

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2004

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-35008	2 Pool Code	3 Pool Name
4 Property Code	5 Property Name FORTY NINER RIDGE UNIT	6 Well Number 9
7 OGRID No.	8 Operator Name STRATA PRODUCTION COMPANY	9 Elevation 3142

10 Surface Location

11 or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
N	10	23-S	30-E		330	SOUTH	2630	WEST	EDDY

11 Bottom Hole Location If Different From Surface

12 or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
NB	15	23-S	30-E		1283 2466	NORTH	3545 1168	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SOUTH 1/2 SEC. 10

UNIT N

LAT N32.31319
LON W103.88911

2630'

S.L.
330'

NORTH 1/2 SEC. 15

2166'

UNIT H

B.H.L.

1168'

LAT N32.30635
LON W103.86416

17 OPERATORS CERTIFICATION

I hereby certify that the information contained herein is true and copy to the best of my knowledge and belief, and that this organization will keep a working interest or undivided interest in the land under the proposed bottom hole location or has a right to drill the well or an intention pursuant to a contract with an owner of such interest or work interest, or to voluntarily seeking approval or a voluntary pooling order heretofore entered by the division.

Signature

Date

D. C. Dodd

Printed Name

18 SURVEYOR CERTIFICATION
SURFACE LOCATION ONLY

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor:

JANUARY 23, 2008 EDDY

Date of Survey



Certificate Number:
DAN R. REDDY NM PE&ES 45412

Results of Directional Survey

API number:	30-015-35008		
OGRID:		Operator:	STRATA PRODUCTION CO
		Property:	FORTY NINER RIDGE UNIT # 9H

surface	ULSTR:	N	10	T	23S	R	30E
				330	FSL	2630	FWL

BH Loc	ULSTR:	B	15	T	23S	R	30E
8951	MD	7434.3	TVD	1283	FNL	3595	FWL

Top Perf/OH	ULSTR:	B	15	T	23S	R	30E
8214	MD	7427.1	TVD	654	FNL	3212	FWL

Bot Perf/OH	ULSTR:	B	15	T	23S	R	30E
8847	MD	7433.7	TVD	1194	FNL	3542	FWL

	MD	N/S	E/W	VD
	8211	-980.99	580.86	7427
TOP PERFS/OH	8214	-983.57	582.39	7427.06
	8243	-1008.50	597.20	7427.62
	8818	-1498.82	897.22	7433.27
BOT PERFS/OH	8847	-1523.74	912.05	7433.68
	8850	-1526.32	913.58	7433.72

NEXT TO LAST	8882	-1553.85	929.87	7434.28
LAST READING	8903	-1571.99	940.45	7434.28
TD	8951	-1613.45	964.63	7434.28

Surface Location	330	FS	2630	FW
Projected BHL	1283	FN	3595	FW
Location of				
Top Perfs/OH	654	FN	3212	FW
Bottom Perfs/OH	1194	FN	3542	FW

SUMMARY of Subsurface Locations

Surface Location	N-10-23S-30E	330	FS	2630	FW	Vert. Depth
Top Perfs/OH	B-15-23S-30E	654	FN	3212	FW	7427.06
Bottom Perfs/OH	B-15-23S-30E	1194	FN	3542	FW	7433.68
Projected TD	B-15-23S-30E	1283	FN	3595	FW	7434.28



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(N/E) Reference:	Site: Eddy County, NM, Grd 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	Start Date: 03/04/2008
KSRG 0'-7903'	
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 International

Survey Report

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

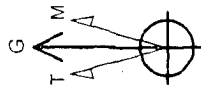
Date: 04/01/2008 Time: 15:22:56 Page: 2
 Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0 00N, 0.00E, 148.15Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

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



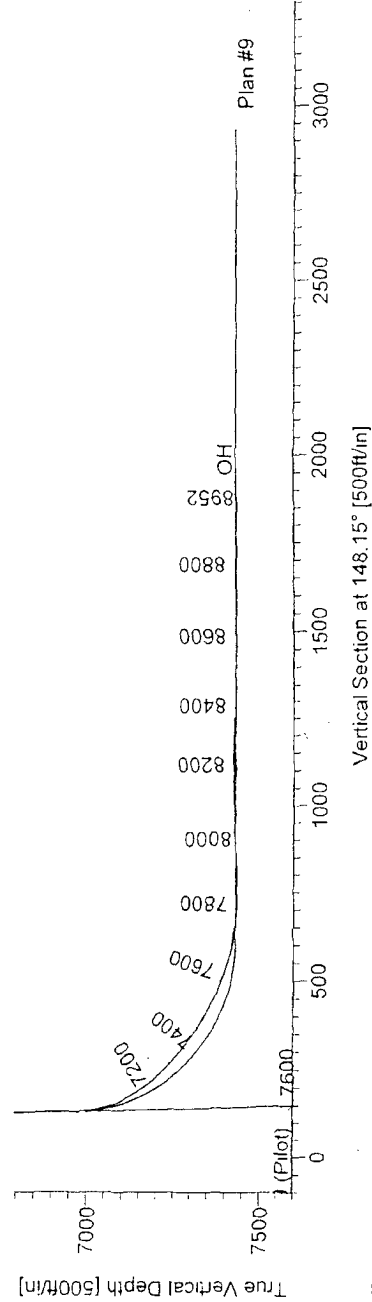
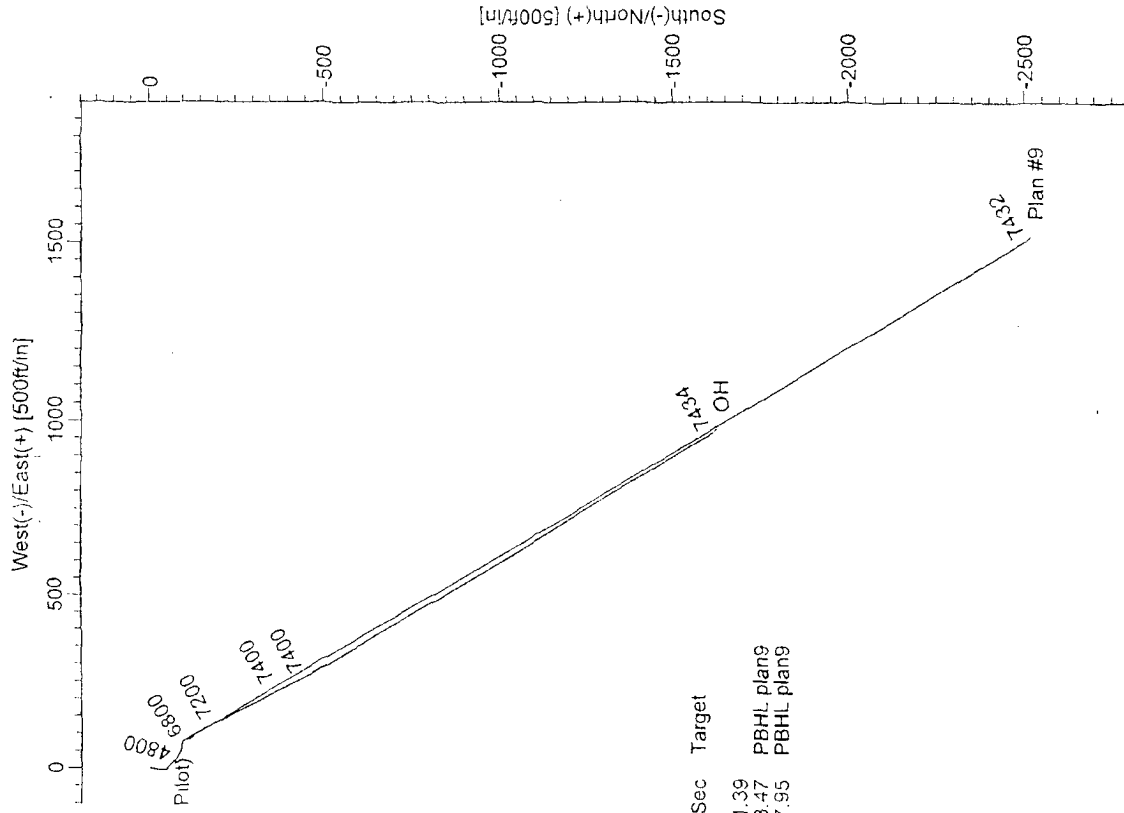
Azimuths to Grid North
 True North: -0.25°
 Magnetic North: 7.90°
 Magnetic Field
 Strength: 49042nT
 Dip Angle: 60.32°
 Date: 3/3/2008
 Model: igr200510

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Surface p	0.00	0.00	0.00	Point
pl	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



Checked By: []
 Date: []
 Released: []
 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: igr200510

Site: Forty Niner Ridge Unit Site centered in Unit #9 well 330' FSL, 2630' FWL	
Site Position:	Northing: 477969.40 ft
From: Map	Easting: 643411.80 ft
Position Uncertainty: 0.00 ft	Latitude: 32 18 47.522 N
Ground Level: 3142.00 ft	Longitude: 103 52 8.847 W
	North Reference: Grid
	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	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
ft	ft		Tool Name
100.00	7003.00	Survey #1 (100.00-7900.00) (1)	MWD
7003.00	8903.00	Survey #1 (7003.00-8903.00)	MWD
8952.00	8952.00	Survey #2 (8952.00-8952.00)	Project
			Std MWD
			Std MWD
			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 Time: 09:12:07 Page: 3
 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 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

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. Blinébry	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. 3, from.....to.....
No. 2, 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