

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 11 2015

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3001542898

Mewbourne Oil Company

Eddy County, NM
Leo 15 Federal COM
B2DH No. 1H
OH

Design: OH

EOW Report

23 February, 2015





Mewbourne Oil Company
 Project: Eddy County, NM
 Site: Leo 15 Federal COM
 Well: B2DH No. 1H
 Wellbore: OH
 Design: Plan #2
 Lat: 32° 45' 13.191 N
 Long: 103° 58' 0.001 W
 Pad GL: 3519.00
 KB: WELL @ 3539.00usf (RKB: 20' + GL: 3519')

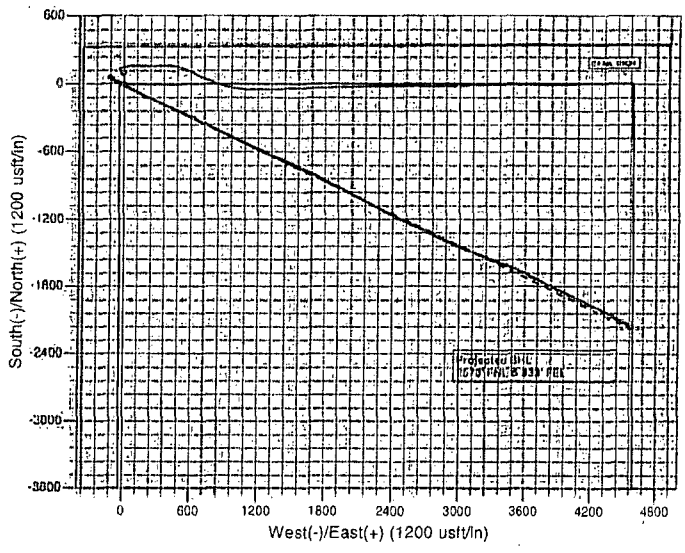
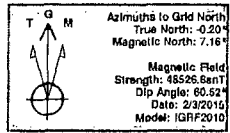


SECTION DETAILS								
MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect
7620.00	0.11	98.82	7616.05	48.07	-142.24	0.00	0.00	-149.56
7770.00	0.11	98.82	7766.05	48.02	-141.96	0.00	0.00	-149.58
8507.72	98.63	115.33	8242.49	-150.16	279.41	12.00	15.41	316.79
13264.90	98.63	115.33	8356.00	-2184.78	4578.03	0.00	0.00	5072.61

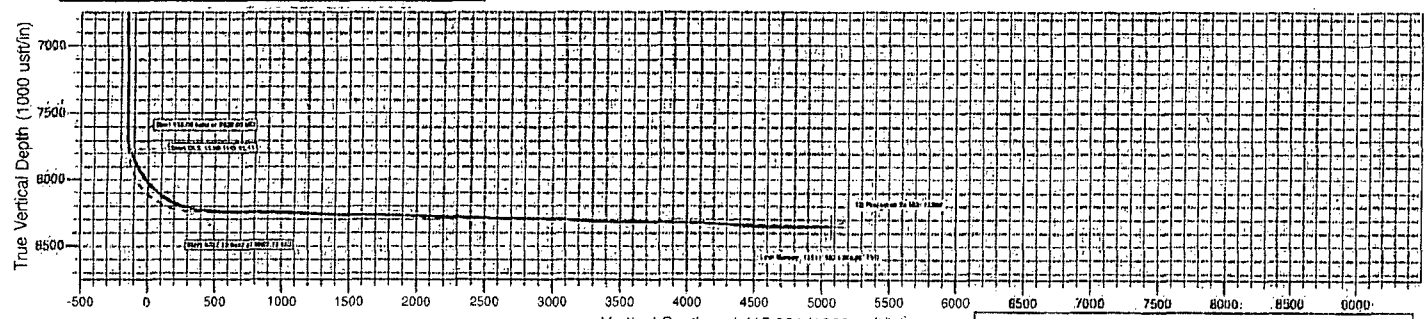
WELL DETAILS: B2DH No. 1H						
+N-S	+E-W	Northing	Ground Level	Latitude	Longitude	
0.00	0.00	638089.10	3518.00	32° 45' 13.191 N	103° 58' 0.001 W	

DESIGN TARGET DETAILS							
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
Leo 15 No. 3H TD/PBHL	8356.00	-2184.78	4578.03	638089.32	617300.43	32° 44' 51.412 N	103° 57' 6.499 W

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



NOTE: All Lease lines and Hard lines are estimates only and are subject to the customers' approval.



Plan: Plan #2 (B2DH No. 1H/OH)
 Created By: Chris LeMaster Date: 15:43, April 01 2015



INWELL LLC
EOW Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well B2DH No. 1H
Project:	Eddy County, NM	TVD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Site:	Leo 15 Federal COM	MD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Well:	B2DH No. 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM ON IWSERVER

Project:	Eddy County, NM		
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		

Site:	Leo 15 Federal COM				
Site Position:		Northing:	638,089.10 usft	Latitude:	32° 45' 13.191 N
From:	Map	Easting:	612,725.00 usft	Longitude:	103° 58' 0.006 W
Position Uncertainty:	3.30 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.20 °

Well:	B2DH No. 1H					
Well Position	+N-S	0.00 usft	Northing:	638,089.10 usft	Latitude:	32° 45' 13.191 N
	+E-W	0.00 usft	Easting:	612,725.40 usft	Longitude:	103° 58' 0.001 W
Position Uncertainty		1.10 usft	Wellhead Elevation:	usft	Ground Level:	3,519.00 usft

Wellbore:	OH				
Magnetics:	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	2/3/2015	7.36	60.52	48,527

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section	Depth From (TVD)	N/S	E/W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	115.51	

Survey Program	Date	2/23/2015			
From	To	Survey (Wellbore)	Tool Name	Description	
(usft)	(usft)				
100.00	7,620.00	MS Gyro (OH)	CB-GYRO-MS	Camera based gyro multishot	
7,633.00	13,200.00	MWD (OH)	MWD	MWD - Standard	

Survey	MD	Inc	Azi (azimuth)	TVD	N/S	E/W	V. Sec	D Leg	
	(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(%/100usft)	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	100.00	0.36	32.58	100.00	0.26	0.17	0.04	0.36	
	200.00	0.44	285.48	200.00	0.63	-0.03	-0.30	0.65	
	300.00	1.09	314.48	299.99	1.40	-1.08	-1.58	0.74	
	400.00	1.72	288.49	399.96	2.54	-3.18	-3.97	0.88	
	500.00	1.51	277.43	499.92	3.19	-5.91	-6.71	0.37	
	600.00	2.14	281.01	599.87	3.72	-9.05	-9.77	0.64	
	700.00	2.08	268.93	699.80	4.04	-12.70	-13.20	0.45	
	800.00	2.12	282.97	799.73	4.42	-16.32	-16.63	0.51	
	900.00	2.26	273.18	899.66	4.94	-20.09	-20.26	0.40	
	1,000.00	1.78	277.16	999.60	5.25	-23.60	-23.56	0.50	



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Site: Leo 15 Federal COM	MD Reference: WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Well: B2DH No. 1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM ON IWSERVER

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V-Sec (usft)	D'Log (%/100usft)
1,100.00	2.24	282.13	1,099.54	5.85	-27.05	-26.93	0.49
1,200.00	1.88	284.04	1,199.47	6.66	-30.55	-30.44	0.37
1,300.00	1.17	315.47	1,299.44	7.79	-32.86	-33.01	1.07
1,400.00	1.29	314.05	1,399.42	9.30	-34.38	-35.03	0.12
1,500.00	0.93	314.59	1,499.40	10.65	-35.77	-36.87	0.36
1,600.00	1.34	310.16	1,599.38	11.97	-37.24	-38.77	0.42
1,700.00	1.31	294.05	1,699.35	13.19	-39.18	-41.04	0.37
1,800.00	1.34	312.12	1,799.32	14.44	-41.09	-43.30	0.42
1,900.00	1.87	297.41	1,899.28	15.98	-43.41	-46.06	0.67
2,000.00	1.64	296.91	1,999.24	17.38	-46.13	-49.12	0.23
2,100.00	2.12	301.26	2,099.18	18.98	-48.99	-52.39	0.50
2,200.00	2.06	292.87	2,199.12	20.64	-52.22	-56.02	0.31
2,300.00	1.93	300.64	2,299.06	22.20	-55.33	-59.50	0.30
2,400.00	2.42	299.74	2,398.98	24.11	-58.61	-63.28	0.49
2,500.00	2.39	292.97	2,498.90	25.97	-62.36	-67.47	0.29
2,600.00	2.28	293.30	2,598.81	27.57	-66.11	-71.54	0.11
2,700.00	2.69	303.38	2,698.72	29.64	-69.90	-75.85	0.60
2,800.00	3.04	298.72	2,798.60	32.21	-74.18	-80.82	0.42
2,900.00	3.26	299.20	2,898.44	34.87	-78.99	-86.31	0.22
3,000.00	3.33	300.12	2,998.28	37.72	-83.98	-92.04	0.09
3,100.00	3.30	302.77	3,098.11	40.73	-88.92	-97.79	0.16
3,200.00	3.71	309.42	3,197.92	44.34	-93.84	-103.78	0.58
3,300.00	4.22	307.23	3,297.68	48.62	-99.26	-110.53	0.53
3,400.00	4.56	306.76	3,397.39	53.23	-105.38	-118.03	0.34
3,500.00	4.70	307.40	3,497.07	58.10	-111.82	-125.94	0.15
3,600.00	4.86	308.22	3,596.72	63.21	-118.40	-134.08	0.17
3,700.00	3.38	299.45	3,696.46	67.28	-124.30	-141.15	1.60
3,800.00	1.57	266.38	3,796.36	68.64	-128.23	-145.29	2.23
3,900.00	0.92	197.24	3,896.34	67.79	-129.84	-146.37	1.51
4,000.00	0.39	128.41	3,996.34	66.81	-129.81	-145.92	0.86
4,100.00	0.05	49.03	4,096.34	66.62	-129.51	-145.57	0.38
4,200.00	0.10	23.12	4,196.34	66.73	-129.44	-145.56	0.06
4,300.00	0.21	17.76	4,296.34	68.99	-129.35	-145.59	0.11
4,400.00	0.28	318.76	4,396.34	67.35	-129.46	-145.84	0.25
4,500.00	0.27	274.62	4,496.34	67.55	-129.85	-146.28	0.21
4,600.00	0.28	260.47	4,596.33	67.53	-130.33	-146.70	0.07
4,700.00	0.35	263.43	4,696.33	67.45	-130.87	-147.16	0.07
4,800.00	0.26	174.38	4,796.33	67.19	-131.15	-147.30	0.43
4,900.00	0.13	249.83	4,896.33	66.93	-131.24	-147.27	0.26
5,000.00	0.13	141.13	4,996.33	66.80	-131.27	-147.24	0.21
5,100.00	0.12	11.68	5,096.33	66.81	-131.18	-147.17	0.23
5,200.00	0.27	269.99	5,196.33	66.92	-131.39	-147.40	0.32
5,300.00	0.21	229.61	5,296.33	66.80	-131.77	-147.69	0.17
5,400.00	0.15	172.62	5,396.33	66.55	-131.89	-147.69	0.18



INWELL LLC
EOW Report



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Project:	Eddy County, NM	TVD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Site:	Leo 15 Federal COM	MD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Well:	B2DH No. 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM ON IWSERVER

MD (usft)	Inc (%)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	D. Leg (°/100usft)
5,500.00	0.19	105.50	5,496.33	66.37	-131.72	-147.46	0.19
5,600.00	0.12	333.42	5,596.33	66.42	-131.60	-147.38	0.28
5,700.00	0.17	271.55	5,696.33	66.52	-131.80	-147.60	0.16
5,800.00	0.37	192.47	5,796.33	66.21	-132.02	-147.66	0.38
5,900.00	0.34	114.83	5,896.33	65.77	-131.82	-147.29	0.45
6,000.00	0.19	198.85	5,996.33	65.49	-131.60	-146.97	0.37
6,100.00	0.45	154.24	6,096.32	64.98	-131.48	-146.65	0.34
6,200.00	0.52	251.53	6,196.32	64.48	-131.74	-146.67	0.73
6,300.00	1.12	242.42	6,296.31	63.88	-133.04	-147.58	0.61
6,400.00	1.06	245.50	6,396.29	63.05	-134.75	-148.76	0.08
6,500.00	1.78	267.83	6,496.26	62.61	-137.14	-150.73	0.90
6,600.00	2.27	253.61	6,596.20	61.99	-140.59	-153.58	0.70
6,700.00	0.79	226.22	6,696.16	60.95	-142.99	-155.30	1.61
6,800.00	1.04	185.44	6,796.15	59.57	-143.57	-155.23	0.68
6,900.00	1.55	193.31	6,896.13	57.35	-143.97	-154.64	0.54
7,000.00	1.51	168.17	6,996.09	54.75	-144.01	-153.55	0.67
7,100.00	0.86	176.33	7,096.07	52.71	-143.70	-152.39	0.67
7,200.00	0.86	156.14	7,196.06	51.27	-143.34	-151.45	0.30
7,300.00	0.33	157.35	7,296.05	50.32	-142.93	-150.67	0.53
7,400.00	0.51	169.47	7,396.05	49.62	-142.74	-150.19	0.20
7,500.00	0.27	103.72	7,496.05	49.12	-142.43	-149.70	0.47
7,600.00	0.06	273.09	7,596.05	49.07	-142.25	-149.52	0.33
7,620.00	0.11	99.92	7,616.05	49.07	-142.24	-149.51	0.85
7,633.00	0.30	20.80	7,629.05	49.10	-142.22	-149.50	2.30
7,665.00	0.30	339.80	7,661.05	49.26	-142.22	-149.56	0.66
7,697.00	1.90	113.00	7,693.04	49.13	-141.76	-149.09	6.61
7,729.00	7.40	111.30	7,724.92	48.17	-139.35	-146.51	17.19
7,760.00	12.50	110.10	7,755.45	46.29	-134.33	-141.17	16.46
7,792.00	16.80	110.70	7,786.40	43.46	-126.75	-133.11	13.45
7,824.00	20.40	111.80	7,816.72	39.76	-117.24	-122.94	11.30
7,855.00	23.30	111.20	7,845.49	35.53	-106.51	-111.43	9.38
7,887.00	26.10	110.90	7,874.56	30.73	-94.03	-98.10	8.76
7,919.00	28.00	111.40	7,903.06	25.48	-80.46	-83.59	5.98
7,950.00	29.60	112.60	7,930.23	19.88	-66.62	-68.68	5.49
7,982.00	31.90	113.20	7,957.73	13.51	-51.55	-52.34	7.25
8,014.00	34.80	115.30	7,984.45	6.28	-35.52	-34.76	9.75
8,046.00	37.00	117.90	8,010.38	-2.13	-18.75	-16.00	8.36
8,077.00	39.20	118.90	8,034.77	-11.23	-1.92	3.10	7.37
8,109.00	42.20	118.20	8,059.03	-21.20	16.41	23.94	9.48
8,141.00	45.40	117.20	8,082.12	-31.49	36.01	46.07	10.23
8,172.00	48.30	116.70	8,103.32	-41.74	56.17	68.67	9.43
8,204.00	52.40	116.30	8,123.73	-52.72	78.22	93.30	12.85
8,236.00	57.00	116.00	8,142.22	-64.23	101.66	119.41	14.40
8,267.00	60.20	116.00	8,158.37	-75.83	125.44	145.87	10.32
8,299.00	62.80	116.70	8,173.64	-88.31	150.63	173.98	8.35



INWELL LLC
EOW Report



Company: Mewbourne Oil Company
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 Site: Leo 15 Federal COM
 Well: B2DH No. 1H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well B2DH No. 1H
 TVD Reference: WELL @ 3539.00usft (RKB: 20' + GL: 3519')
 MD Reference: WELL @ 3539.00usft (RKB: 20' + GL: 3519')
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM ON IWSERVER

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V-9cc (usft)	DLeg (?/100usft)
8,331.00	65.50	116.70	8,187.59	-101.25	176.36	202.77	8.44
8,363.00	68.70	115.10	8,200.04	-114.12	202.87	232.24	11.01
8,394.00	71.50	113.70	8,210.59	-126.16	229.42	261.38	9.98
8,425.00	75.60	113.60	8,219.37	-138.08	256.65	291.09	13.23
8,457.00	78.50	113.70	8,226.54	-150.59	285.21	322.26	9.07
8,472.00	79.60	114.00	8,229.39	-156.54	298.68	336.98	7.59
8,549.00	85.20	116.80	8,239.57	-189.28	367.58	413.26	8.12
8,580.00	85.40	114.30	8,242.11	-202.60	395.46	444.16	8.06
8,612.00	86.10	114.30	8,244.48	-215.73	424.54	476.06	2.19
8,643.00	86.90	114.10	8,246.37	-228.42	452.76	507.00	2.66
8,674.00	87.60	113.80	8,247.86	-240.99	481.06	537.95	2.46
8,706.00	87.60	114.00	8,249.20	-253.94	510.29	569.91	0.62
8,738.00	88.60	114.60	8,250.26	-267.10	539.44	601.88	3.64
8,769.00	89.50	114.90	8,250.78	-280.08	567.59	632.87	3.06
8,801.00	90.10	114.90	8,250.89	-293.55	596.61	664.87	1.87
8,864.00	90.10	116.60	8,250.78	-320.92	653.36	727.87	2.70
8,928.00	89.50	117.40	8,251.00	-349.97	710.38	791.85	1.56
8,991.00	88.70	116.40	8,251.99	-378.47	766.55	854.82	2.03
9,054.00	88.50	115.80	8,253.53	-406.18	823.11	917.80	1.00
9,117.00	88.90	115.40	8,254.96	-433.39	879.91	980.78	0.90
9,181.00	88.70	115.30	8,256.30	-460.79	937.74	1,044.77	0.35
9,244.00	88.40	115.10	8,257.89	-487.60	994.72	1,107.74	0.57
9,307.00	88.10	114.60	8,259.82	-514.07	1,051.86	1,170.71	0.93
9,371.00	87.00	114.90	8,262.55	-540.84	1,109.93	1,234.65	1.78
9,434.00	87.40	114.60	8,265.63	-567.18	1,167.08	1,297.56	0.79
9,498.00	87.90	114.40	8,268.26	-593.70	1,225.26	1,361.50	0.84
9,561.00	88.40	114.20	8,270.29	-619.61	1,282.65	1,424.45	0.85
9,624.00	88.90	113.30	8,271.77	-644.98	1,340.30	1,487.41	1.63
9,687.00	89.60	112.70	8,272.60	-669.59	1,398.29	1,550.34	1.46
9,751.00	89.20	113.30	8,273.27	-694.60	1,457.19	1,614.27	1.13
9,814.00	89.60	113.10	8,273.93	-719.41	1,515.10	1,677.22	0.71
9,877.00	89.60	113.30	8,274.37	-744.23	1,573.00	1,740.17	0.32
9,941.00	89.20	115.30	8,275.04	-770.56	1,631.32	1,804.14	3.19
10,003.00	88.00	117.20	8,276.55	-797.98	1,686.91	1,866.12	3.62
10,067.00	88.00	117.40	8,278.79	-827.31	1,743.75	1,930.05	0.31
10,130.00	88.20	117.20	8,280.88	-856.19	1,799.70	1,992.98	0.45
10,193.00	88.20	116.70	8,282.85	-884.73	1,855.83	2,055.93	0.79
10,257.00	10235 87.70	117.40	8,285.14	-913.81 904	1,912.79 1844	2,119.87	1.34
10,320.00	89.00	117.40	8,286.96	-942.79 +	1,968.70 +	2,182.80	2.06
10,383.00	89.70	117.50	8,287.67	-971.83	2,024.60	2,245.76	1.12
10,447.00	88.80	117.30	8,288.51	-1,001.28 430	2,081.42 370	2,309.72	1.44
10,510.00	88.10	118.00	8,290.21	-1,030.51	2,137.20	2,372.65	1.57
10,573.00	87.30	118.00	8,292.74	-1,060.06 1334	2,192.78 2264	2,435.54	1.27
10,636.00	87.80	117.40	8,295.44	-1,089.32	2,248.51	2,498.44	1.24



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EOW Report



Company: Mewbourne Oil Company	Local Co-ordinate Reference: Well B2DH No. 1H
Project: Eddy County, NM	TVD Reference: WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Site: Leo 15 Federal COM	MD Reference: WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Well: B2DH No. 1H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: OH	Database: EDM ON IWSERVER

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	D Leg (100usft)
10,699.00	88.00	117.40	8,297.74	-1,118.29	2,304.41	2,561.36	0.32
10,762.00	88.70	117.20	8,299.56	-1,147.18	2,360.37	2,624.31	1.16
10,826.00	89.10	116.70	8,300.79	-1,176.18	2,417.40	2,688.27	1.00
10,889.00	90.10	116.50	8,301.23	-1,204.38	2,473.73	2,751.26	1.62
10,952.00	89.90	116.00	8,301.23	-1,232.25	2,530.24	2,814.25	0.85
11,015.00	90.20	115.80	8,301.17	-1,259.77	2,586.91	2,877.25	0.57
11,079.00	89.70	115.50	8,301.23	-1,287.47	2,644.60	2,941.25	0.91
11,142.00	89.30	116.00	8,301.78	-1,314.84	2,701.34	3,004.25	1.02
11,206.00	86.30	114.60	8,304.23	-1,342.17	2,759.15	3,068.19	5.17
11,269.00	85.00	114.30	8,309.01	-1,368.17	2,816.34	3,131.00	2.12
11,333.00	85.80	114.00	8,314.14	-1,394.27	2,874.55	3,194.77	1.33
11,396.00	86.40	112.70	8,318.43	-1,419.18	2,932.25	3,257.58	2.27
11,459.00	87.90	112.40	8,321.56	-1,443.31	2,990.36	3,320.42	2.43
11,522.00	88.50	111.90	8,323.54	-1,467.05	3,048.68	3,383.28	1.24
11,586.00	88.70	111.30	8,325.10	-1,490.60	3,108.17	3,447.11	0.99
11,649.00	89.90	111.50	8,325.87	-1,513.59	3,166.82	3,509.94	1.93
11,712.00	90.90	110.80	8,325.43	-1,536.32	3,225.58	3,572.76	1.94
11,775.00	90.40	110.30	8,324.72	-1,558.43	3,284.56	3,635.52	1.12
11,839.00	88.90	110.00	8,325.11	-1,580.47	3,344.64	3,699.23	2.39
11,902.00	89.30	110.30	8,326.10	-1,602.17	3,403.78	3,761.95	0.79
11,965.00	90.00	112.40	8,326.49	-1,625.11	3,462.45	3,824.78	3.51
12,028.00	89.80	114.40	8,326.60	-1,650.13	3,520.27	3,887.73	3.19
12,092.00	89.70	115.30	8,326.87	-1,677.02	3,578.34	3,951.73	1.41
12,155.00	89.00	115.40	8,327.59	-1,703.99	3,635.27	4,014.72	1.12
12,218.00	88.90	116.00	8,328.74	-1,731.31	3,692.03	4,077.71	0.97
12,282.00	87.80	116.20	8,330.59	-1,759.45	3,749.48	4,141.68	1.75
12,345.00	86.10	116.00	8,333.94	-1,787.13	3,805.97	4,204.59	2.72
12,408.00	84.80	115.20	8,338.94	-1,814.26	3,862.60	4,267.39	2.42
12,471.00	84.90	114.70	8,344.59	-1,840.73	3,919.49	4,330.13	0.81
12,534.00	86.50	115.30	8,349.31	-1,867.28	3,976.43	4,392.95	2.71
12,598.00	87.50	115.40	8,352.66	-1,894.64	4,034.19	4,456.86	1.57
12,661.00	88.00	115.30	8,355.14	-1,921.60	4,091.08	4,519.81	0.81
12,724.00	88.70	114.80	8,356.95	-1,948.26	4,148.13	4,582.78	1.37
12,787.00	89.40	114.10	8,358.00	-1,974.33	4,205.47	4,645.76	1.57
12,851.00	90.00	114.80	8,358.33	-2,000.82	4,263.73	4,709.75	1.44
12,914.00	90.50	117.40	8,358.06	-2,028.53	4,320.30	4,772.74	4.20
12,977.00	90.20	118.00	8,357.67	-2,057.82	4,376.07	4,835.69	1.06
13,040.00	91.00	117.00	8,357.01	-2,086.91	4,431.95	4,898.65	2.03
13,104.00	90.30	116.40	8,356.29	-2,115.66	4,489.12	4,962.63	1.44
13,141.00	90.40	116.00	8,356.06	-2,132.00	4,522.32	4,999.62	1.11
Last Survey: 13141' MD 8356.06' TVD							
13,200.00	90.40	116.00	8,355.65	-2,157.86	4,575.35	5,058.62	0.00
TD Projected To MD: 13200'							



INWELL LLC
EOW Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well B2DH No. 1H
Project:	Eddy County, NM	TVD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Site:	Leo 15 Federal COM	MD Reference:	WELL @ 3539.00usft (RKB: 20' + GL: 3519')
Well:	B2DH No. 1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM ON IWSERVER

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
13,141.00	8,356.06	-2,132.00	4,522.32	Last Survey: 13141' MD 8356.05' TVD
13,200.00	8,355.65	-2,157.86	4,575.35	TD Projected To MD: 13200'

Checked By: _____ Approved By: _____ Date: _____

JUN 11 2015



Job Number: SVMO-150125
 Company: Mewbourne Oil & Gas
 Lease/Well: Leo 15B2DH Fed Com 1H
 Location: Eddy County, NM
 Rig Name: Patterson #75
 RKB: 22'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.35°
 Grid: East To Grid North
 File name: S:\2015SU-1\MEWBOU-1\MOILEO\15B2DH-1\1H.SVY
 Date/Time: 06-Feb-15 / 14:49
 Curve Name: Surface - 7620' M.D. (Rate Gyro)

RECEIVED

MS SURVEY

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 7620' MD is, to the best of
 our knowledge a true and accurate account of
 the well bore.
 Dustin Bobo 2/6/15
 MS Energy Services Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.36	32.58	100.00	.26	.17	.26	.31	32.58	.36
200.00	.44	285.48	200.00	.63	-.03	.63	.63	357.13	.65
300.00	1.09	314.48	299.99	1.40	-1.08	1.40	1.77	322.36	.74
400.00	1.72	288.49	399.96	2.54	-3.18	2.54	4.07	308.63	.88
500.00	1.51	277.43	499.92	3.19	-5.91	3.19	6.72	298.35	.37
600.00	2.14	281.01	599.87	3.72	-9.05	3.72	9.78	292.32	.64
700.00	2.08	268.93	699.80	4.04	-12.70	4.04	13.33	287.65	.45
800.00	2.12	282.97	799.73	4.42	-16.32	4.42	16.90	285.16	.51
900.00	2.26	273.18	899.66	4.95	-20.09	4.95	20.69	283.83	.40

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1000.00	1.78	277.16	999.60	5.25	-23.60	5.25	24.17	282.54	.50
1100.00	2.24	282.13	1099.54	5.85	-27.05	5.85	27.67	282.21	.49
1200.00	1.88	284.04	1199.47	6.66	-30.55	6.66	31.27	282.30	.37
1300.00	1.17	315.47	1299.44	7.79	-32.86	7.79	33.77	283.33	1.07
1400.00	1.29	314.05	1399.42	9.30	-34.38	9.30	35.62	285.13	.12
1500.00	.93	314.59	1499.40	10.65	-35.77	10.65	37.32	286.58	.36
1600.00	1.34	310.16	1599.38	11.97	-37.24	11.97	39.12	287.82	.42
1700.00	1.31	294.05	1699.35	13.19	-39.18	13.19	41.34	288.61	.37
1800.00	1.34	312.12	1799.32	14.44	-41.09	14.44	43.55	289.37	.42
1900.00	1.87	297.41	1899.28	15.98	-43.41	15.98	46.25	290.21	.67
2000.00	1.64	296.91	1999.24	17.38	-46.13	17.38	49.29	290.64	.23
2100.00	2.12	301.26	2099.18	18.98	-48.99	18.98	52.54	291.18	.50
2200.00	2.06	292.87	2199.12	20.64	-52.22	20.64	56.16	291.57	.31
2300.00	1.93	300.64	2299.06	22.20	-55.33	22.20	59.62	291.86	.30
2400.00	2.42	299.74	2398.98	24.11	-58.61	24.11	63.37	292.36	.49
2500.00	2.39	292.97	2498.90	25.97	-62.36	25.97	67.55	292.61	.29
2600.00	2.28	293.30	2598.81	27.57	-66.11	27.57	71.63	292.64	.11
2700.00	2.69	303.38	2698.72	29.64	-69.90	29.64	75.92	292.98	.60
2800.00	3.04	298.72	2798.60	32.21	-74.18	32.21	80.87	293.47	.42
2900.00	3.26	299.20	2898.44	34.87	-78.99	34.87	86.34	293.82	.22
3000.00	3.33	300.12	2998.28	37.72	-83.98	37.72	92.06	294.18	.09
3100.00	3.30	302.77	3098.11	40.73	-88.92	40.73	97.80	294.61	.16
3200.00	3.71	309.42	3197.92	44.34	-93.84	44.34	103.79	295.29	.58
3300.00	4.22	307.23	3297.68	48.62	-99.26	48.62	110.53	296.10	.53
3400.00	4.56	306.76	3397.39	53.23	-105.38	53.23	118.06	296.80	.34
3500.00	4.70	307.40	3497.07	58.10	-111.82	58.10	126.01	297.45	.15
3600.00	4.86	308.22	3596.72	63.21	-118.40	63.21	134.21	298.09	.17
3700.00	3.38	299.45	3696.46	67.28	-124.30	67.28	141.33	298.42	1.60
3800.00	1.57	266.38	3796.36	68.64	-128.23	68.64	145.45	298.16	2.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
3900.00	.92	197.24	3896.34	67.79	-129.84	67.79	146.47	297.57	1.51
4000.00	.39	128.41	3996.34	66.81	-129.81	66.81	145.99	297.23	.86
4100.00	.05	49.03	4096.34	66.62	-129.51	66.62	145.64	297.22	.38
4200.00	.10	23.12	4196.34	66.73	-129.44	66.73	145.63	297.27	.06
4300.00	.21	17.76	4296.34	66.99	-129.35	66.99	145.67	297.38	.11
4400.00	.28	318.76	4396.34	67.35	-129.46	67.35	145.93	297.48	.25
4500.00	.27	274.62	4496.34	67.55	-129.85	67.55	146.37	297.48	.21
4600.00	.28	260.47	4596.33	67.53	-130.33	67.53	146.78	297.39	.07
4700.00	.35	263.43	4696.33	67.45	-130.87	67.45	147.23	297.27	.07
4800.00	.26	174.38	4796.33	67.19	-131.15	67.19	147.36	297.13	.43
4900.00	.13	249.83	4896.33	66.93	-131.24	66.93	147.32	297.02	.26
5000.00	.13	141.13	4996.33	66.80	-131.27	66.80	147.29	296.97	.21
5100.00	.12	11.68	5096.33	66.81	-131.18	66.81	147.21	296.99	.23
5200.00	.27	269.99	5196.33	66.92	-131.39	66.92	147.45	296.99	.32
5300.00	.21	229.61	5296.33	66.80	-131.77	66.80	147.73	296.88	.17
5400.00	.15	172.62	5396.33	66.55	-131.89	66.55	147.73	296.77	.18
5500.00	.19	105.50	5496.33	66.37	-131.72	66.37	147.49	296.74	.19
5600.00	.12	333.42	5596.33	66.42	-131.60	66.42	147.42	296.78	.28
5700.00	.17	271.55	5696.33	66.52	-131.80	66.52	147.63	296.78	.16
5800.00	.37	192.47	5796.33	66.21	-132.02	66.21	147.69	296.64	.38
5900.00	.34	114.83	5896.33	65.77	-131.82	65.77	147.31	296.52	.45
6000.00	.19	198.85	5996.33	65.49	-131.60	65.49	146.99	296.46	.37
6100.00	.45	154.24	6096.32	64.98	-131.48	64.98	146.66	296.30	.34
6200.00	.52	251.53	6196.32	64.48	-131.74	64.48	146.68	296.08	.73
6300.00	1.12	242.42	6296.31	63.88	-133.04	63.88	147.58	295.65	.61
6400.00	1.06	245.50	6396.29	63.05	-134.75	63.05	148.77	295.08	.08
6500.00	1.78	267.83	6496.26	62.61	-137.14	62.61	150.76	294.54	.90
6600.00	2.27	253.61	6596.20	61.99	-140.59	61.99	153.65	293.79	.70
6700.00	.79	226.22	6696.16	60.95	-142.99	60.95	155.44	293.09	1.61

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
6800.00	1.04	185.44	6796.15	59.57	-143.57	59.57	155.44	292.53	.68
6900.00	1.55	193.31	6896.13	57.35	-143.97	57.35	154.98	291.72	.54
7000.00	1.51	168.17	6996.09	54.75	-144.01	54.75	154.07	290.81	.67
7100.00	.86	176.33	7096.07	52.71	-143.70	52.71	153.06	290.14	.67
7200.00	.86	156.14	7196.06	51.27	-143.34	51.27	152.24	289.68	.30
7300.00	.33	157.35	7296.05	50.32	-142.93	50.32	151.53	289.40	.53
7400.00	.51	169.47	7396.05	49.62	-142.74	49.62	151.12	289.17	.20
7500.00	.27	103.72	7496.05	49.12	-142.43	49.12	150.66	289.03	.47
7600.00	.06	273.09	7596.05	49.07	-142.25	49.07	150.48	289.03	.33
Last Survey Depth Recorded									
7620.00	.11	99.92	7616.05	49.07	-142.24	49.07	150.47	289.03	.85