons
 Field Santo Nino
 BOT Service Rep Jorge Molinar, Jr.
 District Location Odessa, Texas, USA



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse
Casing	7.000	26.00	P-110	6.276	6.151		0.03826	8,477.00	9,960	6,230
Top Liner	4.500	13.50	338000	3.920	3.795	LT&C	0.01492	4,207.54	12,410	10,680
Bott Liner										
TVD	8,156.00		KOP	7,748.00		Open Hole	6.125		Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)	8.4		Propan Content (ppa)			Max Drill Out Size	0			

	Comm. Number	Description	Depth	Length	OD	ID	Weight lb/ft	Stress psi	API BPM	API BBL
12 164.1		2 Joints of 4-1/2-13.5 LTC Casing	10874.04	76.62	5.000	3.920				
		2 438 EX_C Frac Sleeve	10950.66	3.55	5.750		2.386	2375	145	315
		2 Joints of 4-1/2-13.5 LTC Casing	10954.21	76.11	5.000	3.920				
11 125.7		Baker Open Hole Packer	11030.32	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	11034.21	76.03	5.000	3.920				
		2.375 EX_C Frac Sleeve	11110.24	3.55	5.750		2.323	2375	137	315
10 164.7		1 Joint of 4-1/2-13.5 LTC Casing	11113.79	38.33	5.000	3.920				
		Baker Open Hole Packer	11152.12	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	11156.01	76.74	5.000	3.920				
9 126.4		2 313 EX_C Frac Sleeve	11232.75	3.55	5.750		2.261	2375	130	315
		2 Joints of 4-1/2-13.5 LTC Casing	11236.30	76.58	5.000	3.920				
		Baker Open Hole Packer	11312.88	3.89	5.820	3.875		2154		
8 126.6		2 Joints of 4-1/2-13.5 LTC Casing	11316.77	76.64	5.000	3.920				
		2.250 EX Frac Sleeve	11393.41	3.89	5.750		2.150	2286	115	315
		1 Joint of 4-1/2-13.5 LTC Casing	11397.30	38.10	5.000	3.920				
7 164		Baker Open Hole Packer	11435.40	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	11439.29	76.63	5.000	3.920				
		2.125 EX Frac Sleeve	11515.92	3.89	5.750		2.025	2286	102	315
6		1 Joint of 4-1/2-13.5 LTC Casing	11519.81	38.28	5.000	3.920				
		Baker Open Hole Packer	11558.09	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	11561.98	76.61	5.000	3.920				
		2 000 EX Frac Sleeve	11638.59	3.89	5.750		1.900	2286	90	315
		2 Joints of 4-1/2-13.5 LTC Casing	11642.48	75.69	5.000	3.920				
		Baker Open Hole Packer	11718.17	3.89	5.820	3.875		2154		
		2 Joints of 4-1/2-13.5 LTC Casing	11722.06	75.23	5.000	3.920				
		1 875 EX Frac Sleeve	11797.29	3.89	5.750		1.775	2286	79	315

Company Rep	Lynn Simmons
Field	Santo Nino
BOT Service Rep	Jorge Molinar, Jr.
District Location	Odessa, Texas, USA



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Casing	7.000	26.00	P-110	6.276	6.151		0.03826	8,477.00	9,960	6,230	
Top Liner	4.500	13.50	338000	3.920	3.795	LT&C	0.01492	4,207.54	12,410	10,680	
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TVD		8,156.00		KOP		7,748.00	Open Hole		6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)				Max Drill Out Size		0

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