

30-015-38083

MEWBOURNE OIL

Undesignated Yeso

Eddy County, NM

Wyatt Draw 24 L #1 (LE)

VH - Job #32K0910706

Survey: Actual

SDI Standard Survey Report

12 October, 2010

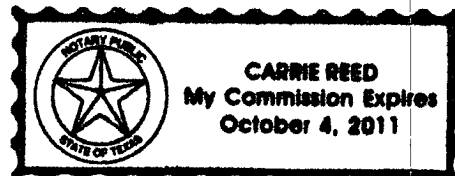
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notorized this date 13th of October, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	MEWBOURNE OIL	Local Co-ordinate Reference:	Well Wyatt Draw 24 L #1
Project:	Undesignated Yeso	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Wyatt Draw 24 L #1	North Reference:	Grid
Wellbore:	VH - Job #32K0910706	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0910706	Database:	EDM-Regulatory

Project	Undesignated Yeso		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Well	Wyatt Draw 24 L #1, Directional (Baker)				
Well Position	+N/-S	0.0 usft	Northing:	598,745.44 usft	Latitude: 32° 38' 45.600 N
	+E/-W	0.0 usft	Easting:	464,397.60 usft	Longitude: 104° 26' 56.400 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level: 0.0 usft

Wellbore	VH - Job #32K0910706				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	9/21/2010	8.17	60.44	48,900

Design	VH - Job #32K0910706				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	180.56	

Survey Program	Date	10/12/2010			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	2,084.0	Actual (VH - Job #32K0910706)	Keeper	Keeper Gyro	

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0
100.0	0.32	120.46	100.0	-0.1	0.2	120.46	0.3
200.0	0.48	154.47	200.0	-0.7	0.7	134.96	0.9
300.0	0.43	189.35	300.0	-1.4	0.8	150.99	1.6
400.0	0.40	183.95	400.0	-2.1	0.7	161.88	2.2
500.0	0.61	196.39	500.0	-3.0	0.5	170.08	3.0
600.0	0.98	173.75	600.0	-4.3	0.5	173.89	4.4
700.0	0.79	177.45	700.0	-5.9	0.6	174.29	5.9
800.0	0.64	187.18	800.0	-7.1	0.5	175.59	7.2
900.0	0.52	197.43	900.0	-8.1	0.3	177.57	8.1
1,000.0	0.51	198.82	999.9	-9.0	0.1	179.59	9.0
1,100.0	0.23	192.95	1,099.9	-9.6	-0.1	180.74	9.6
1,200.0	0.22	173.16	1,199.9	-10.0	-0.1	180.84	10.0
1,300.0	0.11	129.14	1,299.9	-10.2	0.0	180.27	10.2
1,400.0	0.12	177.98	1,399.9	-10.4	0.0	179.84	10.4
1,500.0	0.06	115.37	1,499.9	-10.5	0.1	179.56	10.5
1,600.0	0.05	359.29	1,599.9	-10.5	0.1	179.31	10.5

Scientific Drilling International, Inc.

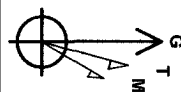
SDI Standard Survey Report

Company:	MEWBOURNE OIL	Local Co-ordinate Reference:	Well Wyatt Draw 24 L #1
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Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Wyatt Draw 24 L #1	North Reference:	Grid
Wellbore:	VH - Job #32K0910706	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #32K0910706	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,700.0	0.39	281.44	1,699.9	-10.4	-0.2	181.14	10.4
1,800.0	0.55	288.41	1,799.9	-10.2	-1.0	185.60	10.2
1,900.0	0.73	283.24	1,899.9	-9.9	-2.1	191.86	10.1
2,000.0	0.92	294.59	1,999.9	-9.4	-3.4	200.02	10.0
2,084.0	0.90	304.77	2,083.9	-8.7	-4.6	207.66	9.9

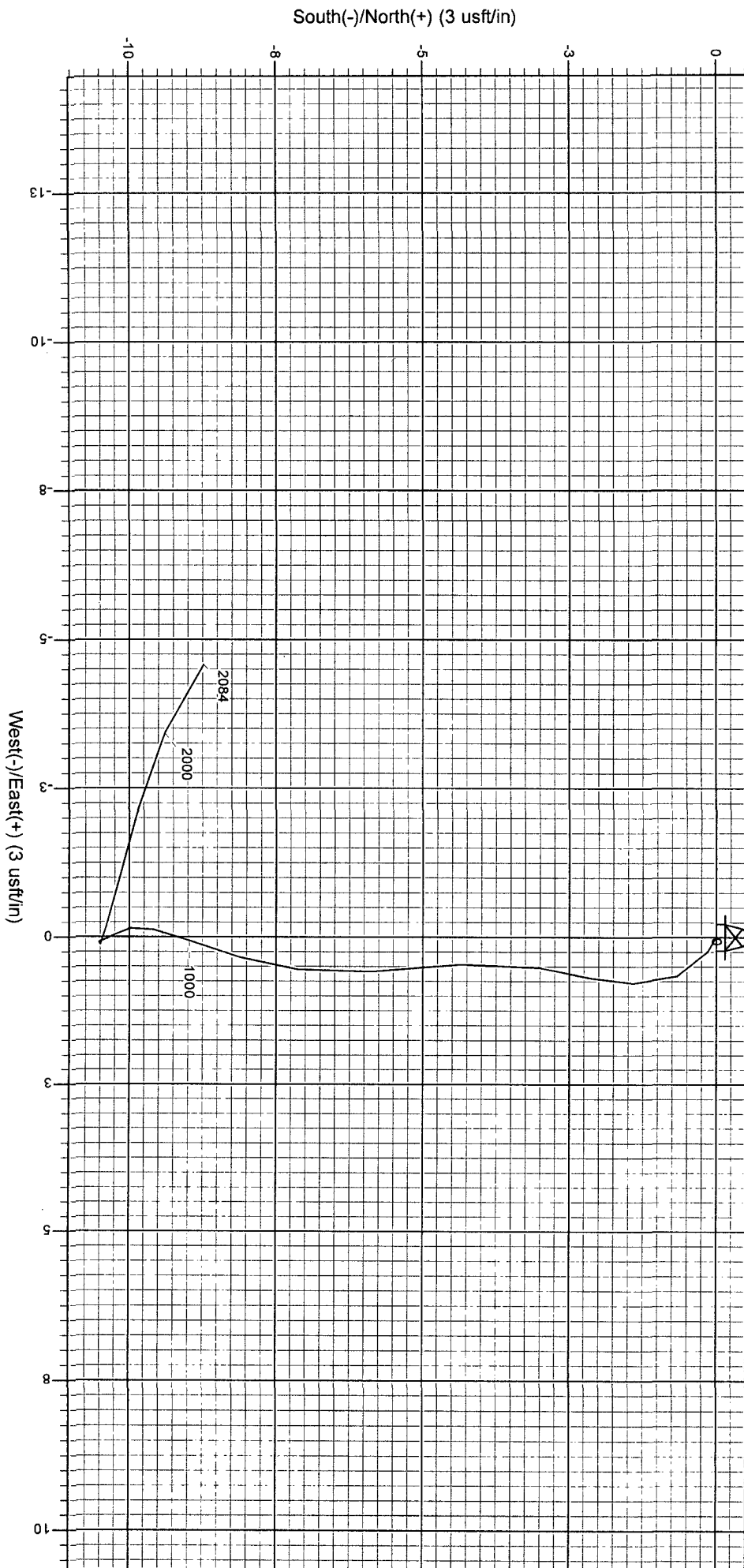


Project: Undesignated Yeso
Eddy County, NM
Well: Wyatt Draw 24 L #1
Wellbore: VH - Job #32K0910706
Design: VH - Job #32K0910706



Azimuths to Grid North
True North: 0.06°
Magnetic North: 8.24°
Magnetic Field
Strength: 48899.65nT
Dip Angle: 60.44°
Date: 9/21/2010
Model: BGM2010

WELL DETAILS: Wyatt Draw 24 L #1
WELL @ 0.0usft (Original Well Elev)
Ground Level: 0.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 598745.44 464397.60 32° 38' 45.600 N 104° 26' 56.400 W



PROJECT DETAILS: Undesignated Yeso
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

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 38' 45.600 N
Longitude: 104° 26' 56.400 W
Positional Uncertainty: 0.0
Convergence: -0.06
Local North: Grid