



OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 15 2008

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Strata Production Company3a. Address
P. O. Box 1030 Roswell, New Mexico 88202-10303b. Phone No. (include area code)
575-622-1127

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FSL & 2630' FWL
Section 10 - T23S - R30E5. Lease Serial No.
NMM-0531075

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Forty Niner Ridge Unit #9 (28510)9. API Well No.
30-015-3500810. Field and Pool, or Exploratory Area
Forty Niner Ridge; Delaware11. County or Parish, State
Eddy, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well has previously received BLM approval to drill vertically to 7800' TD and run open hole logs. Strata Production Company now proposes to, following log evaluation at 7800' TD, plug back to approximately 6982' and directionally drill & complete this well as a horizontal wellbore into the Brushy Canyon "L" sand. As a result of this program revision, (1) the production casing will be changed from 5 1/2" 17# K-55 LTC to 5 1/2" 17# L-80 LTC and (2) the production casing will have cement circulated to the surface using 495 sx Schlumberger CemCRETE slurry (40/60 blend of D961 / D124 cont'g 1% D153 anti-settling, 0.2% D167 FLA, 0.2% D46 anti-foam & .125 pps D130 poly-flake (9.93 ppg, 2.83 yield) followed by 360 sx CemCRETE slurry (40/60 blend of D961 / D124 cont'g 1% D153, 0.3% D65, 0.2% D46, 0.2% D800 retarder & .125 pps D130 (10.55 ppg, 2.00 yield). (Note: the directional plan will be revised following open hole log evaluation and running of a GYRO Survey and a new plan will be filed with the BLM at that time.)

Proposed BHL: 2166' FNL & 1168' FEL of Section 15 - T23S - R30E

Attachments: (1) Revised NMOCD Form C-102 & (2) Directional Drilling Plan

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

D. C. Dodd / Sierra Engineering

Title Agent for Strata Production Company

Signature

Date

12-26-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Date JAN 14 2008

WESLEY W. INGRAM
PERMITTING ENGINEER

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 the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1501 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Branson Rd., Anton, NM 87410

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	15	23-S	30-E		2166	NORTH	1168	EAST	EDDY

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

No allowable well 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 W103.86911

2630'

S.L.

330'

NORTH 1/2 SEC. 15

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 correct to the best of my knowledge and belief, and that this organization will accept a working interest or assigned interest in the land under the proposed bottom hole location, or has a right to drill this well at its location pursuant to a contract with an owner of such interest or work interest, or is voluntarily pooling operations in a compulsory pooling under authority ordered 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 F.D.D.Y.

Date of Survey



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

STRATA PRODUCTION COMPANY

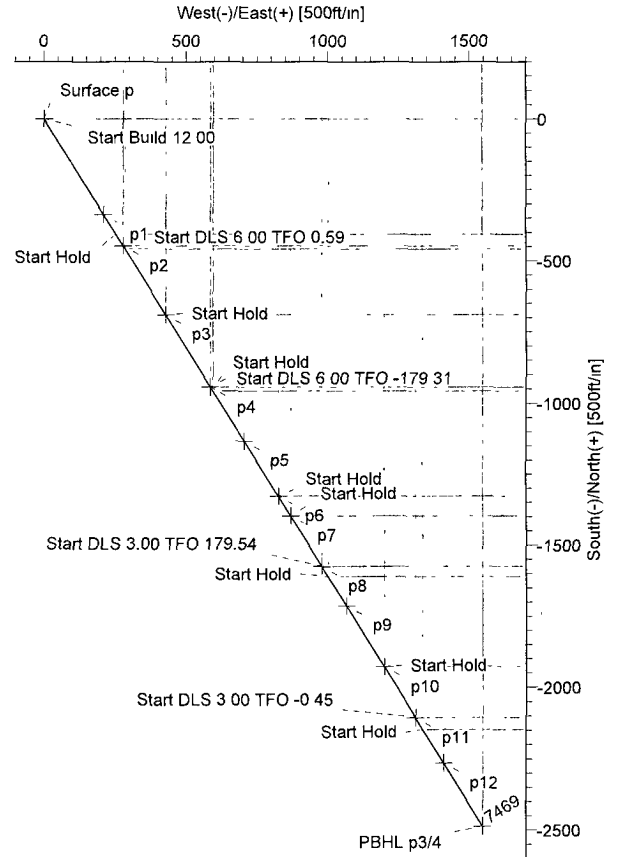
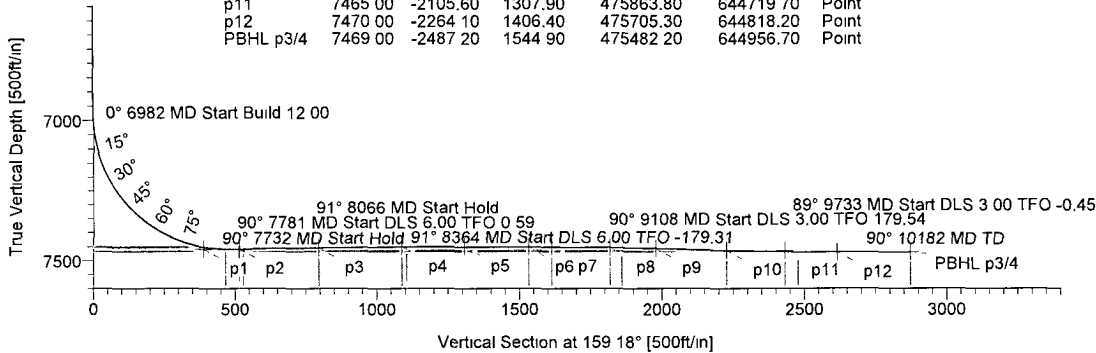
Field Eddy County, New Mexico
Site Forty Niner Ridge Unit
Well #9
Wellpath OH
Plan Plan #3

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	148.15	0.00	0.00	0.00	0.00	0.00	0.00	
2	6981.54	0.00	148.15	6981.54	0.00	0.00	0.00	0.00	0.00	
3	7731.54	90.00	148.15	7459.00	-405.59	251.94	12.00	148.15	468.65	p2
4	7781.11	90.00	148.15	7459.00	-447.70	278.10	0.00	0.00	517.31	p3
5	7794.84	90.82	148.16	7458.90	-459.36	285.34	6.00	0.59	530.79	p4
6	8066.24	90.82	148.16	7455.00	-689.90	428.50	0.00	0.00	797.15	p6
7	8364.34	90.82	148.16	7450.71	-943.12	585.74	0.00	0.00	1089.73	p7
8	8381.09	89.82	148.15	7450.62	-957.34	594.58	6.00	-179.31	1106.16	p8
9	8817.92	89.82	148.15	7452.00	-1328.40	825.10	0.00	0.00	1534.93	p10
10	8899.52	89.82	148.15	7452.26	-1397.71	868.16	0.00	0.00	1615.02	p11
11	9107.88	89.82	148.15	7452.92	-1574.69	978.11	0.00	0.00	1819.52	p12
12	9150.22	88.55	148.16	7453.52	-1610.66	1000.45	3.00	179.54	1861.08	
13	9524.60	88.55	148.16	7463.00	-1928.60	1197.90	0.00	0.00	2228.44	
14	9733.05	88.55	148.16	7468.28	-2105.62	1307.84	0.00	0.00	2432.98	
15	9780.91	89.98	148.15	7468.89	-2146.28	1333.09	3.00	-0.45	2479.95	
16	10182.28	89.98	148.15	7469.00	-2487.20	1544.90	0.00	0.00	2873.90	PBHL p3/4

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Surface p	0.00	0.00	0.00	477969.40	643411.80	Point
p1	7459.00	-337.60	209.70	477631.80	643621.50	Point
p2	7459.00	-447.70	278.10	477521.70	643689.90	Point
p3	7455.00	-689.90	428.50	477279.50	643840.30	Point
p4	7451.00	-943.10	585.80	477026.30	643997.60	Point
p5	7450.00	-1132.30	703.30	476837.10	644115.10	Point
p6	7452.00	-1328.40	825.10	476641.00	644236.90	Point
p7	7451.00	-1397.70	868.20	476571.70	644280.00	Point
p8	7453.00	-1574.70	978.10	476394.70	644389.90	Point
p9	7457.00	-1713.70	1064.50	476255.70	644476.30	Point
p10	7463.00	-1928.60	1197.90	476040.80	644609.70	Point
p11	7465.00	-2105.60	1307.90	475863.80	644719.70	Point
p12	7470.00	-2264.10	1406.40	475705.30	644818.20	Point
PBHL p3/4	7469.00	-2487.20	1544.90	475482.20	644956.70	Point



Azimuths to Grid North
True North -0 25°
Magnetic North 7 90°
Magnetic Field
Strength 49042nT
Dip Angle 60 32°
Date 11/19/2007
Model igrf200510



LEAM DRILLING SYSTEMS, INC
101 Industrial Court - Conroe, Texas 77301
Phone 936-756-7577 Fax 936-756-7595

Plan Plan #3 (p3/4)
Created By Tony LaRocca Date 12/5/2007
Checked _____ Date _____
Reviewed _____ Date _____
Approved _____ Date _____

Leam Drilling Systems, Inc.

Planning Report

Company: STRATA PRODUCTION COMPANY Field: Eddy County, New Mexico Site: Forty Niner Ridge Unit Well: #9 Wellpath: OH	Date: 12/5/2007 Co-ordinate(NE) Reference: Well: #9, Grid North Vertical (TVD) Reference: Ground Elevation 3142.0 Section (VS) Reference: Well (0 00N,0.00E,159.18Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Field: Eddy County, New Mexico

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

Current Datum: Ground Elevation	Height 3142 00 ft	Drilled From: Surface
Magnetic Data: 11/19/2007		Tie-on Depth: 0 00 ft
Field Strength: 49042 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 8 14 deg
ft	+N/-S ft	Mag Dip Angle: 60 32 deg
	ft	+E/-W Direction
		deg
0.00	0 00	0 00 159 18

Plan: Plan #3 Chg tgts and SHL/bld plan with 12's Principal: No	Date Composed: 12/3/2007 Version: 1 Tied-to: From Surface
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Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0 00	0 00	148.15	0 00	0.00	0.00	0 00	0.00	0 00	0 00	
6981 54	0 00	148 15	6981 54	0 00	0.00	0 00	0.00	0 00	0 00	
7731 54	90 00	148 15	7459 00	-405.59	251.94	12 00	12 00	0 00	148.15	
7781 11	90 00	148 15	7459.00	-447 70	278 10	0 00	0.00	0 00	0 00	p2
7794 84	90 82	148 16	7458 90	-459 36	285 34	6 00	6 00	0 06	0 59	
8066 24	90 82	148 16	7455 00	-689 90	428 50	0 00	0.00	0 00	0 00	p3
8364 34	90 82	148 16	7450 71	-943.12	585 74	0 00	0 00	0 00	0 00	p4
8381.09	89.82	148 15	7450.62	-957.34	594 58	6 00	-6 00	-0 07	-179.31	
8817 92	89 82	148.15	7452 00	-1328 40	825.10	0 00	0 00	0 00	0 00	p6
8899 52	89 82	148.15	7452 26	-1397 71	868 16	0 00	0 00	0 00	0 00	p7
9107 88	89 82	148.15	7452 92	-1574 69	978 11	0 00	0 00	0 00	0 00	p8
9150 22	88.55	148.16	7453 52	-1610 66	1000.45	3 00	-3 00	0 02	179 54	
9524 60	88 55	148 16	7463 00	-1928.60	1197 90	0 00	0 00	0 00	0 00	p10
9733 05	88 55	148.16	7468.28	-2105 62	1307.84	0 00	0 00	0 00	0 00	p11
9780 91	89 98	148 15	7468 89	-2146 28	1333 09	3 00	3 00	-0 02	-0 45	
10182 28	89 98	148 15	7469 00	-2487 20	1544 90	0 00	0 00	0 00	0 00	PBHL p3/4

Leam Drilling Systems, Inc.

Planning Report

Company: STRATA PRODUCTION COMPANY
 Field: Eddy County, New Mexico
 Site: Forty Niner Ridge Unit
 Well: #9
 Wellpath: OH

Date: 12/5/2007 Time: 15:40:08 Page: 2
 Co-ordinate(NE) Reference: Well: #9, Grid North
 Vertical (TVD) Reference: Ground Elevation 3142.0
 Section (VS) Reference: Well (0.00N,0.00E,159.18Azi)
 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
6981.54	0.00	148.15	6981.54	0.00	0.00	0.00	0.00	0.00	0.00	
7081.54	12.00	148.15	7080.81	-8.86	5.51	10.24	12.00	12.00	0.00	
7181.54	24.00	148.15	7175.74	-35.07	21.78	40.52	12.00	12.00	0.00	
7281.54	36.00	148.15	7262.19	-77.46	48.12	89.51	12.00	12.00	0.00	
7381.54	48.00	148.15	7336.36	-134.20	83.36	155.07	12.00	12.00	0.00	
7481.54	60.00	148.15	7395.03	-202.80	125.97	234.33	12.00	12.00	0.00	
7581.54	72.00	148.15	7435.63	-280.26	174.09	323.83	12.00	12.00	0.00	
7681.54	84.00	148.15	7456.38	-363.19	225.61	419.67	12.00	12.00	0.00	
7731.54	90.00	148.15	7459.00	-405.59	251.94	468.65	12.00	12.00	0.00	
7781.54	90.03	148.15	7459.00	-448.06	278.32	517.73	0.05	0.05	0.00	
7794.84	90.82	148.16	7458.90	-459.36	285.34	530.79	6.00	6.00	0.06	
7881.54	90.82	148.16	7457.66	-533.01	331.07	615.88	0.00	0.00	0.00	
7981.54	90.82	148.16	7456.22	-617.95	383.82	714.02	0.00	0.00	0.00	
8066.24	90.82	148.16	7455.00	-689.90	428.50	797.15	0.00	0.00	0.00	p3
8081.54	90.82	148.16	7454.78	-702.90	436.57	812.17	0.00	0.00	0.00	
8181.54	90.82	148.16	7453.34	-787.84	489.32	910.32	0.00	0.00	0.00	
8281.54	90.82	148.16	7451.91	-872.79	542.07	1008.46	0.00	0.00	0.00	
8364.34	90.82	148.16	7450.71	-943.12	585.74	1089.73	0.00	0.00	0.00	p4
8381.54	89.82	148.15	7450.62	-957.73	594.82	1106.61	5.84	-5.84	-0.07	
8481.54	89.82	148.15	7450.94	-1042.67	647.59	1204.76	0.00	0.00	0.00	
8581.54	89.82	148.15	7451.25	-1127.61	700.36	1302.91	0.00	0.00	0.00	
8681.54	89.82	148.15	7451.57	-1212.56	753.13	1401.06	0.00	0.00	0.00	
8781.54	89.82	148.15	7451.89	-1297.50	805.90	1499.22	0.00	0.00	0.00	
8817.92	89.82	148.15	7452.00	-1328.40	825.10	1534.93	0.00	0.00	0.00	p6
8881.54	89.82	148.15	7452.20	-1382.44	858.67	1597.37	0.00	0.00	0.00	
8899.52	89.82	148.15	7452.26	-1397.71	868.16	1615.02	0.00	0.00	0.00	p7
8981.54	89.82	148.15	7452.52	-1467.38	911.44	1695.52	0.00	0.00	0.00	
9081.54	89.82	148.15	7452.83	-1552.32	964.21	1793.67	0.00	0.00	0.00	
9107.88	89.82	148.15	7452.92	-1574.69	978.11	1819.52	0.00	0.00	0.00	p8
9150.22	88.55	148.16	7453.52	-1610.66	1000.45	1861.08	3.00	-3.00	0.02	
9181.54	88.55	148.16	7454.31	-1637.26	1016.97	1891.81	0.00	0.00	0.00	
9281.54	88.55	148.16	7456.84	-1722.18	1069.71	1989.94	0.00	0.00	0.00	
9381.54	88.55	148.16	7459.38	-1807.10	1122.45	2088.06	0.00	0.00	0.00	
9481.54	88.55	148.16	7461.91	-1892.03	1175.19	2186.18	0.00	0.00	0.00	
9524.60	88.55	148.16	7463.00	-1928.60	1197.90	2228.44	0.00	0.00	0.00	p10
9581.54	88.55	148.16	7464.44	-1976.95	1227.93	2284.31	0.00	0.00	0.00	
9681.54	88.55	148.16	7466.97	-2061.88	1280.67	2382.43	0.00	0.00	0.00	
9733.05	88.55	148.16	7468.28	-2105.62	1307.84	2432.98	0.00	0.00	0.00	p11
9781.54	89.98	148.15	7468.89	-2146.81	1333.42	2480.57	2.96	2.96	-0.02	
9881.54	89.98	148.15	7468.92	-2231.75	1386.19	2578.72	0.00	0.00	0.00	
9981.54	89.98	148.15	7468.95	-2316.69	1438.96	2676.87	0.00	0.00	0.00	
10081.54	89.98	148.15	7468.97	-2401.63	1491.74	2775.02	0.00	0.00	0.00	
10181.54	89.98	148.15	7469.00	-2486.57	1544.51	2873.17	0.00	0.00	0.00	

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->				
								Deg	Min	Sec	Deg	Min	Sec		
Surface p			0 00	0.00	0 00	477969.40	643411 80	32	18	47.522	N	103	52	8 847	W
p5			7450 00	-1132 30	703 30	476837 10	644115 10	32	18	36 286	N	103	52	0 709	W
p4			7451 00	-943.10	585 80	477026.30	643997 60	32	18	38.164	N	103	52	2 068	W

Leam Drilling Systems, Inc.

Planning Report

Company: STRATA PRODUCTION COMPANY
Field: Eddy County, New Mexico
Site: Forty Niner Ridge Unit
Well: #9
Wellpath: OH

Date: 12/5/2007 **Time:** 15:40:08 **Page:** 3
Co-ordinate(NE) Reference: Well: #9, Grid North
Vertical (TVD) Reference: Ground Elevation 3142.0
Section (VS) Reference: Well (0.00N,0.00E,159.18Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
p7		7451.00	-1397.70	868.20	476571.70	644280.00	32	18	33.653 N	103	51	58.801 W
p6		7452.00	-1328.40	825.10	476641.00	644236.90	32	18	34.340 N	103	51	59.299 W
p8		7453.00	-1574.70	978.10	476394.70	644389.90	32	18	31.897 N	103	51	57.529 W
p3		7455.00	-689.90	428.50	477279.50	643840.30	32	18	40.676 N	103	52	3.888 W
p9		7457.00	-1713.70	1064.50	476255.70	644476.30	32	18	30.517 N	103	51	56.530 W
p1		7459.00	-337.60	209.70	477631.80	643621.50	32	18	44.172 N	103	52	6.420 W
p2		7459.00	-447.70	278.10	477521.70	643689.90	32	18	43.079 N	103	52	5.629 W
p10		7463.00	-1928.60	1197.90	476040.80	644609.70	32	18	28.385 N	103	51	54.986 W
p11		7465.00	-2105.60	1307.90	475863.80	644719.70	32	18	26.629 N	103	51	53.713 W
PBHL p3/4		7469.00	-2487.20	1544.90	475482.20	644956.70	32	18	22.842 N	103	51	50.971 W
p12		7470.00	-2264.10	1406.40	475705.30	644818.20	32	18	25.056 N	103	51	52.574 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction