

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, 2005

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD SEP 24 '08

☒ AMENDED REPORT

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT DIST. 3

*API Number 39-29784		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 350A
*OGRID No 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6683'

¹⁰ Surface Location

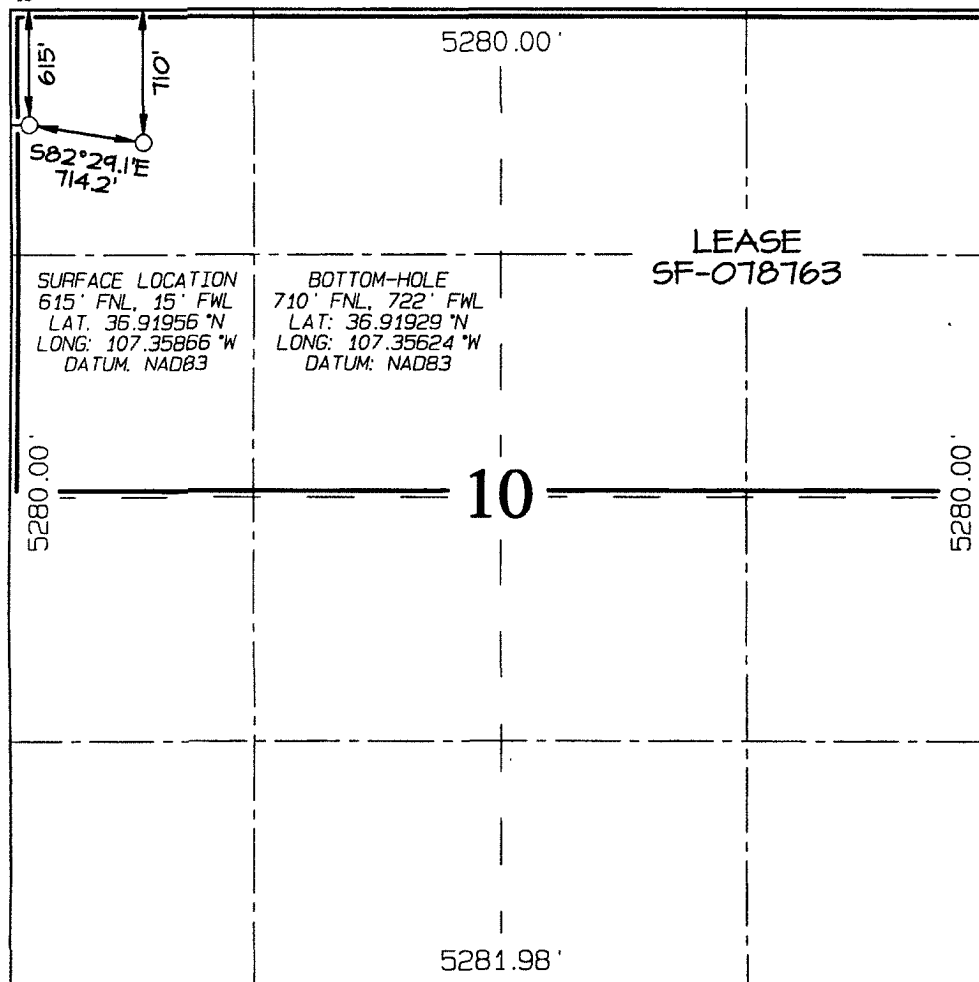
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	31N	5W		615	NORTH	15	WEST	RIO ARriba

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
D	10	31N	5W		710	NORTH	722	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - (N/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

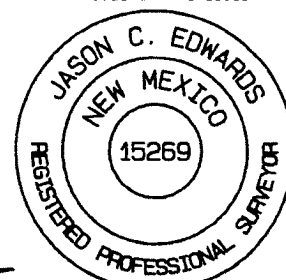
Heather Riley 9/24/08
Signature Date
Heather Riley
Printed Name

¹⁸ SURVEYOR CERTIFICATION

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

Date Revised: SEPTEMBER 21, 2008
Date of Survey: MARCH 8, 2005

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269



Scientific Drilling

Gyroscopic Survey Report
for
Williams

30-039-29789

Well Location	Sec. 10, T-31N, R-5-W , Rio Arriba County, NM
Well Name	Rosa Unit #350A FRC
Rig Name	AWS 204
Survey Date	2008/08/28
Latitude	36.92 deg
North Reference	True North
Grid Correction	0.00 deg
Depth Reference	RKB (14')
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 0.00Azim (deg)
Definitive Survey	Computed from ROSA#350.BIN's HighSpeed: InRun
Operator	Brett Lanier

Comments

Surveyed from RKB to 3645'
Surveyed in 2 7/8" drill pipe
Survey referenced to TRUE NORTH and RKB (14')

RCVD SEP 19 '08
OIL CONS. DIV.
DIST. 3



Scientific Drilling

Survey Report

Well Name: Rosa Unit #350A FRC
Survey: Computed from ROSA#350.BIN's HighSpeed: InRun
Survey Date: 2008/08/28

MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.59	5.02	100.00	0.51	0.51	0.04	0.59	0.51	5.02
200.00	0.41	0.02	199.99	1.38	1.38	0.09	0.18	1.38	3.71
300.00	0.40	30.05	299.99	2.05	2.05	0.27	0.21	2.06	7.43
400.00	0.40	72.59	399.99	2.46	2.46	0.78	0.29	2.58	17.60
500.00	1.21	97.25	499.98	2.43	2.43	2.16	0.86	3.25	41.69
600.00	1.43	84.22	599.95	2.42	2.42	4.45	0.37	5.07	61.45
700.00	2.06	89.72	699.91	2.55	2.55	7.48	0.65	7.91	71.15
800.00	3.03	96.40	799.81	2.27	2.27	11.91	1.02	12.13	79.22
900.00	4.45	98.83	899.59	1.38	1.38	18.37	1.42	18.43	85.71
1000.00	4.80	100.77	999.26	0.00	0.00	26.32	0.39	26.32	90.00
1100.00	5.77	97.06	1098.84	-1.40	-1.40	35.42	1.02	35.45	92.26
1200.00	6.96	99.09	1198.22	-2.97	-2.97	46.39	1.21	46.49	93.67
1300.00	7.27	99.36	1297.45	-4.96	-4.96	58.61	0.31	58.82	94.84
1400.00	8.38	98.59	1396.52	-7.08	-7.08	72.06	1.12	72.40	95.61
1500.00	9.03	94.89	1495.37	-8.83	-8.83	87.08	0.85	87.53	95.79
1600.00	10.13	94.09	1593.97	-10.13	-10.13	103.67	1.10	104.16	95.58
1700.00	10.87	97.28	1692.30	-11.95	-11.95	121.79	0.94	122.38	95.60
1800.00	11.46	99.16	1790.40	-14.73	-14.73	140.96	0.70	141.72	95.96
1900.00	12.73	99.80	1888.18	-18.18	-18.18	161.62	1.27	162.64	96.42
2000.00	13.26	98.63	1985.62	-21.78	-21.78	183.82	0.59	185.11	96.76
2100.00	14.74	100.17	2082.65	-25.75	-25.75	207.69	1.53	209.28	97.07
2200.00	15.23	96.71	2179.25	-29.53	-29.53	233.26	1.02	235.12	97.21
2300.00	16.40	96.73	2275.46	-32.72	-32.72	260.33	1.17	262.38	97.16
2400.00	16.91	94.16	2371.26	-35.42	-35.42	288.86	0.89	291.02	96.99
2500.00	17.41	93.37	2466.81	-37.36	-37.36	318.30	0.56	320.48	96.69
2600.00	18.17	95.04	2562.03	-39.61	-39.61	348.77	0.91	351.01	96.48
2700.00	18.91	98.69	2656.84	-43.43	-43.43	380.32	1.38	382.79	96.51
2800.00	20.07	102.27	2751.11	-49.52	-49.52	413.11	1.67	416.07	96.84
2900.00	21.88	102.83	2844.48	-57.31	-57.31	448.06	1.82	451.71	97.29
3000.00	22.89	98.90	2936.95	-64.46	-64.46	485.44	1.80	489.70	97.56
3100.00	22.27	95.74	3029.29	-69.36	-69.36	523.51	1.36	528.08	97.55
3200.00	21.88	94.45	3121.96	-72.70	-72.70	560.94	0.63	565.63	97.38
3300.00	23.45	95.06	3214.23	-75.90	-75.90	599.33	1.59	604.12	97.22
3400.00	21.88	98.78	3306.52	-80.50	-80.50	637.56	2.12	642.62	97.20
3500.00	17.18	102.54	3400.74	-86.56	-86.56	670.41	4.86	675.97	97.36
3600.00	14.23	103.77	3497.00	-92.69	-92.69	696.77	2.97	702.90	97.58
3645.00	13.99	104.12	3540.64	-95.34	-95.34	707.41	0.55	713.81	97.68

RCVD SEP 19 '08

OIL CONS. DIV.

DIST. 3

ROSA UNIT #350A
BASIN FRUITLAND COAL

Surface Location:

615' FNL and 15' FWL
NW/4 NW/4 Sec 10 (D), T31N, R5W
Rio Arriba, NM

Spud: 07/31/08

Completed: 09/05/08

1st Delivered: 09/06/08

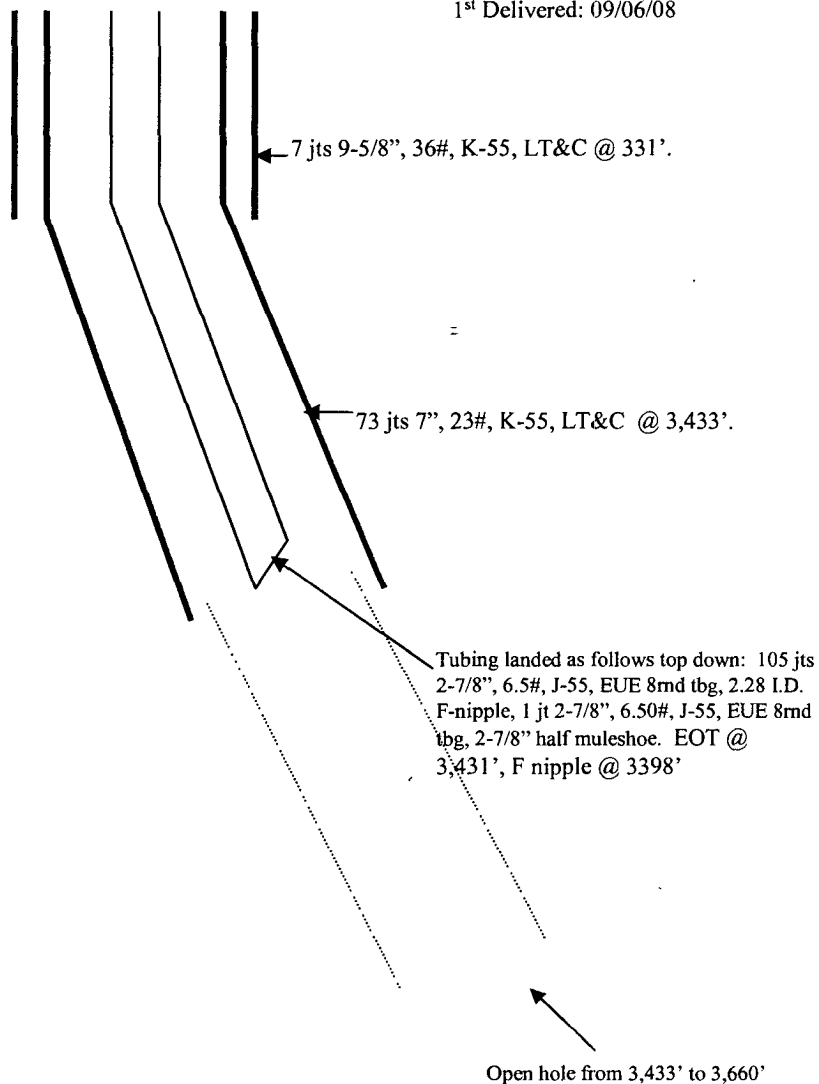
Bottom Hole Location:

710' FNL and 722' FWL
NW/4 NW/4 Sec 10 (D), T31N, R5W
Rio Arriba, NM

Elevation: 6683' GR

API # 30-039-29789

<u>Top</u>	MD	TVD
Ojo Alamo	2,861'	2,807'
Kirtland	2,978'	2,917'
Fruitland	3,371'	3,277'



Under ream from 6-1/4" to 9-1/2"
from 3,440' to 3,660'

TD @ 3,660' MD
TVD @ 3,555'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	165 sxs	226 cu.ft.	Surface
8-3/4"	7", 23#	533 sxs	1060 cu.ft.	Surface