Form 3160-4
(August 2007)

OCD-ARTESIA 30-015-35008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB NO 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMNM0531075

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator
STRATA PRODUCTION COMPANY

8 Lease Name and Well No
FORTY NINER RIDGE UNIT

3. Address
P.O BOX 1030, ROSWELL, NM 88202-1030

3a. Phone No *(include area code)*
(575) 622-1127

9. AFI Well No.
#9

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 330' FSL & 2630' FWL.

SEP 19 2008
OCD-ARTESIA

10. Field and Pool or Exploratory
FORTY NINER RIDGE; DELAWARE

11 Sec., T, R, M, on Block and Survey or Area
S10, T23S, R30E

At top prod. interval reported below

At total depth 8951' & 8214'

12. County or Parish
EDDY

13. State
NM

14 Date Spudded	15 Date T.D Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
02/19/2008	03/20/2008	☐ D & A ☑ Ready to Prod.	3159' KB

18. Total Depth: MD 8951' TVD	19. Plug Back T.D.: MD 8942' TVD 7436'	20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SCHLUMBERGER EXPRESS; DLL/CNL

22 Was well cored? ☐ No ☑ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23 Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	133/8"-H-40	48#	SURFACE	492'	492'	600SX CL "C"			
						1"-60SX		CIRC.	
11"	8 5/8" - K-55	32#	SURFACE	3640'	3640'	1200SX POZ C			
						200SX CL "C"		CIRC.	
7 7/8"	13	17#	SURFACE	8950'	8950'	625 SX LITE			
						400SX CL "C"		CIRC.	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	65	65	5 1/2					

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	3606'	7500'	8842'-8847'	45	21	SI
B) DELAWARE	3606'	7500'	8214'-8219'	.45	21	PRODUCING
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
8842'-8847'	ACIDIZE W/ 2500 GAL 7 1/2% NEFE. FRAC VIA 5 1/2" CSG W/ 100,000# 16/30 SAND.
8214'-8219'	ACIDIZE W/ 2500 GAL 7 1/2% NEFE. FRAC VIA 5 1/2" CSG W/ 150,000# 16/30 SAND.

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
6/8/08	8/23/08	24 HRS	→	125	171	172	41		GAS LIFT

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	200#	750#	→	125	171	172		FLOWING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/08/08	08/23/08	24	→	218	218	203	41		GAS LIFT

Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	200#	750#	→	218	218	203	1/1	FLOWING

ACCEPTED FOR RECORD
SEP 15 2008
JERRY FANT
PETROLEUM GEOLOGIST

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

SOLD

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
DELEWARE	8214'	8219'	SAND & SHALE	DELAWARE	7603'
DELEWARE	8842'	8847'	SAND & SHALE	DELAWARE	7603'

32. Additional remarks (include plugging procedure):

NO DST'S.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☑ Core Analysis ☐ Other.

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* JENNIFER ZAPATA Title PRODUCTION ANALYST

Signature Jennifer Zapata Date 08/04/2008

Title 18 U.S C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

CORE ANALYSIS REPORT

FOR

STRATA PRODUCTION COMPANY

FORTY NINER RIDGE UNIT NO. 9
FORTY NINER RIDGE;DELAWARE
EDDY COUNTY, NEW MEXICO

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

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

Scientific Drilling

Scientific Drilling International

Survey Report

Company:	STRATA PRODUCTION	**Date:** 04/01/2008	**Time:** 15:22:56	**Page:**	1
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:	03/04/08 KSRG 0'-7903'	**Start Date:**	03/04/2008
Company:	Scientific Drilling Internatio	**Engineer:**	Madrid/Lopez
Tool:		**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

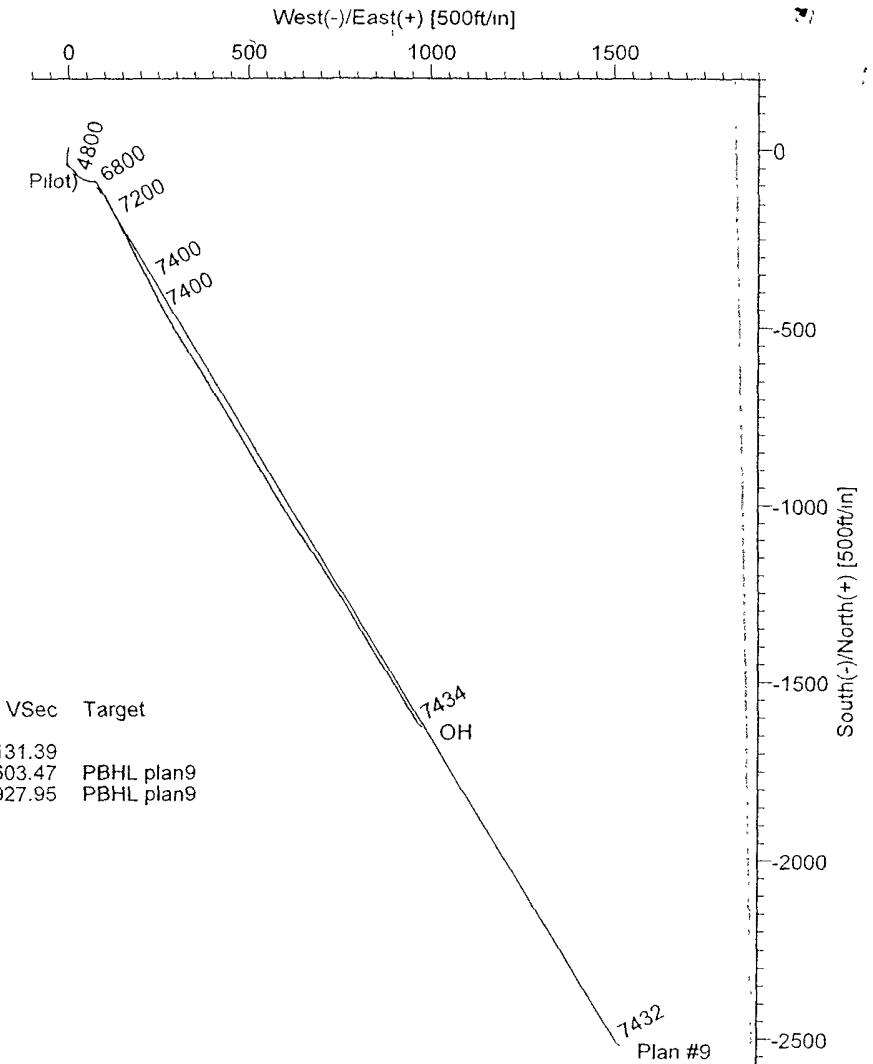
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	1 09	105 34	4898.17	100 93	-88 56	48.72	0 12	101 07	151.18
5000 00	1.28	109 04	4998 14	102.50	-89 17	50 69	0 20	102 57	150.38
5100 00	1.17	112 27	5098 12	104 19	-89.93	52 69	0.13	104 22	149 63
5200 00	1 08	106 37	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

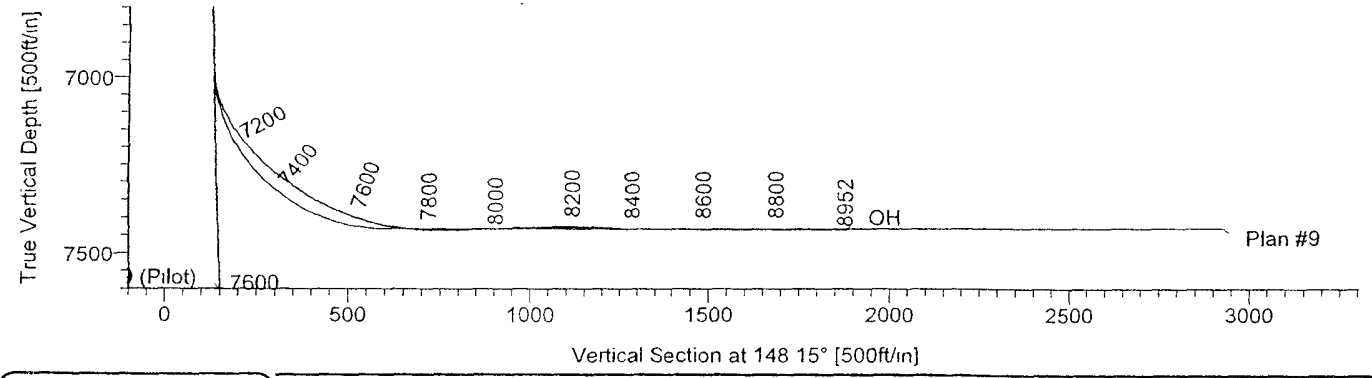


TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Surface p	0 00	0.00	0 00	Point
p1	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



LEAM Drilling Systems, Inc.

Plan Plan #9 (#9/OH)
Created By Tony LoRicco Date 4/1/2008
Checked _____ Date _____
Reviewed _____ Date _____

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
				Tie-on Depth:	0 00 ft
Current Datum:	RKB	Height	3159.00 ft	Above System Datum:	Mean Sea Level
Magnetic Data:	3/3/2008			Declination:	8 14 deg
Field Strength:	49042 nT			Mag Dip Angle:	60 32 deg

Vertical Section:	Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
	0 00	0 00	0 00	148 15

Survey Program for Definitive Wellpath
Date: 0/0/2000 Validated: No Version: 2

Actual From ft	To ft	Survey	Toolcode	Tool Name
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 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
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	**Date:** 4/1/2008 **Time:** 09.12:07	**Page:** 3
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
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