

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION:
 NEW WELL WORKOVER DEEPEN PLUG BACK DIFF.RESVR. OTHER _____

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 1720' FSL & 680' FEL Sec 9-T31N-R6W
At top production interval reported below:
At total depth: 1167' FSL & 958' FWL Sec 10

5. LEASE DESIGNATION AND LEASE NO.
SF-078765

6. INDIAN, ALLOTTEE OR _____

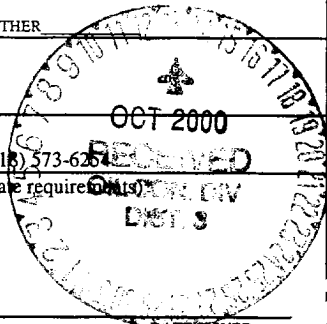
7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #75A

9. API WELL NO.
30-045-29854

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW/4 SW/4 SEC 10-T31N-6W



14. PERMIT NO.	DATE ISSUED	12. COUNTY OR	13. STATE
		SAN JUAN	NEW MEXICO
15. DATE SPUDDED 06/15/2000	16. DATE T.D. REACHED 06/23/2000	19. ELEVATION CASINGHEAD	
17. DATE COMPLETED (READY TO PRODUCE) 08/16/2000		18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6334' GR	
20. TOTAL DEPTH, MD & TVD 6500' MD	21. PLUG, BACK T.D., MD & TVD 6400' MD	22. IF MULTICOMP., HOW MANY	23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MV 5512' - 6283'		25. WAS DIRECTIONAL SURVEY MADE	26. WAS WELL CORED
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR & DEN/NEU/TEMP		YES	NO

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36#	517'	12-1/4"	255 SX - SURFACE	
7" K-55	20#	3934'	8-3/4"	625 SX - SURFACE	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3814'	6499'	300 SX		2-3/8"	6263'	

31. PERFORATION RECORD (Interval, size, and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>CH/Menefee:</i> 5512', 15', 27', 31', 5749', 53', 56', 62', 83', 85', 87', 5813', 17', 37', 40', 43', 45', 5908', 12', 15', 56', 59', 65', 68', 72', 76', 80', 83', 87' and 89'. Total of 30 (0.38") holes	5512'- 5989'	80,000# 20/40 Sand in 1906 BBIs slick water
<i>Point Lookout:</i> 6018', 21', 23', 29', 33', 37', 41', 44', 46', 48', 57', 59', 82', 90', 98', 6109', 14', 17', 22', 30', 44', 48', 59', 90', 6210', 14', 36', 41', 45', 62', 65', 68' and 83'. Total of 33 (0.38") holes	6018'- 6283'	80,000# 20/40 Sand in 2050 BBIs slick water

33. PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
8/18/00	3 hr	3/4"			436		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
264	610				3,486		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD TEST WITNESSED BY: CHIK CHARLEY

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Tracy Ross TITLE Production Analyst DATE August 28 2000 **ACCEPTED FOR RECORD**

SEP 15 2000

FARMINGTON FIELD OFFICE
BY [Signature]

NMOC

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEASURED DEPTH	TRUE VERTICAL DEPTH
FRUITLAND	3106'	3414'				
PICTURED CLIFFS	3414'	3772'				
LEWIS	3772'	5595'				
CLIFF HOUSE	5595'	5624'				
MENEFEE	5624'	5836'				
POINT LOOKOUT	5836'					

**ROSA UNIT #75A
BLANCO MESAVERDE**

Spud date: 6/15/00

Complete: 8/16/00

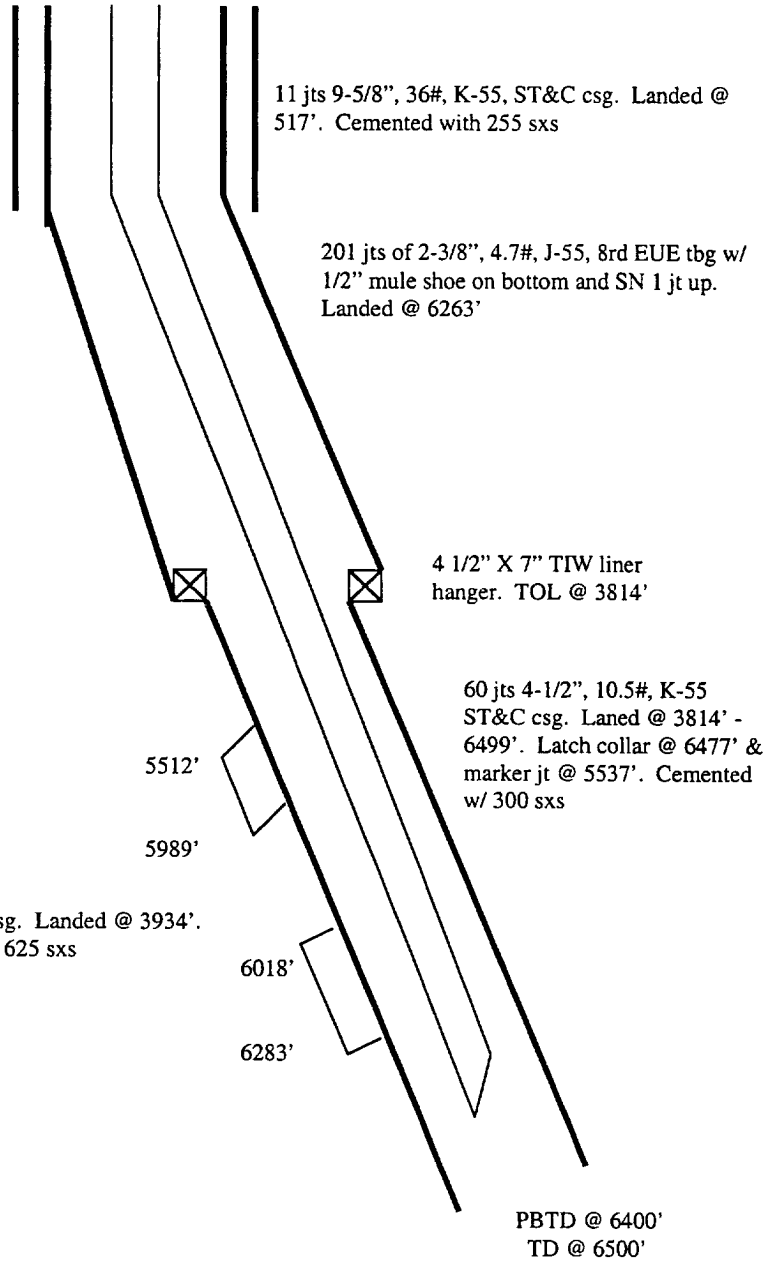
Surface Location:

1720' FSL and 680' FEL
NE/4 SE/4 Sec 9(I), T31N, R6W
San Juan, New Mexico
Elevation: 6334' GR

Bottom Hole Location:

1167' FSL and 958' FWL
SW/4 SW/4 Sec. 10(M), T31N, R6W
San Juan, New Mexico

<u>Top</u>	<u>Depth</u>
Fruitland	3106'
Pictured Cliffs	3414'
Lewis	3772'
Cliffhouse Ss.	5595'
Menefee	5624'
Point Lookout	5836'



Stimulation

CH/MEN: 5512' - 5989' (30, 0.38")
Frac with 80,000# of 20/40 sand in
1906 bbl slick water

Point Lookout: 6018' - 6283' (33,
0.38") Frac with 80,000# of 20/40
sand 2050 bbl of slick water

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	255 sx	352 cu. ft.	Surface
8-3/4"	7", 20#	625 sx	1184 cu. ft.	Surface
6-1/4"	4-1/2", 10.5#	300 sx	438 cu. ft.	3814'

SPERRY-SUN DRILLING SERVICES

CERTIFIED SURVEY WORK SHEET

OPERATOR:	Williams Production Co.
WELL:	Rosa #75A
FIELD:	Mesa Verde
RIG:	Aztec Well Serv. Rig #124
LEGALS:	Sec. 9-T31N-R06W
COUNTY:	San Juan
STATE:	New Mexico
CAL. METHOD:	Minimum Curvature
MAG. DECL. APPLIED:	11.20° East
VERTICAL SEC. DIR. :	112.94

SSDS Job Number :	CA-MJ-00072
Start Date of Job :	06/15/00
End Date of Job :	06/23/00
Lead Directional Driller:	J. Groom
Other SSDS DD's :	R. Oaks
SSDS MWD Engineers :	R. Scott

	Main Hole	1st Side Track	2nd Side Track	3rd Side Track	4th Side Track
Well Head	0.00	Tie On	Tie On	Tie On	Tie On
Surface Csg. Shoe	517.00				
First Survey Depth	530.29	MWD			
Last Survey Depth	3895.00	MWD			
KOP Depth/Sidetrack MD	582.29	KOP	KOP-ST1	KOP-ST2	KOP-ST3
First Survey Depth	4051.00	SS			
Last Survey Depth	6452.00	SS			
Bit Extrapolation to TD	6500.00	T.D.	T.D.	T.D.	T.D.

The following Sperry Sun Drilling Services personnel listed below, do certify the above survey information to be accurate :

Print Name :	Print Name :	Print Name :
Sign Name :	Sign Name :	Sign Name :
Print Name :	Print Name :	Print Name :
Sign Name :	Sign Name :	Sign Name :

Examples of Survey Types:
 Tie On
 MWD
 ESS
 Gyro
 SS

Tie On to Surface Casing (Assumed Vertical), Tie On to existing MWD Survey (prior drilled hole)
 Sperry Sun Drilling Services (SSDS) Measurement While Drilling (MWD) Survey's
 Sperry Sun Drilling Services (SSDS) Electronic Survey System (ESS) Survey's
 Gyro Survey's ; Provided by third party vendor, or by Sperry Sun Drilling Services (SSDS)
 Single Shot (SS) Survey's ; Provided by Sperry Sun Drilling Services (SSDS) or third party vendor.

Williams Production Company

***Mesa Verde Field
San Juan Co., NM
Sec. 9-T31N-R06W
Rosa Unit # 75A - MWD / SS Survey***

SURVEY REPORT

23 June, 2000

sperry-sun
DRILLING SERVICES
A Halliburton Company

Survey Ref: svy1647

OPERATOR

Sperry-Sun Drilling Services

Survey Report for Rosa Unit # 75A - MWD / SS Survey

Williams Production Company
Mesa Verde Field

San Juan Co., NM
Sec. 9-T31N-R06W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
530.29	1.300	115.400	530.24	2.58 S	5.43 E	6.01	0.25
560.54	1.200	112.600	560.49	2.85 S	6.04 E	6.67	0.39
590.84	2.200	111.200	590.77	3.18 S	6.87 E	7.57	3.30
621.67	3.700	113.800	621.56	3.80 S	8.33 E	9.15	4.88
651.77	5.000	115.200	651.57	4.75 S	10.41 E	11.44	4.33
681.90	6.000	118.700	681.57	6.06 S	12.98 E	14.32	3.50
712.07	7.500	116.200	711.53	7.69 S	16.13 E	17.85	5.07
742.00	8.700	115.400	741.16	9.52 S	19.93 E	22.06	4.03
772.16	9.900	113.400	770.92	11.53 S	24.37 E	26.93	4.12
802.29	10.500	113.900	800.57	13.67 S	29.25 E	32.27	2.01
832.42	11.900	113.000	830.13	16.00 S	34.62 E	38.12	4.68
862.56	12.700	113.800	859.58	18.55 S	40.52 E	44.54	2.71
892.68	13.500	113.100	888.91	21.26 S	46.78 E	51.37	2.71
922.88	13.900	114.900	918.25	24.18 S	53.31 E	58.52	1.94
954.80	14.600	113.500	949.19	27.39 S	60.48 E	66.37	2.44
985.59	15.200	113.300	978.95	30.54 S	67.74 E	74.29	1.96
1016.29	16.200	114.400	1008.50	33.90 S	75.34 E	82.59	3.40
1046.81	17.500	113.800	1037.71	37.51 S	83.42 E	91.44	4.30
1079.59	18.600	114.700	1068.88	41.68 S	92.68 E	101.59	3.46
1111.52	19.600	114.700	1099.05	46.05 S	102.17 E	112.04	3.13
1143.05	20.000	114.900	1128.71	50.53 S	111.86 E	122.71	1.29
1173.09	20.600	115.800	1156.89	54.99 S	121.28 E	133.12	2.25
1204.88	21.800	115.200	1186.53	59.94 S	131.66 E	144.61	3.84
1236.37	22.700	114.400	1215.67	64.94 S	142.48 E	156.52	3.02
1266.90	23.600	112.600	1243.74	69.72 S	153.49 E	168.53	3.75
1298.27	24.600	112.200	1272.38	74.60 S	165.33 E	181.33	3.23
1329.77	25.300	113.700	1300.94	79.78 S	177.57 E	194.62	3.00
1359.61	26.400	114.900	1327.79	85.14 S	189.42 E	207.63	4.08
1391.37	27.500	115.400	1356.10	91.26 S	202.45 E	222.01	3.54
1422.82	28.900	115.900	1383.82	97.69 S	215.85 E	236.85	4.51
1454.17	30.000	115.100	1411.12	104.33 S	229.76 E	252.25	3.73
1484.01	30.700	115.100	1436.87	110.72 S	243.41 E	267.32	2.35
1514.98	30.700	114.500	1463.50	117.36 S	257.77 E	283.12	0.99
1545.67	31.100	111.400	1489.83	123.50 S	272.28 E	298.88	5.35
1577.13	31.500	110.000	1516.71	129.27 S	287.56 E	315.21	2.64
1608.08	31.300	110.500	1543.13	134.85 S	302.69 E	331.31	1.06
1638.16	31.100	110.500	1568.86	140.31 S	317.29 E	346.88	0.66
1668.29	31.000	110.800	1594.67	145.79 S	331.83 E	362.41	0.61
1700.17	31.800	111.600	1621.89	151.80 S	347.31 E	379.01	2.83

Continued...

Sperry-Sun Drilling Services

Survey Report for Rosa Unit # 75A - MWD / SS Survey

Williams Production Company
Mesa Verde Field

San Juan Co., NM
Sec. 9-T31N-R06W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
1731.30	33.200	111.400	1648.14	157.93 S	362.88 E	395.73	4.51
1762.12	33.600	111.700	1673.87	164.16 S	378.66 E	412.69	1.40
1824.70	33.000	112.200	1726.17	177.00 S	410.52 E	447.05	1.05
1915.73	31.300	112.300	1803.24	195.34 S	455.36 E	495.48	1.87
2008.88	32.500	110.200	1882.33	213.17 S	501.23 E	544.68	1.75
2104.40	31.700	112.100	1963.24	231.47 S	548.57 E	595.40	1.35
2195.37	30.600	110.700	2041.10	248.65 S	592.38 E	642.44	1.45
2289.00	31.800	114.400	2121.19	267.26 S	637.14 E	690.92	2.41
2380.30	31.600	114.500	2198.87	287.12 S	680.81 E	738.88	0.23
2473.59	31.400	113.800	2278.41	307.06 S	725.29 E	787.61	0.45
2566.95	31.300	113.300	2358.14	326.47 S	769.82 E	836.18	0.30
2661.04	31.000	111.900	2438.67	345.18 S	814.75 E	884.85	0.83
2724.21	30.400	113.700	2492.99	357.67 S	844.48 E	917.10	1.74
2785.66	30.600	114.400	2545.93	370.38 S	872.96 E	948.28	0.66
2876.45	29.400	115.400	2624.56	389.48 S	914.13 E	993.64	1.43
2971.39	30.800	114.900	2706.69	409.71 S	957.23 E	1041.22	1.50
3066.03	31.000	113.100	2787.90	429.48 S	1001.63 E	1089.81	1.00
3160.14	30.800	114.700	2868.66	449.06 S	1045.81 E	1138.13	0.90
3223.18	30.500	117.400	2922.89	463.16 S	1074.68 E	1170.21	2.23
3253.96	31.400	117.200	2949.29	470.42 S	1088.74 E	1185.99	2.94
3348.07	31.900	109.100	3029.44	489.77 S	1134.07 E	1235.27	4.54
3441.56	34.700	104.200	3107.59	504.39 S	1183.23 E	1286.24	4.15
3535.26	33.800	105.000	3185.04	517.68 S	1234.26 E	1338.42	1.07
3627.10	32.100	104.500	3262.10	530.40 S	1282.56 E	1387.86	1.87
3721.45	32.200	109.100	3342.00	544.91 S	1330.59 E	1437.75	2.60
3815.46	30.800	114.400	3422.17	563.05 S	1376.19 E	1486.81	3.30
3895.00	30.800	114.200	3490.49	579.81 S	1413.31 E	1527.53	0.13
4051.00	20.000	111.200	3631.20	605.91 S	1474.80 E	1594.32	6.97
4174.00	11.000	101.200	3749.63	615.81 S	1505.99 E	1626.91	7.61
4429.00	9.000	91.200	4000.76	620.96 S	1549.80 E	1669.26	1.04
4677.00	10.500	73.200	4245.23	614.83 S	1590.84 E	1704.67	1.36
4928.00	5.250	49.200	4493.84	600.70 S	1621.46 E	1727.36	2.42
5427.00	2.000	19.200	4991.81	577.56 S	1641.61 E	1736.90	0.73
5926.00	1.500	355.200	5490.58	562.82 S	1643.93 E	1733.29	0.18
6452.00	1.000	298.000	6016.47	553.81 S	1639.30 E	1725.51	0.24
6500.00	1.000	298.000	6064.46	553.42 S	1638.56 E	1724.68	0.00

Continued...

Sperry-Sun Drilling Services

Survey Report for Rosa Unit # 75A - MWD / SS Survey

Williams Production Company
Mesa Verde Field

San Juan Co., NM
Sec. 9-T31N-R06W

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to RKB. Northings and Eastings are relative to Wellhead.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Wellhead and calculated along an Azimuth of 112.938° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 6500.00ft.,
The Bottom Hole Displacement is 1729.49ft., in the Direction of 108.662° (True).

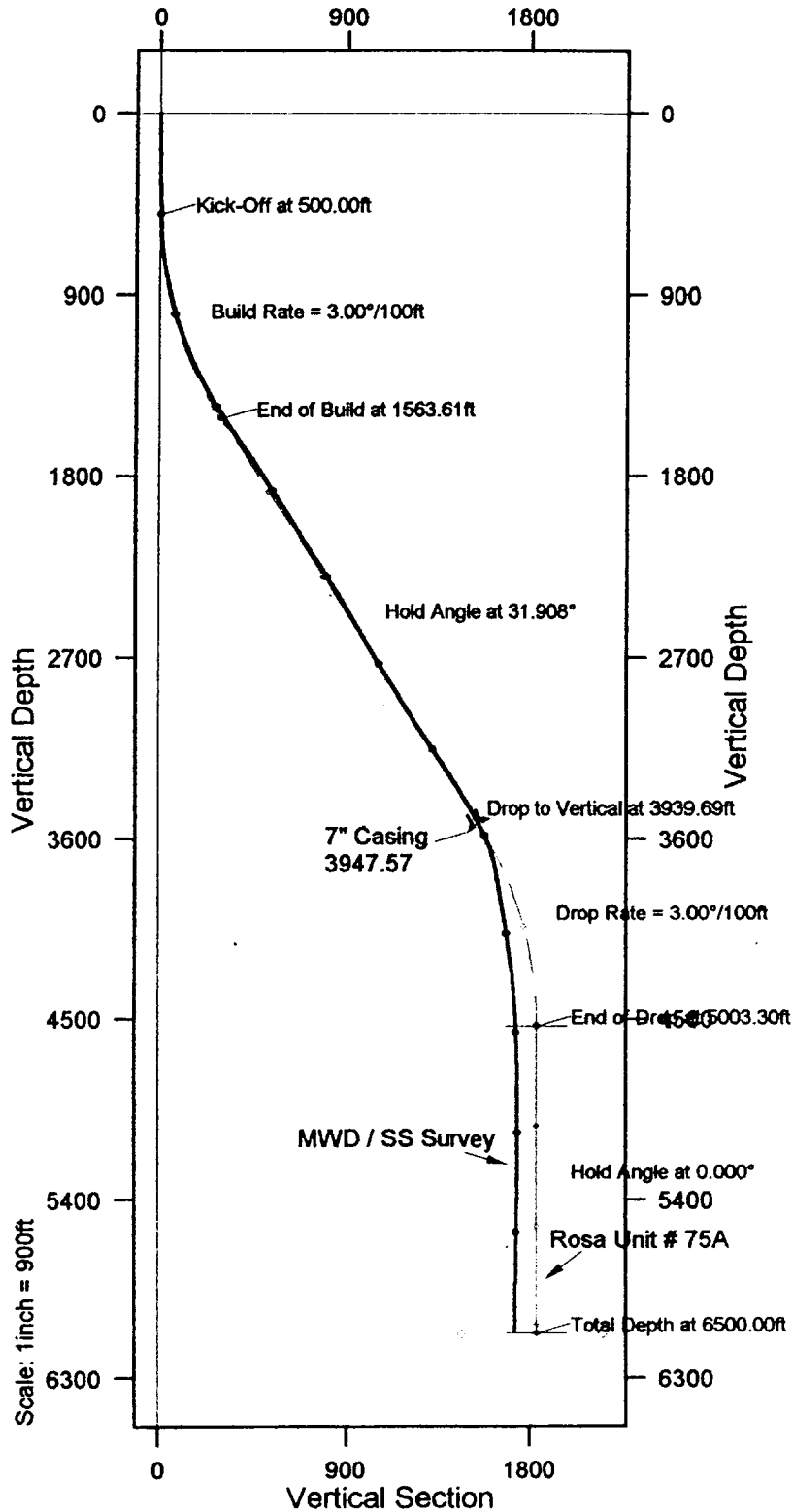
Station at 6500' is an extrapolation to the bit at T.D.

Survey tool program

From		To		Survey Tool Description
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	
0.00	0.00	3895.00	3490.49	Sperry-Sun MWD (Sys)
3895.00	3490.49	6500.00	6064.46	SSDS Single Shot

Mesa Verde Field
 San Juan Co., NM
 Sec. 9-T31N-R06W
 Rosa Unit # 75A

Vertical Section
 Scale: 1inch = 900ft



Prepared by:
Richard

Date/Time:
23 June, 2000 - 13:12

Checked:

Approved: