

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

HOBBSOCD

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

JUL 12 2012

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO. 30-041-00050
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Milnesand Unit
8. Well Number 141
9. OGRID Number 257420
10. Pool name or Wildcat 46930-Milnesand-San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 ☐

2. Name of Operator
EOR Operating Company

3. Address of Operator
200 N. Loraine, STE 1440 Midland, TX 79701

4. Well Location
Unit Letter M : 660 feet from the W S line and 660 feet from the W S line
Section 12 Township 08S Range 34E NMPM County Roosevelt

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

The MSU #141 is currently producing from the San Andres perforations located @ 4546'-4566' & 4591'-4611'. Current PBTD is 4661'. EOR has received approval from OCD for plans to recomplate this well horizontally in the San Andres.

EOR submits the attached change of plans and bottom hole location for approval.

Anticipated start date is July 16, 2012.

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 Jana True TITLE Regulatory/Production Mgr DATE 7/11/12

Type or print name Jana True E-mail address: jtrue@enhancedoilres.com PHONE: 432-687-0303

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

FOR RECORD ONLY
EGG 12-12-2012

DEC 12 2012



Weatherford

Drilling Services

Proposal

EOR OPERATING

MILNESAND UNIT 141

ROOSEVELT CO, NM

WELL FILE: **PLAN 3**

JULY 11, 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

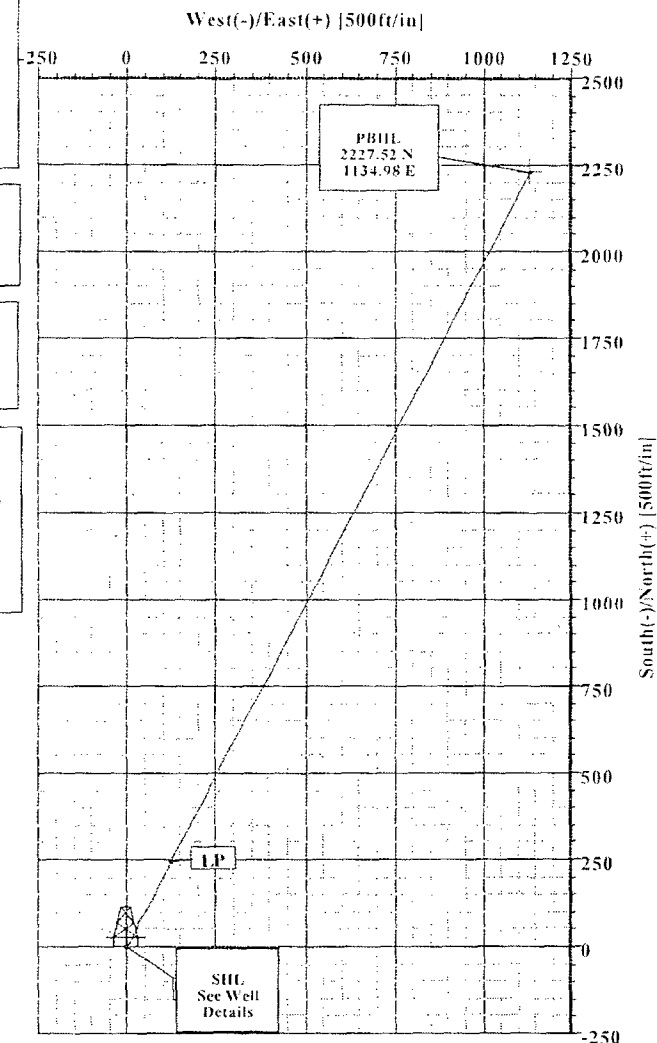
EOR Operating

Milnesand Unit 141 Roosevelt Co, NM

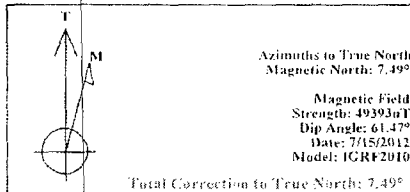
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4356.00	0.00	0.00	4356.00	0.00	0.00	0.00	0.00	0.00	
3	4371.00	3.00	27.00	4370.99	0.35	0.18	20.00	27.00	0.39	
4	4376.00	3.00	27.00	4375.99	0.58	0.30	0.00	0.00	0.65	
5	4790.50	91.16	27.00	4631.21	245.14	1134.91	21.27	0.00	275.13	
6	7015.83	91.16	27.00	4586.00	2227.52	1134.98	0.00	0.00	2500.00	Pbhl

WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
MSU 141	0.00	0.00	958028.80	776877.37	33°37'48.828N	103°25'25.392W

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	4586.00	2227.52	1134.98	960266.21	777992.71	Point

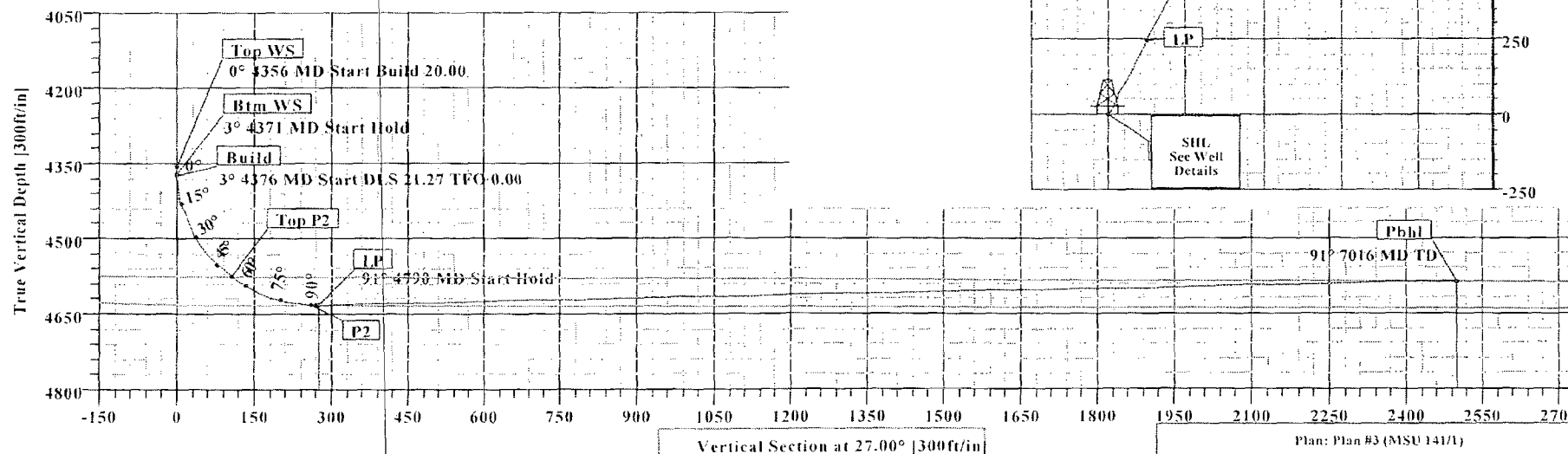


FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	4575.44	4608.46	Top P2
2	4631.08	4775.06	P2



FIELD DETAILS
Roosevelt 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: True North

SITE DETAILS
Milnesand Unit 141
Site Centre Latitude: 33°37'48.828N
Longitude: 103°25'25.392W
Ground Level: 4246.00
Positional Uncertainty: 0.00
Convergence: 0.50



MD ft	Incl deg	Azim deg	TVD ft	N/S ft	EAW ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	958028.80	776877.37	
4356.00	0.00	0.00	4356.00	0.00	0.00	0.00	0.00	958028.80	776877.37	Top WS
4371.00	3.00	27.00	4370.99	0.35	0.18	0.39	20.00	958029.15	776877.54	Btn WS
4376.00	3.00	27.00	4375.99	0.58	0.30	0.65	0.00	958029.39	776877.66	Build
4400.00	8.10	27.00	4399.87	2.65	1.35	2.98	21.27	958031.47	776878.70	
4425.00	13.42	27.00	4424.42	6.81	3.47	7.64	21.27	958035.64	776880.78	
4450.00	18.74	27.00	4448.43	12.98	6.61	14.57	21.27	958041.84	776883.87	
4475.00	24.06	27.00	4471.70	21.10	10.75	23.68	21.27	958050.00	776887.93	
4500.00	29.37	27.00	4494.02	31.11	15.85	34.92	21.27	958060.05	776892.95	
4525.00	34.69	27.00	4515.21	42.92	21.87	48.17	21.27	958071.92	776898.86	
4550.00	40.01	27.00	4535.07	56.43	28.75	63.34	21.27	958085.49	776905.63	
4575.00	45.33	27.00	4553.45	71.52	36.44	80.27	21.27	958100.65	776913.18	
4600.00	50.64	27.00	4570.18	88.07	44.87	98.84	21.27	958117.26	776921.47	
4608.46	52.44	27.00	4575.44	93.97	47.88	105.47	21.27	958123.19	776924.42	Top P2
4625.00	55.96	27.00	4585.11	105.92	53.97	118.88	21.27	958135.20	776930.41	

Weatherford

WFT Plan Report - X & Y's



Weatherford

Company: EOR Operating Field: Roosevelt Co, NM (Nad 27) Site: Milnesand Unit 141 Well: MSU 141 Wellpath: 1	Date: 7/11/2012 Time: 14:38:14 Page: 2 Co-ordinate(NE) Reference: Well: MSU 141, True North Vertical (TVD) Reference: SITE 4262.0 Section (VS) Reference: Well (0.00N,0.00E,27.00Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comments
4650.00	61.28	27.00	4598.12	124.93	63.66	140.22	21.27	958154.29	776939.92	
4675.00	66.60	27.00	4609.10	144.94	73.85	162.67	21.27	958174.38	776949.94	
4700.00	71.91	27.00	4617.95	165.76	84.46	186.04	21.27	958195.30	776960.37	
4725.00	77.23	27.00	4624.60	187.23	95.40	210.13	21.27	958216.86	776971.11	
4750.00	82.55	27.00	4628.99	209.15	106.57	234.73	21.27	958238.88	776982.09	
4775.00	87.87	27.00	4631.08	231.34	117.87	259.63	21.27	958261.17	776993.20	
4775.06	87.87	27.00	4631.08	231.39	117.90	259.69	0.00	958261.22	776993.23	P2
4790.50	91.16	27.00	4631.21	245.14	124.91	275.13	21.35	958275.04	777000.11	LP
4800.00	91.16	27.00	4631.01	253.61	129.22	284.63	0.00	958283.54	777004.35	
4900.00	91.16	27.00	4628.98	342.69	174.61	384.61	0.00	958373.01	777048.96	
5000.00	91.16	27.00	4626.95	431.77	220.00	484.59	0.00	958462.49	777093.56	
5100.00	91.16	27.00	4624.92	520.85	265.39	584.57	0.00	958551.97	777138.17	
5200.00	91.16	27.00	4622.89	609.94	310.78	684.55	0.00	958641.45	777182.77	
5300.00	91.16	27.00	4620.86	699.02	356.17	784.53	0.00	958730.93	777227.38	
5400.00	91.16	27.00	4618.82	788.10	401.56	884.51	0.00	958820.40	777271.98	
5500.00	91.16	27.00	4616.79	877.18	446.95	984.49	0.00	958909.88	777316.58	
5600.00	91.16	27.00	4614.76	966.27	492.34	1084.46	0.00	958999.36	777361.19	
5700.00	91.16	27.00	4612.73	1055.35	537.73	1184.44	0.00	959088.84	777405.79	
5800.00	91.16	27.00	4610.70	1144.43	583.12	1284.42	0.00	959178.32	777450.40	
5900.00	91.16	27.00	4608.67	1233.51	628.51	1384.40	0.00	959267.79	777495.00	
6000.00	91.16	27.00	4606.64	1322.59	673.90	1484.38	0.00	959357.27	777539.61	
6100.00	91.16	27.00	4604.60	1411.68	719.29	1584.36	0.00	959446.75	777584.21	
6200.00	91.16	27.00	4602.57	1500.76	764.67	1684.34	0.00	959536.23	777628.82	
6300.00	91.16	27.00	4600.54	1589.84	810.06	1784.32	0.00	959625.71	777673.42	
6400.00	91.16	27.00	4598.51	1678.92	855.45	1884.30	0.00	959715.18	777718.03	
6500.00	91.16	27.00	4596.48	1768.01	900.84	1984.28	0.00	959804.66	777762.63	
6600.00	91.16	27.00	4594.45	1857.09	946.23	2084.26	0.00	959894.14	777807.23	
6700.00	91.16	27.00	4592.42	1946.17	991.62	2184.24	0.00	959983.62	777851.84	
6800.00	91.16	27.00	4590.38	2035.25	1037.01	2284.22	0.00	960073.10	777896.44	
6900.00	91.16	27.00	4588.35	2124.33	1082.40	2384.20	0.00	960162.57	777941.05	
7000.00	91.16	27.00	4586.32	2213.42	1127.79	2484.18	0.00	960252.05	777985.65	
7015.83	91.16	27.00	4586.00	2227.52	1134.98	2500.00	0.00	960266.21	777992.71	Pbhl

Targets

Name	Description Dip.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
Pbhl		4586.00	2227.52	1134.98	960266.21	777992.71	33	38	10.865 N	103	25	11.969 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
4356.00	4356.00	Top WS
4371.00	4370.99	Btm WS
4376.00	4375.99	Build
4790.50	4631.21	LP
7015.82	4586.00	Pbhl

Weatherford

WFT Plan Report - X & Y's



Weatherford

Company: EOR Operating	Date: 7/11/2012	Time: 14:38:14	Page: 3
Field: Roosevelt Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: MSU 141, True North		
Site: Milnesand Unit 141	Vertical (TVD) Reference: SITE 4262.0		
Well: MSU 141	Section (VS) Reference: Well (0.00N,0.00E,27.00Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature Db: Sybase		

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4608.46	4575.44	Top P2		0.25	45.00
4775.06	4631.08	P2		0.25	45.00

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: June 22, 2012
Job Number: _____
Customer: EOR Operating
Well Name: Milnesand Unit MSU 141
API Number: _____
Rig Name: _____
Location: Roosevelt Co, NM
Block: _____
Engineer: RWJ

Geodetic Latitude / Longitude	Geodetic Latitude / Longitude
System: Latitude / Longitude	System: Latitude / Longitude
Projection: Geodetic Latitude and Longitude	Projection: Geodetic Latitude and Longitude
Datum: NAD 1927 (NADCON CONUS)	Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
Latitude 33.6302300 DEG	Latitude 33.6302300 DEG
Longitude -103.4237200 DEG	Longitude -103.4237200 DEG

Geodetic Location WGS84 Elevation = 0.0 Meters
Latitude = 33.63023° N 33° 37 min 48.828 sec
Longitude = 103.42372° W 103° 25 min 25.392 sec

Magnetic Declination =	7.49°	[True North Offset]
Local Gravity =	.9989 g	Checksum = 6752
Local Field Strength =	49389 nT	Magnetic Vector X = 23386 nT
Magnetic Dip =	61.47°	Magnetic Vector Y = 3073 nT
Magnetic Model =	IGRF-2010g11	Magnetic Vector Z = 43392 nT
Spud Date =	Jul 15, 2012	Magnetic Vector H = 23587 nT

Signed: _____

Date: _____

MILNESAND UNIT 141 P3 SVY

Weatherford
WFT Plan Report - X & Y's

Company: EOR Operating
Time: 14:38:50 Page: 1
Field: Roosevelt Co, NM (Nad 27)
Reference: well: MSU 141, True North
Site: Milnesand Unit 141
Reference: SITE 4262.0
Well: MSU 141
Reference: well (0.00N,0.00E,27.00Azi)
Wellpath: 1
Method: Minimum Curvature Db: Sybase

Date: 7/11/2012
Co-ordinate(NE)
Vertical (TVD)
Section (VS)
Survey Calculation

Plan: Plan #3
6/22/2012

Date Composed:

1
Principal: Yes
From Surface

Version:

Tied-to:

Field: Roosevelt Co, NM (Nad 27)

Map System:US State Plane Coordinate System 1927
New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)
Well Centre
Sys Datum: Mean Sea Level
IGRF2010

Map Zone:
Coordinate System:
Geomagnetic Model:

Site: Milnesand Unit 141

Site Position:
33 37 48.828 N
From: Geographic
103 25 25.392 W
Position Uncertainty: 0.00 ft
True
Ground Level: 4246.00 ft
0.50 deg

Northing: 958028.80 ft Latitude:
Easting: 776877.37 ft Longitude:
North Reference:
Grid Convergence:

well: MSU 141

Slot Name:

Well Position: +N/-S 0.00 ft
33 37 48.828 N
+E/-W 0.00 ft
103 25 25.392 W
Position Uncertainty: 0.00 ft

Northing: 958028.80 ft Latitude:
Easting : 776877.37 ft Longitude:

wellpath: 1
Surface

Drilled From:

Tie-on Depth:

0.00 ft
Current Datum: SITE
Datum: Mean Sea Level
Magnetic Data: 7/15/2012

Height 4262.00 ft Above System

Declination:

MILNESAND UNIT 141 P3 SVY

7.49 deg

Field Strength: 49393 nT

Mag Dip Angle:

61.47 deg

Vertical Section: Depth From (TVD)

+N/-S

+E/-W

Direction

ft

ft

ft

deg

0.00

0.00

0.00

27.00

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build
Turn	TFO	Target					
ft	deg	deg	ft	ft	ft		
deg/100ft	deg/100ft	deg/100ft	deg				

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
------	------	------	------	------	------	------	------

0.00	0.00						
------	------	--	--	--	--	--	--

4356.00	0.00	0.00	4356.00	0.00	0.00	0.00	0.00
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0.00	0.00						
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4371.00	3.00	27.00	4370.99	0.35	0.18	20.00	20.00
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0.00	27.00						
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4376.00	3.00	27.00	4375.99	0.58	0.30	0.00	0.00
---------	------	-------	---------	------	------	------	------

0.00	0.00						
------	------	--	--	--	--	--	--

4790.50	91.16	27.00	4631.21	245.14	124.91	21.27	21.27
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0.00	0.00						
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7015.83	91.16	27.00	4586.00	2227.52	1134.98	0.00	0.00
---------	-------	-------	---------	---------	---------	------	------

0.00	0.00	Pbhl					
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Survey							
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MD	Incl	Azim	TVD	N/S	E/W	VS	DLS
MapN	deg	MapE	ft	Comment	ft	ft	deg/100ft
ft	deg	ft					

4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00
---------	------	------	---------	------	------	------	------

958028.80		776877.37					
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4356.00	0.00	0.00	4356.00	0.00	0.00	0.00	0.00
---------	------	------	---------	------	------	------	------

958028.80		776877.37	Top WS				
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4371.00	3.00	27.00	4370.99	0.35	0.18	0.39	20.00
---------	------	-------	---------	------	------	------	-------

958029.15		776877.54	Btm WS				
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4376.00	3.00	27.00	4375.99	0.58	0.30	0.65	0.00
---------	------	-------	---------	------	------	------	------

958029.39		776877.66	Build				
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4400.00	8.10	27.00	4399.87	2.65	1.35	2.98	21.27
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958031.47		776878.70					
-----------	--	-----------	--	--	--	--	--

4425.00	13.42	27.00	4424.42	6.81	3.47	7.64	21.27
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958035.64		776880.78					
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4450.00	18.74	27.00	4448.43	12.98	6.61	14.57	21.27
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958041.84		776883.87					
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4475.00	24.06	27.00	4471.70	21.10	10.75	23.68	21.27
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958050.00		776887.93					
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4500.00	29.37	27.00	4494.02	31.11	15.85	34.92	21.27
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958060.05		776892.95					
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4525.00	34.69	27.00	4515.21	42.92	21.87	48.17	21.27
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958071.92		776898.86					
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4550.00	40.01	27.00	4535.07	56.43	28.75	63.34	21.27
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958085.49		776905.63					
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4575.00	45.33	27.00	4553.45	71.52	36.44	80.27	21.27
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958100.65		776913.18					
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4600.00	50.64	27.00	4570.18	88.07	44.87	98.84	21.27
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958117.26		776921.47					
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			MILNESAND UNIT 141 P3 SVY				
4608.46	52.44	27.00	4575.44	93.97	47.88	105.47	21.27
958123.19		776924.42	Top P2				
4625.00	55.96	27.00	4585.11	105.92	53.97	118.88	21.27
958135.20		776930.41					
4650.00	61.28	27.00	4598.12	124.93	63.66	140.22	21.27
958154.29		776939.92					
4675.00	66.60	27.00	4609.10	144.94	73.85	162.67	21.27
958174.38		776949.94					
4700.00	71.91	27.00	4617.95	165.76	84.46	186.04	21.27
958195.30		776960.37					
4725.00	77.23	27.00	4624.60	187.23	95.40	210.13	21.27
958216.86		776971.11					
4750.00	82.55	27.00	4628.99	209.15	106.57	234.73	21.27
958238.88		776982.09					
4775.00	87.87	27.00	4631.08	231.34	117.87	259.63	21.27
958261.17		776993.20					
4775.06	87.87	27.00	4631.08	231.39	117.90	259.69	0.00
958261.22		776993.23	P2				
4790.50	91.16	27.00	4631.21	245.14	124.91	275.13	21.35
958275.04		777000.11	LP				
4800.00	91.16	27.00	4631.01	253.61	129.22	284.63	0.00
958283.54		777004.35					
4900.00	91.16	27.00	4628.98	342.69	174.61	384.61	0.00
958373.01		777048.96					
5000.00	91.16	27.00	4626.95	431.77	220.00	484.59	0.00
958462.49		777093.56					
5100.00	91.16	27.00	4624.92	520.85	265.39	584.57	0.00
958551.97		777138.17					
5200.00	91.16	27.00	4622.89	609.94	310.78	684.55	0.00
958641.45		777182.77					
5300.00	91.16	27.00	4620.86	699.02	356.17	784.53	0.00
958730.93		777227.38					
5400.00	91.16	27.00	4618.82	788.10	401.56	884.51	0.00
958820.40		777271.98					
5500.00	91.16	27.00	4616.79	877.18	446.95	984.49	0.00
958909.88		777316.58					
5600.00	91.16	27.00	4614.76	966.27	492.34	1084.46	0.00
958999.36		777361.19					
5700.00	91.16	27.00	4612.73	1055.35	537.73	1184.44	0.00
959088.84		777405.79					
5800.00	91.16	27.00	4610.70	1144.43	583.12	1284.42	0.00
959178.32		777450.40					
5900.00	91.16	27.00	4608.67	1233.51	628.51	1384.40	0.00
959267.79		777495.00					
6000.00	91.16	27.00	4606.64	1322.59	673.90	1484.38	0.00
959357.27		777539.61					
6100.00	91.16	27.00	4604.60	1411.68	719.29	1584.36	0.00
959446.75		777584.21					
6200.00	91.16	27.00	4602.57	1500.76	764.67	1684.34	0.00
959536.23		777628.82					
6300.00	91.16	27.00	4600.54	1589.84	810.06	1784.32	0.00
959625.71		777673.42					
6400.00	91.16	27.00	4598.51	1678.92	855.45	1884.30	0.00
959715.18		777718.03					
6500.00	91.16	27.00	4596.48	1768.01	900.84	1984.28	0.00
959804.66		777762.63					
6600.00	91.16	27.00	4594.45	1857.09	946.23	2084.26	0.00

MILNESAND UNIT 141 P3 SVY

959894.14	777807.23						
6700.00	91.16 27.00	4592.42	1946.17	991.62	2184.24	0.00	
959983.62	777851.84						
6800.00	91.16 27.00	4590.38	2035.25	1037.01	2284.22	0.00	
960073.10	777896.44						
6900.00	91.16 27.00	4588.35	2124.33	1082.40	2384.20	0.00	
960162.57	777941.05						
7000.00	91.16 27.00	4586.32	2213.42	1127.79	2484.18	0.00	
960252.05	777985.65						
7015.83	91.16 27.00	4586.00	2227.52	1134.98	2500.00	0.00	
960266.21	777992.71	Pbhl					

Targets

Map	Name	<---- Latitude	--<--- Longitude	---	Map
Easting	Deg Min	Sec	Deg Min	Sec	North
ft	Dip.	Dir.	ft	ft	ft
Pbhl			4586.00	2227.52	1134.98
777992.71	33 38 10.865 N	103 25 11.969 W			960266.21

Casing Points	MD	TVD	Diameter	Hole Size	Name
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Annotation

MD	TVD	
ft	ft	
4356.00	4356.00	Top WS
4371.00	4370.99	Btm WS
4376.00	4375.99	Build
4790.50	4631.21	LP
7015.82	4586.00	Pbhl

Weatherford
WFT Plan Report - X & Y's

Company: EOR Operating
Time: 14:38:50
Field: Roosevelt Co, NM (Nad 27)
Reference: well: MSU 141, True North
Site: Milnesand Unit 141
Reference: SITE 4262.0

Date: 7/11/2012
Co-ordinate(NE)
Vertical (TVD)

well: MSU 141 MILNESAND UNIT 141 P3 SVY
 Reference: well (0.00N,0.00E,27.00Azi)
 wellpath: 1
 Method: Minimum Curvature Db: Sybase

Section (VS)
 Survey Calculation

Formations	MD	TVD	Formations	Lithology
	ft	Dip Angle ft deg	Dip Direction deg	
	4608.46	4575.44	Top P2	
		0.25	P2	45.00
	4775.06	4631.08	P2	
		0.25		45.00

MILNESAND UNIT 141 P3 SVY