

Submit To Appropriate District Office State Lease - 6 copies Fed Lease - 5 copies <u>District I</u> 1625 N French Dr, Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd, Aztec, NM 87410 <u>District IV</u> 1220 S St Francis Dr, Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-35008 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No. NMNM0531075
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

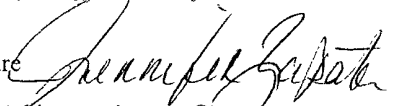
1a. Type of Well. OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR ☐ OTHER _____	7. Lease Name or Unit Agreement Name FORTY NINER RIDGE UNIT 8. Well No. #9 9. Pool name or Wildcat FORTY NINER RIDGE; DELAWARE
2. Name of Operator STRATA PRODUCTION COMPANY	
3. Address of Operator P O. BOX 1030, ROSWELL, NM 88202-1030	

SEP 10 2008
OCD-ARTESIA

4. Well Location Unit Letter <u>N</u> : <u>330'</u> Feet From The <u>SOUTH</u> Line and <u>2630'</u> Feet From The <u>WEST</u> Line Section <u>10</u> Township <u>23S</u> Range <u>30E</u> NMPM County <u>EDDY</u>					
10. Date Spudded 02-19-2008	11. Date T.D. Reached 03-20-2008	12. Date Compl. (Ready to Prod.) 06-08-08	13. Elevations (DF& RKB, RT, GR, etc.) 3159 KB	14. Elev. Casinghead 3142'	
15. Total Depth 8951'	16. Plug Back T.D. 8942'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By NABOR'S	Rotary Tools ROTARY	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 8842'-8847' & 8214' - 8219' (Delaware)					20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run SCHLUMBERGER EXPRESS; DLL/CNS					22. Was Well Cored YES

23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13 3/8	48# H-40 ST&C	492'	17 1/2"	600 SX CL "c"			
				1" 60 SX TO SURF.			
8 5/8	32# K-55 LT&C	3640'	11"	1200 SX POZ "C"			
				200 SX CL "C"			
5 1/2	BUTTRESS & 17# LT&C	8950'	7 7/8	625 SX LITE 400 SX "C"			
24. LINER RECORD			25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	6800'	6800'
26. Perforation record (interval, size, and number) 8842' - 8847' (21-.45 HOLES) 8214' - 8219' (21-.45 HOLES)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8842' - 8847' ACIDIZE W/ 2500 GAL 7 1/2 % NEFE. FRAC W/ 100,000#16/30 8214'-8219' Acidize w/ 2500 gal 7 1/2% . Frac w/ 150,000# 16/30.			

28. PRODUCTION							
Date First Production 06/08/08		Production Method (Flowing, gas lift, pumping - Size and type pump) GAS LIFT			Well Status (Prod. or Shut-in) FLOWING		
Date of Test 08/23/08	Hours Tested 24	Choke Size 1/2"	Prod'n For Test Period	Oil - Bbl 218	Gas - MCF 218	Water - Bbl. 203	Gas - Oil Ratio
Flow Tubing Press. 200#	Casing Pressure 750#	Calculated 24-Hour Rate	Oil - Bbl. 218	Gas - MCF 218	Water - Bbl. 203	Oil Gravity - API - (Corr.) 41	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By	

30. List Attachments			
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief			
Signature  E-mail Address jzapata@stratanm.com	Printed Name Jennifer Zapata	Title Production Analyst	Date 08/04/2008

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>500'</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt <u>700'</u>	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt <u>3375'</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand <u>3606'</u>	T. Todilto	T.
T. Drinkard	T. Bone Springs <u>7500'</u>	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
Surf.	500'	500'	Triassic Red- Bld
500'	3375'	2875'	Salt & Anhydrite
3375	3606'	371'	Anhydrite
3606	7500'	3894'	Sand & Shale
7500	7950'	450'	Lime & Shale

CORE ANALYSIS REPORT
FOR
STRATA PRODUCTION COMPANY
FORTY NINER RIDGE UNIT NO. 9
FORTY NINER RIDGE; DELAWARE
EDDY COUNTY, NEW MEXICO

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use; this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories (all errors and omissions excepted); but Core Laboratories and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or formation in connection with which such report is used or relied upon.

CORE LABORATORIES

Company : STRATA PRODUCTION COMPANY

Well : FORTY NINER RIDGE UNIT NO. 9

Location : 330' FSL & 2630' FWL, SEC. 10, T-23-S, R-30-E

Co,State : EDDY COUNTY, NEW MEXICO

Field

Formation : DELAWARE

Coring Fluid : BRINE/STARCH/SALT GEL

Elevation : 3159' KB

File No.: 57181-19465

Date : 3/10/08

API No. : 30-015-35008

Analysts: FULLINWIDER

SIDEWALL CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	Sample Rec. in.	PERMEABILITY (HORIZONTAL) K _{air} md	POROSITY (HELIUM) %	SATURATION		SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
					(PORE VOLUME) OIL %	WATER %	(BULK VOLUME) OIL %	GAS %			

DRILLED SIDEWALL ANALYSIS

1	5261.0	1.4	3.28	16.1	1.9	74.1	0.3	3.9	2.67	1.	Sd gry, vf gr, sl calc, 0% flu sl tr cut
2	5348.0	1.3	0.21	12.4	1.0	82.8	0.1	2.0	2.67	1.	Sd gry, vf gr, 0% flu sl tr cut
3	5552.0	1.3	2.90	13.8	1.8	69.9	0.2	3.9	2.67	0.	Sd gry, vf gr, sl calc, 0% flu tr cut
4	5641.0	1.3	3.53	17.3	0.8	78.4	0.1	3.6	2.65	0.	Sd gry, vf gr, sl calc, 0% flu sl tr cut
5	5913.0	1.0	1.27	10.7	1.1	87.9	0.1	1.2	2.67	0.	Sd gry, vf gr, sl calc, 0% flu tr cut
6	5941.0	1.3	6.64	14.5	1.0	83.5	0.1	2.2	2.68	0.	Sd gry, vf gr, sl calc, tr yel flu (cont.) tr cut
7	5983.0	1.3	5.56	17.0	0.4	86.4	0.1	2.2	2.66	0.	Sd gry, vf gr, 0% flu sl tr cut
8	5989.0	1.3	14.2	16.9	1.4	80.8	0.2	3.0	2.65	0.	Sd gry, vf gr, 0% flu sl tr cut
9	6261.0	1.5	0.02	5.1	19.0	66.2	1.0	0.8	2.67	6.	Slstn dk gry, 0% flu f cut, sh oil
10	6265.0	1.0	0.27	10.7	16.2	46.2	1.7	4.0	2.70	50.	Sd gry, vf gr, sl calc, 80% yel flu
11	7111.0	0.5	3.93	17.4	16.3	51.5	2.8	5.6	2.65	36.	Sd gry, vf gr, sl calc, 95% wh yel flu
12	7145.0	0.8	0.73	16.2	16.6	52.0	2.7	5.1	2.66	67.	Sd gry, vf gr, sl calc, 95% wh yel flu
13	7147.5	1.3	1.47	16.9	16.6	53.8	2.8	5.0	2.65	105.	Sd gry, vf gr, sl calc, 95% wh yel flu
14	7159.0	1.3	0.72	14.4	16.9	49.2	2.4	4.9	2.65	120.	Sd gry, vf gr, sl calc, 100% wh yel flu
15	7234.0	1.3	17.6	16.6	17.5	54.7	2.9	4.6	2.66	120.	Sd gry, vf gr, sl calc, 95% wh yel flu
16	7285.0	1.5	0.09	8.6	2.7	75.8	0.2	1.8	2.66	2.	Sd gry, vf gr, sl calc, tr yel flu (cont.)
17	7305.0	1.5	0.35	12.2	17.1	47.0	2.1	4.4	2.65	130.	Sd gry, vf gr, sl calc, 95% wh yel flu
18	7312.5	1.3	0.58	11.6	15.4	49.7	1.8	4.0	2.65	64.	Sd gry, vf gr, sl calc, 90% wh yel flu
19	7337.0	1.5	0.03	9.1	15.2	42.2	1.4	3.9	2.65	125.	Sd gry, vf gr, sl calc, 60% yel flu
20	7341.0	0.8	5.44	14.8	4.6	66.0	0.7	4.4	2.64	11.	Sd gry, vf gr, sl calc, 5% yel flu
21	7349.0	0.8	19.5	16.5	13.8	54.8	2.3	5.2	2.65	75.	Sd gry, vf gr, sl calc, 80% wh yel flu
22	7400.0	1.0	1.72	15.0	16.2	47.4	2.4	5.5	2.66	90.	Sd gry, vf gr, sl calc, 95% wh yel flu
23	7416.5	1.3	0.41	13.4	15.5	50.1	2.1	4.6	2.66	115.	Sd gry, vf gr, sl calc, 95% wh yel flu
24	7431.0	1.5	0.06	8.6	8.1	62.7	0.7	2.5	2.67	115.	Sd gry, vf gr, sl calc, 30% wh yel flu

LITHOLOGICAL ABBREVIATIONS

Anhy, anhy	Anhydrite (-ic)	Lim, lim	limestone
Ark, ark	arkos (-ic)	med gr	medium grain
bnd	band (-ed)	Mtrx	matrix
brec	breccia	NA	interval not analyzed
Calc, calc	calcite (-ic)	Nod, nod	nodules (-ar)
carb	carbonaceous	Ool, ool	oolite (-itic)
crs gr	course grained	Piso, piso	pisolite (-itic)
Chk, chky	chalk (-y)	pp	pin-point (porosity)
Cht, cht	chert (-y)	Pyr, pyr	pyrite (-itized, itic)
Cgl, cgl	conglomerate (-ic)	Sd, sdy	sand (-y)
crs xln	coarsely crystalline	Shr	solid hydrocarbon residue
dns	dense	sli/	slightly
Dol, dol	dolomite (-ic)	Sltstn, slty	siltstone, silty
Frac randomly oriented fractures		styl	stylolite (-itic)
frac	slightly fractured	suc	sucrosic
f gr	fine grained	Su, su	sulphur, sulphurous
foss	fossil (-iferous)	TBFA	TOO BROKEN FOR ANALYSIS
f xln	finely crystalline	Trip, trip	tripolitic
Gil, gil	gilsonite	v/	very
Glauc, clauc	glauconite (-itic)	vert frac	perdominantly vertically fractured
Grt	granite	vug	vuggy
Gyp, gyp	gypsum (-iferous)	xbd	crossbedded
hor frac	perdominantly horizontally fractured	xln	medium crystalline
incl	inclusion (-ded)	xtl	crystal
intbd	interbedded		
lam	lamina (-tions, -ated)		

THE FIRST WORD IN THE DESCRIPTION COLUMN OF THE CORE ANALYSIS REPORT DESCRIBES THE ROCK TYPE. FOLLOWING ARE ROCK MODIFIERS IN DECREASING ABUNDANCE AND MISCELLANEOUS DESCRIPTIVE TERMS.



Scientific Drilling International

Survey Report

Company: STRATA PRODUCTION
 Field: Forty Niner Ridge
 Site: Eddy County, NM
 Well: Forty Niner Ridge Unit #9
 Wellpath: VH - Job #32K0308144

Date: 04/01/2008
 Co-ordinate(NE) Reference:
 Vertical (TVD) Reference:
 Section (VS) Reference:
 Survey Calculation Method:

Time: 15:22:56
 Site: Eddy County, NM, Grid North
 SITE 0.0
 Well (0.00N,0.00E,148.15Azi)
 Minimum Curvature

Page: 1
 Db: Sybase

Survey: 03/04/08
 KSRG 0'-7903'
 Company: Scientific Drilling Internatio
 Tool:

Start Date: 03/04/2008
 Engineer: Madrid/Lopez
 Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.71	171.22	100.00	0.57	-0.61	0.09	0.71	0.62	171.22
200.00	0.71	179.13	199.99	1.67	-1.84	0.20	0.10	1.85	173.85
300.00	1.32	184.97	299.97	3.12	-3.61	0.11	0.62	3.61	178.28
400.00	1.66	192.00	399.94	5.09	-6.18	-0.29	0.39	6.18	182.71
500.00	1.36	197.80	499.90	6.90	-8.72	-0.96	0.34	8.77	186.26
600.00	1.48	194.07	599.87	8.57	-11.10	-1.63	0.15	11.22	188.37
700.00	1.43	203.47	699.84	10.18	-13.50	-2.44	0.24	13.72	190.26
800.00	1.34	202.12	799.81	11.58	-15.73	-3.38	0.10	16.09	192.13
900.00	1.46	193.70	899.78	13.16	-18.05	-4.12	0.24	18.52	192.87
1000.00	1.19	197.35	999.76	14.73	-20.28	-4.73	0.28	20.82	193.14
1100.00	0.95	193.74	1099.74	15.99	-22.08	-5.24	0.25	22.69	193.36
1200.00	0.83	177.78	1199.73	17.20	-23.60	-5.41	0.27	24.22	192.91
1300.00	1.06	177.11	1299.71	18.63	-25.25	-5.34	0.23	25.81	191.93
1400.00	0.81	187.27	1399.70	19.99	-26.88	-5.38	0.30	27.41	191.32
1500.00	0.80	181.23	1499.69	21.13	-28.28	-5.48	0.09	28.80	190.97
1600.00	0.86	177.29	1599.68	22.37	-29.72	-5.46	0.08	30.22	190.41
1700.00	1.06	171.72	1699.67	23.87	-31.39	-5.29	0.22	31.83	189.57
1800.00	0.93	186.45	1799.65	25.35	-33.11	-5.25	0.29	33.52	189.01
1900.00	0.80	183.08	1899.64	26.56	-34.61	-5.38	0.14	35.03	188.84
2000.00	0.68	175.06	1999.63	27.66	-35.90	-5.37	0.16	36.30	188.50
2100.00	0.70	154.84	2099.62	28.80	-37.05	-5.06	0.24	37.39	187.77
2200.00	0.80	152.79	2199.62	30.10	-38.22	-4.48	0.10	38.48	186.68
2300.00	0.81	171.24	2299.61	31.45	-39.54	-4.05	0.26	39.75	185.85
2400.00	0.89	215.27	2399.60	32.40	-40.87	-4.39	0.64	41.11	186.13
2500.00	0.64	230.22	2499.59	32.78	-41.86	-5.27	0.32	42.19	187.17
2600.00	0.68	236.48	2599.58	32.87	-42.55	-6.19	0.08	43.00	188.28
2700.00	0.41	291.29	2699.58	32.61	-42.75	-7.02	0.56	43.32	189.33
2800.00	0.46	106.49	2799.58	32.62	-42.73	-6.97	0.87	43.30	189.26
2900.00	1.66	122.54	2899.56	34.23	-43.62	-5.36	1.22	43.95	187.01
3000.00	2.09	126.04	2999.50	37.22	-45.48	-2.67	0.44	45.55	183.36
3100.00	2.54	128.37	3099.42	41.00	-47.92	0.54	0.46	47.93	179.35
3200.00	3.12	132.14	3199.30	45.70	-51.13	4.30	0.61	51.31	175.19
3300.00	3.29	134.63	3299.14	51.10	-54.97	8.36	0.22	55.60	171.35
3400.00	3.18	132.62	3398.98	56.56	-58.86	12.44	0.16	60.16	168.06
3500.00	2.74	141.90	3498.85	61.61	-62.62	15.96	0.65	64.62	165.70
3600.00	2.15	147.53	3598.76	65.86	-66.08	18.44	0.64	68.61	164.41
3700.00	2.03	144.74	3698.69	69.51	-69.11	20.47	0.16	72.08	163.50
3800.00	1.85	141.90	3798.63	72.88	-71.83	22.49	0.20	75.27	162.62
3900.00	1.75	134.05	3898.59	75.97	-74.16	24.58	0.27	78.13	161.66
4000.00	2.15	136.46	3998.53	79.28	-76.58	26.97	0.41	81.19	160.60
4100.00	1.86	122.72	4098.47	82.59	-78.82	29.63	0.56	84.20	159.40
4200.00	1.81	121.68	4198.41	85.47	-80.53	32.34	0.06	86.78	158.12
4300.00	1.79	121.47	4298.37	88.28	-82.17	35.01	0.02	89.32	156.92
4400.00	1.98	122.62	4398.31	91.23	-83.92	37.80	0.19	92.04	155.75
4500.00	1.54	118.94	4498.26	93.96	-85.50	40.43	0.45	94.58	154.69
4600.00	1.28	112.68	4598.23	96.04	-86.58	42.64	0.30	96.51	153.78
4700.00	1.27	108.15	4698.21	97.80	-87.36	44.72	0.10	98.14	152.89
4800.00	1.21	106.66	4798.19	99.44	-88.00	46.79	0.07	99.67	152.00



Scientific
Drilling

Scientific Drilling International

Survey Report

Company: STRATA PRODUCTION	Date: 04/01/2008	Time: 15:22:56	Page: 2
Field: Forty Niner Ridge	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Forty Niner Ridge Unit #9	Section (VS) Reference:	Well (0.00N,0.00E,148.15Azi)	
Wellpath: VH - Job #32K0308144	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	1.09	105.34	4898.17	100.93	-88.56	48.72	0.12	101.07	151.18
5000.00	1.28	109.04	4998.14	102.50	-89.17	50.69	0.20	102.57	150.38
5100.00	1.17	112.27	5098.12	104.19	-89.93	52.69	0.13	104.22	149.63
5200.00	1.08	106.37	5198.10	105.72	-90.58	54.54	0.15	105.73	148.95
5300.00	0.98	104.39	5298.09	107.04	-91.06	56.27	0.11	107.04	148.28
5400.00	1.02	105.08	5398.07	108.31	-91.50	57.96	0.04	108.31	147.65
5500.00	1.01	103.87	5498.05	109.59	-91.94	59.67	0.02	109.61	147.02
5600.00	0.93	100.73	5598.04	110.77	-92.30	61.33	0.10	110.82	146.40
5700.00	0.80	88.16	5698.03	111.67	-92.43	62.82	0.23	111.76	145.80
5800.00	0.85	86.99	5798.02	112.37	-92.37	64.26	0.05	112.53	145.17
5900.00	0.87	90.28	5898.01	113.14	-92.34	65.76	0.05	113.36	144.54
6000.00	0.76	77.60	5998.00	113.76	-92.20	67.17	0.21	114.07	143.93
6100.00	0.97	98.14	6097.99	114.53	-92.18	68.65	0.37	114.93	143.32
6200.00	1.16	114.94	6197.97	115.92	-92.72	70.41	0.36	116.43	142.79
6300.00	1.15	123.47	6297.95	117.67	-93.70	72.16	0.17	118.27	142.40
6400.00	1.14	125.55	6397.93	119.50	-94.83	73.81	0.04	120.17	142.11
6500.00	1.15	121.37	6497.91	121.32	-95.94	75.48	0.08	122.07	141.81
6600.00	1.18	135.51	6597.89	123.22	-97.19	77.05	0.29	124.03	141.59
6700.00	1.24	139.07	6697.87	125.29	-98.74	78.49	0.10	126.14	141.52
6800.00	1.31	147.86	6797.84	127.50	-100.53	79.80	0.21	128.35	141.56
6900.00	1.21	155.16	6897.82	129.70	-102.46	80.85	0.19	130.52	141.72
7000.00	1.52	153.93	6997.79	132.06	-104.61	81.88	0.31	132.84	141.95
7100.00	1.46	161.83	7097.76	134.62	-107.01	82.86	0.21	135.34	142.25
7200.00	1.64	154.05	7197.72	137.28	-109.50	83.88	0.28	137.94	142.55
7300.00	1.72	153.74	7297.68	140.20	-112.14	85.17	0.08	140.82	142.78
7400.00	1.82	146.96	7397.63	143.28	-114.81	86.70	0.23	143.87	142.94
7500.00	1.72	151.53	7497.58	146.37	-117.46	88.28	0.17	146.94	143.07
7600.00	1.60	160.90	7597.54	149.23	-120.10	89.46	0.30	149.76	143.32
7700.00	1.18	175.43	7697.51	151.50	-122.45	90.00	0.55	151.96	143.69
7800.00	0.55	340.02	7797.50	151.95	-123.02	89.91	1.72	152.38	143.84
7900.00	0.75	292.38	7897.50	150.95	-122.32	89.14	0.56	151.36	143.92
7903.00	0.14	301.20	7900.50	150.93	-122.31	89.12	20.40	151.34	143.92

STRATA PRODUCTION COMPANY

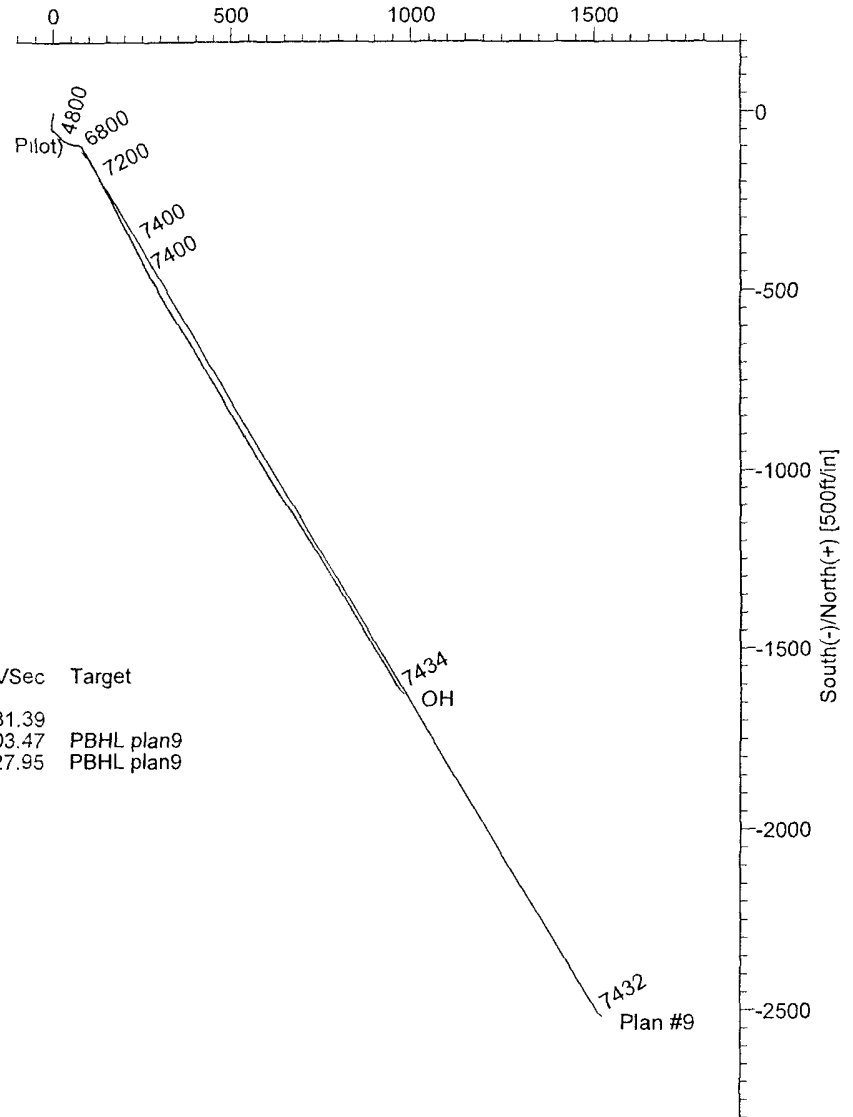
Field: Eddy County, New Mexico
 Site: Forty Niner Ridge Unit
 Well: #9
 Wellpath: OH
 Plan: Plan #9



Azimuths to Grid North
 True North: -0.25°
 Magnetic North: 7.90°

Magnetic Field
 Strength: 49042nT
 Dip Angle: 60.32°
 Date: 3/3/2008
 Model: igrf200510

West(-)/East(+) [500ft/in]

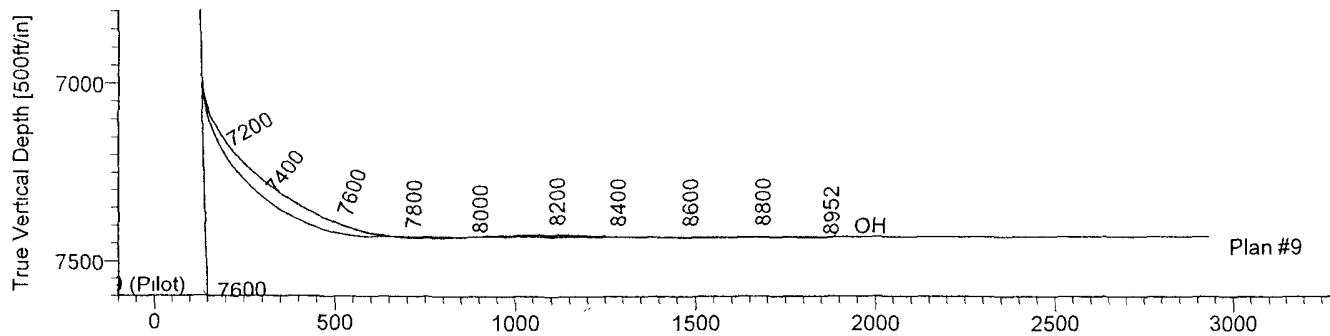


TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Surface p	0 00	0 00	0 00	Point
pI	7432 00	-337 60	209 70	Point
PBHL plan9	7432 00	-2509 29	1509 34	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	6973.67	1.44	154.20	6971.47	-103.99	81.58	0.00	0.00	131.39	
2	7703.82	90 00	149.29	7432.00	-510.47	321.90	12.13	-4.92	603.47	PBHL plan9
3	10028.75	90.00	149.29	7432.00	-2509.29	1509.34	0.00	0.00	2927.95	PBHL plan9



Vertical Section at 148.15° [500ft/in]

Leam Drilling Systems, Inc.

Survey Report

Company: STRATA PRODUCTION COMPANY		Date: 4/1/2008	Time: 09:12:07	Page: 1
Field: Eddy County, New Mexico		Co-ordinate(NE) Reference:	Well: #9, Grid North	
Site: Forty Niner Ridge Unit		Vertical (TVD) Reference:	RKB 3159.0	
Well: #9		Section (VS) Reference:	Well (0.00N,0.00E,148.15Azi)	
Wellpath: OH		Survey Calculation Method:	Minimum Curvature Db: Sybase	

Field: Eddy County, New Mexico	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf200510

Site: Forty Niner Ridge Unit Site centered in Unit #9 well 330' FSL, 2630' FWL	
Site Position:	Northing: 477969 40 ft Latitude: 32 18 47 522 N From: Map Easting: 643411 80 ft Longitude: 103 52 8 847 W Position Uncertainty: 0.00 ft North Reference: Grid Ground Level: 3142 00 ft Grid Convergence: 0.25 deg

Well: #9		Slot Name:	
Well Position:	+N/-S 0.00 ft Northing: 477969.40 ft Latitude: 32 18 47.522 N +E/-W 0.00 ft Easting: 643411 80 ft Longitude: 103 52 8 847 W Position Uncertainty: 0.00 ft		

Wellpath: OH		Drilled From: Surface	
Current Datum: RKB	Height 3159 00 ft	Tie-on Depth:	0.00 ft
Magnetic Data: 3/3/2008		Above System Datum:	Mean Sea Level
Field Strength: 49042 nT		Declination:	8 14 deg
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle:	60.32 deg
ft	ft	+E/-W	Direction
		ft	deg
0 00	0.00	0.00	148 15

Survey Program for Definitive Wellpath			
Date: 0/0/2000	Validated: No	Version: 2	
Actual From	To	Survey	Toolcode Tool Name
ft	ft		
100 00	7003.00	Survey #1 (100 00-7900 00) (1)	MWD Std MWD
7003.00	8903.00	Survey #1 (7003 00-8903 00)	MWD Std MWD
8952.00	8952 00	Survey #2 (8952.00-8952 00)	Project Projection

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	TIE LINE
100 00	0.71	171 22	100 00	-0 61	0 09	0 57	0 71	0 71	0 00	MWD
200 00	0.71	179 13	199.99	-1.84	0.20	1.67	0.10	0 00	7 91	MWD
300 00	1 32	184 97	299.97	-3.61	0.11	3.12	0 62	0 61	5.84	MWD
400 00	1 66	192.00	399 94	-6 18	-0 29	5.09	0.39	0.34	7.03	MWD
500 00	1 36	197 80	499.90	-8.72	-0 96	6 90	0 34	-0 30	5 80	MWD
600 00	1 48	194 07	599 87	-11.10	-1.63	8 57	0 15	0 12	-3.73	MWD
700 00	1 43	203 47	699.84	-13.50	-2 44	10 18	0 24	-0 05	9 40	MWD
800 00	1 34	202.12	799 81	-15 73	-3.38	11 58	0 10	-0 09	-1.35	MWD
900 00	1 46	193 70	899 78	-18 05	-4.12	13 16	0 24	0 12	-8.42	MWD
1000 00	1.19	197 35	999 76	-20.28	-4 73	14 73	0.28	-0 27	3.65	MWD
1100 00	0 95	193.74	1099.74	-22.08	-5.24	15 99	0 25	-0 24	-3.61	MWD
1200 00	0 83	177 78	1199 73	-23 60	-5.41	17.20	0 27	-0.12	-15.96	MWD
1300 00	1.06	177.11	1299 71	-25 25	-5.34	18.63	0.23	0 23	-0 67	MWD
1400 00	0 81	187.27	1399 70	-26.88	-5 38	19 99	0.30	-0 25	10.16	MWD
1500 00	0.80	181 23	1499 69	-28 28	-5 48	21.13	0 09	-0 01	-6 04	MWD
1600 00	0 86	177 29	1599 68	-29 72	-5 46	22.37	0.08	0 06	-3.94	MWD
1700 00	1 06	171.72	1699.67	-31 39	-5.29	23.87	0 22	0 20	-5 57	MWD
1800 00	0.93	186.45	1799.65	-33.11	-5 25	25 35	0 29	-0 13	14 73	MWD
1900 00	0 80	183 08	1899.64	-34.61	-5.38	26.56	0.14	-0 13	-3 37	MWD
2000 00	0 68	175 06	1999 63	-35 90	-5 37	27.66	0.16	-0 12	-8 02	MWD

Leam Drilling Systems, Inc.

Survey Report

Company: STRATA PRODUCTION COMPANY	Date: 4/1/2008	Time: 09:12:07	Page: 2
Field: Eddy County, New Mexico	Co-ordinate(NE) Reference: Well: #9, Grid North		
Site: Forty Niner Ridge Unit	Vertical (TVD) Reference: RKB 3159.0		
Well: #9	Section (VS) Reference: Well(0.00N,0.00E,148.15Azi)		
Wellpath: OH	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

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	Tool/Comment
2100.00	0.70	154.84	2099.62	-37.05	-5.06	28.80	0.24	0.02	-20.22	MWD
2200.00	0.80	152.79	2199.62	-38.22	-4.48	30.10	0.10	0.10	-2.05	MWD
2300.00	0.81	171.24	2299.61	-39.54	-4.05	31.45	0.26	0.01	18.45	MWD
2400.00	0.89	215.27	2399.60	-40.87	-4.39	32.40	0.64	0.08	44.03	MWD
2500.00	0.64	230.22	2499.59	-41.86	-5.27	32.78	0.32	-0.25	14.95	MWD
2600.00	0.68	236.48	2599.58	-42.55	-6.19	32.87	0.08	0.04	6.26	MWD
2700.00	0.41	291.29	2699.58	-42.75	-7.02	32.61	0.56	-0.27	54.81	MWD
2800.00	0.46	106.49	2799.58	-42.73	-6.97	32.62	0.87	0.05	175.20	MWD
2900.00	1.66	122.54	2899.56	-43.62	-5.36	34.23	1.22	1.20	16.05	MWD
3000.00	2.09	126.04	2999.50	-45.48	-2.67	37.22	0.44	0.43	3.50	MWD
3100.00	2.54	128.37	3099.42	-47.92	0.54	41.00	0.46	0.45	2.33	MWD
3200.00	3.12	132.14	3199.30	-51.13	4.30	45.70	0.61	0.58	3.77	MWD
3300.00	3.29	134.63	3299.14	-54.97	8.36	51.10	0.22	0.17	2.49	MWD
3400.00	3.18	132.62	3398.98	-58.86	12.44	56.56	0.16	-0.11	-2.01	MWD
3500.00	2.74	141.90	3498.85	-62.62	15.96	61.61	0.65	-0.44	9.28	MWD
3600.00	2.15	147.53	3598.76	-66.08	18.44	65.86	0.64	-0.59	5.63	MWD
3700.00	2.03	144.74	3698.69	-69.11	20.47	69.51	0.16	-0.12	-2.79	MWD
3800.00	1.85	141.90	3798.63	-71.83	22.49	72.88	0.20	-0.18	-2.84	MWD
3900.00	1.75	134.05	3898.59	-74.16	24.58	75.97	0.27	-0.10	-7.85	MWD
4000.00	2.15	136.46	3998.53	-76.58	26.97	79.28	0.41	0.40	2.41	MWD
4100.00	1.86	122.72	4098.47	-78.82	29.63	82.59	0.56	-0.29	-13.74	MWD
4200.00	1.81	121.68	4198.41	-80.53	32.34	85.47	0.06	-0.05	-1.04	MWD
4300.00	1.79	121.47	4298.37	-82.17	35.01	88.28	0.02	-0.02	-0.21	MWD
4400.00	1.98	122.62	4398.31	-83.92	37.80	91.23	0.19	0.19	1.15	MWD
4500.00	1.54	118.94	4498.26	-85.50	40.43	93.96	0.45	-0.44	-3.68	MWD
4600.00	1.28	112.68	4598.23	-86.58	42.64	96.04	0.30	-0.26	-6.26	MWD
4700.00	1.27	108.15	4698.21	-87.36	44.72	97.80	0.10	-0.01	-4.53	MWD
4800.00	1.21	106.66	4798.19	-88.00	46.79	99.44	0.07	-0.06	-1.49	MWD
4900.00	1.09	105.34	4898.17	-88.56	48.72	100.93	0.12	-0.12	-1.32	MWD
5000.00	1.28	109.04	4998.14	-89.17	50.69	102.50	0.20	0.19	3.70	MWD
5100.00	1.17	112.27	5098.12	-89.93	52.69	104.19	0.13	-0.11	3.23	MWD
5200.00	1.08	106.37	5198.10	-90.58	54.54	105.72	0.15	-0.09	-5.90	MWD
5300.00	0.98	104.39	5298.09	-91.06	56.27	107.04	0.11	-0.10	-1.98	MWD
5400.00	1.02	105.08	5398.07	-91.50	57.96	108.31	0.04	0.04	0.69	MWD
5500.00	1.01	103.87	5498.05	-91.94	59.67	109.59	0.02	-0.01	-1.21	MWD
5600.00	0.93	100.73	5598.04	-92.30	61.33	110.77	0.10	-0.08	-3.14	MWD
5700.00	0.80	88.16	5698.03	-92.43	62.82	111.67	0.23	-0.13	-12.57	MWD
5800.00	0.85	86.99	5798.02	-92.37	64.26	112.37	0.05	0.05	-1.17	MWD
5900.00	0.87	90.28	5898.01	-92.34	65.76	113.14	0.05	0.02	3.29	MWD
6000.00	0.76	77.60	5998.00	-92.20	67.17	113.76	0.21	-0.11	-12.68	MWD
6100.00	0.97	98.14	6097.99	-92.18	68.65	114.53	0.37	0.21	20.54	MWD
6200.00	1.16	114.94	6197.97	-92.72	70.41	115.92	0.36	0.19	16.80	MWD
6300.00	1.15	123.47	6297.95	-93.70	72.16	117.67	0.17	-0.01	8.53	MWD
6400.00	1.14	125.55	6397.93	-94.83	73.81	119.50	0.04	-0.01	2.08	MWD
6500.00	1.15	121.37	6497.91	-95.94	75.48	121.32	0.08	0.01	-4.18	MWD
6600.00	1.18	135.51	6597.89	-97.19	77.05	123.22	0.29	0.03	14.14	MWD
6700.00	1.24	139.07	6697.87	-98.74	78.49	125.29	0.10	0.06	3.56	MWD
6800.00	1.31	147.86	6797.84	-100.53	79.80	127.50	0.21	0.07	8.79	MWD
6900.00	1.21	155.16	6897.82	-102.46	80.85	129.70	0.19	-0.10	7.30	MWD
6973.00	1.44	154.20	6970.80	-103.98	81.58	131.37	0.31	0.31	-1.32	MWD
7003.00	6.10	148.20	7000.72	-105.67	82.58	133.34	15.58	15.55	-20.00	MWD
7035.00	12.50	146.20	7032.29	-110.00	85.41	138.51	20.02	20.00	-6.25	MWD
7067.00	18.10	147.80	7063.14	-117.09	89.98	146.94	17.55	17.50	5.00	MWD
7099.00	23.60	148.30	7093.03	-126.75	96.00	158.33	17.20	17.19	1.56	MWD

Leam Drilling Systems, Inc.

Survey Report

Company: STRATA PRODUCTION COMPANY Field: Eddy County, New Mexico Site: Forty Niner Ridge Unit Well: #9 Wellpath: OH	Date: 4/1/2008 Co-ordinate(NE) Reference: Well: #9, Grid North Vertical (TVD) Reference: RKB 3159 0 Section (VS) Reference: Well (0.00N,0.00E,148.15Azi) Survey Calculation Method: Minimum Curvature
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Page: 3

Db: Sybase

Survey

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	Tool/Comment
7131.00	28.70	149.10	7121.75	-138.80	103.32	172.43	15.98	15.94	2.50	MWD
7163.00	32.60	151.20	7149.27	-152.96	111.42	188.72	12.64	12.19	6.56	MWD
7195.00	36.50	152.40	7175.63	-168.95	119.99	206.83	12.37	12.19	3.75	MWD
7227.00	39.80	151.90	7200.79	-186.43	129.22	226.55	10.36	10.31	-1.56	MWD
7259.00	43.40	153.10	7224.71	-205.27	139.02	247.73	11.52	11.25	3.75	MWD
7291.00	46.70	153.30	7247.32	-225.48	149.23	270.28	10.32	10.31	0.62	MWD
7315.00	48.50	154.10	7263.50	-241.37	157.08	287.92	7.89	7.50	3.33	MWD
7347.00	51.00	154.10	7284.18	-263.34	167.75	312.21	7.81	7.81	0.00	MWD
7378.00	53.30	154.10	7303.20	-285.36	178.44	336.56	7.42	7.42	0.00	MWD
7411.00	56.30	153.30	7322.22	-309.53	190.39	363.39	9.30	9.09	-2.42	MWD
7443.00	58.60	152.70	7339.43	-333.56	202.64	390.27	7.36	7.19	-1.87	MWD
7475.00	61.80	152.90	7355.33	-358.25	215.33	417.94	10.01	10.00	0.62	MWD
7507.00	65.20	153.10	7369.61	-383.77	228.33	446.47	10.64	10.62	0.62	MWD
7539.00	66.60	152.60	7382.68	-409.76	241.66	475.58	4.60	4.37	-1.56	MWD
7571.00	69.00	152.00	7394.77	-435.99	255.43	505.13	7.70	7.50	-1.87	MWD
7603.00	71.80	151.20	7405.50	-462.50	269.77	535.22	9.06	8.75	-2.50	MWD
7635.00	74.70	150.60	7414.72	-489.27	284.67	565.82	9.24	9.06	-1.87	MWD
7667.00	77.60	149.60	7422.38	-516.20	300.16	596.87	9.56	9.06	-3.12	MWD
7699.00	82.00	148.30	7428.05	-543.17	316.40	628.35	14.32	13.75	-4.06	MWD
7731.00	84.90	148.20	7431.70	-570.21	333.13	660.14	9.07	9.06	-0.31	MWD
7763.00	86.40	147.30	7434.12	-597.19	350.15	692.05	5.46	4.69	-2.81	MWD
7827.00	90.60	148.50	7435.80	-651.37	384.14	756.01	6.82	6.56	1.87	MWD
7859.00	92.20	148.70	7435.02	-678.68	400.81	788.00	5.04	5.00	0.62	MWD
7891.00	92.20	149.20	7433.79	-706.07	417.30	819.97	1.56	0.00	1.56	MWD
7923.00	92.30	149.40	7432.53	-733.57	433.63	851.94	0.70	0.31	0.62	MWD
7987.00	91.50	149.10	7430.41	-788.54	466.33	915.89	1.33	-1.25	-0.47	MWD
8019.00	91.20	149.40	7429.66	-816.03	482.69	947.88	1.33	-0.94	0.94	MWD
8051.00	91.50	149.20	7428.90	-843.54	499.02	979.86	1.13	0.94	-0.62	MWD
8115.00	91.50	149.10	7427.23	-898.47	531.83	1043.83	0.16	0.00	-0.16	MWD
8147.00	89.80	149.20	7426.86	-925.94	548.24	1075.82	5.32	-5.31	0.31	MWD
8179.00	89.90	149.40	7426.95	-953.45	564.57	1107.82	0.70	0.31	0.62	MWD
8211.00	89.90	149.40	7427.00	-980.99	580.86	1139.81	0.00	0.00	0.00	MWD
8243.00	87.90	149.20	7427.62	-1008.50	597.20	1171.79	6.28	-6.25	-0.62	MWD
8275.00	87.70	149.20	7428.85	-1035.97	613.57	1203.76	0.62	-0.62	0.00	MWD
8337.00	88.70	146.80	7430.79	-1088.52	646.41	1265.73	4.19	1.61	-3.87	MWD
8369.00	88.80	146.60	7431.49	-1115.26	663.97	1297.71	0.70	0.31	-0.62	MWD
8401.00	89.10	146.90	7432.08	-1142.01	681.51	1329.70	1.33	0.94	0.94	MWD
8465.00	90.10	148.00	7432.52	-1195.96	715.94	1393.69	2.32	1.56	1.72	MWD
8496.00	89.70	148.30	7432.58	-1222.29	732.30	1424.69	1.61	-1.29	0.97	MWD
8531.00	88.50	148.90	7433.13	-1252.16	750.54	1459.68	3.83	-3.43	1.71	MWD
8595.00	90.10	149.40	7433.91	-1307.10	783.35	1523.66	2.62	2.50	0.78	MWD
8627.00	90.60	149.80	7433.71	-1334.70	799.54	1555.65	2.00	1.56	1.25	MWD
8659.00	90.40	149.80	7433.44	-1362.35	815.64	1587.64	0.62	-0.62	0.00	MWD
8691.00	90.60	149.60	7433.16	-1389.98	831.78	1619.63	0.88	0.62	-0.62	MWD
8722.00	90.20	149.60	7432.94	-1416.72	847.47	1650.62	1.29	-1.29	0.00	MWD
8754.00	89.80	148.70	7432.94	-1444.19	863.88	1682.61	3.08	-1.25	-2.81	MWD
8786.00	89.60	148.30	7433.11	-1471.48	880.60	1714.61	1.40	-0.62	-1.25	MWD
8818.00	89.80	149.10	7433.27	-1498.82	897.22	1746.61	2.58	0.62	2.50	MWD
8850.00	88.60	149.40	7433.72	-1526.32	913.58	1778.60	3.87	-3.75	0.94	MWD
8882.00	89.40	149.40	7434.28	-1553.85	929.87	1810.58	2.50	2.50	0.00	MWD
8903.00	90.20	150.10	7434.35	-1571.99	940.45	1831.58	5.06	3.81	3.33	MWD
8952.00	90.20	150.10	7434.18	-1614.47	964.87	1880.55	0.00	0.00	0.00	PROJECTED to TD