April 21, 2008

EXPLORATION & PRODUCTION
One Williams Center
P.O. Box 3102
Tulsa, OK 74101-3102
918/573-2000

Bureau of Land Management (3 copies)
Farmington Resource Area
Attn: Wayne Townsend
1235 La Plata Highway
Farmington, New Mexico 87401

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

State of New Mexico (2 copies)
Oil Conservation Division
Attn: Ed Martin
1200 South St. Francis Drive
P.O. Box 2308
Santa Fe, New Mexico 87504-2308

Re: Rosa Unit I, Sec. No 587
Rosa Dakota Formation
San Juan and Rio Arriba Counties, New Mexico
NOTICE OF COMPLETION OF COMMERCIAL AND NON-COMMERCIAL WELLS

Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement I Sec. No. 587, Williams Production Company, LLC, as Unit Operator, has determined that the Rosa Unit #147B, #160B are capable of producing unitized substances in paying quantities from the Dakota Formation and the #153B is not capable of producing unitized substances in paying quantities from the Dakota Formation.

WELL DATA

The Rosa Unit #147B Dakota Well (commercial) is located 1511 feet from the North Line and 2268 feet from the East Line, Section 33, T31N, R5W, N.M.P.M., San Juan County, New Mexico. This well was spud on June 4, 2004 and completed in the Dakota formation on August 31, 2004. The Dakota formation was perforated with 42 holes between the following depths:

8059' to 8198'

These perforations were sand/foam fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 920 psig. On September 23, 2004 the well was tested and after flowing for three hours through a ¾" choke on the 2 1/6" tubing, the well gauged 390 MCFPD.

The Rosa Unit #160B Dakota Well (commercial) is located 1425 feet from the South Line and 50 feet from the West line, Section 25, T31N R6W, N.M.P.M., San Juan County, New Mexico. This well was spud on July 11, 2003 and perforated with 21 holes between the following depths:

7856' to 7954'

These perforations were sand/water fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 945 psig. On May 21, 2002 the well was tested and after flowing for three hours through a 2" choke on the 2 1/16" tubing, the well gauged 143 MCFPD.

The Rosa Unit #153B Dakota Well (non-commercial) is located 2620 feet from the South Line and 545 feet from the East Line, Section 17, T31N R5W, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on October 21, 2004 and completed in the Dakota formation on November 12, 2004. The Dakota formation was perforated with 21 holes between the following depths:

7890' to 8063'

These perforations were sand/water fractured. This well has a 2 1/16" tubing string. The well was shut in with a SICP of 905 psig. On January 12, 2005 the well was tested and after flowing for three hours through a ¾" choke on the 2 1/16" tubing, the well gauged 127 MCFPD.

If these determinations meet with your approval, please indicate such approval in the space provided and return an approved copy for our files.

The Well Data, Reserves and Economics are attached.

This information is also being sent to the Rosa Unit working interest owners on the attached sheet.

Sincerely,

Kris Russell

Kris Russell
Sr. Contract Administrator
918/573-6181
Kris.russell@williams.com

APPROVED ______________________ DATE ______________________

Assistant District Manager, Minerals
Bureau of Land Management
Subject to like approval by the
Commission of Public Lands
And the Oil Conservation Commission

APPROVED ______________________ DATE ______________________

Commissioner of Public Lands
Subject to like approval by the
Bureau of Land Management
And The Commissioner of Public Lands

APROVED ______________________ DATE ______________________

Oil Conservation Commission
Subject to like approval by the
Bureau of Land Management
And The Commissioner of Public Lands

The forgoing is the approval of Notice of Completion of Commercial wells for the Rosa #147B, #160B and #153B.

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA PRODUCTION CO.
ATTN: JOHN LARSON, WL1 RM 19.158
501 WESTLAKE BOULEVARD
HOUSTON, TX 77079-3092

MS. ELIZABETH T. CALLOWAY
P.O. BOX 191767
DALLAS, TX 75219-1767

J. GLENN TURNER, JR. LLC
3838 OAK LAWN
SUITE 1450
DALLAS, TX 75219

MARY FRANCES TURNER, JR TRUST
ATTN: BARRY L. DOMINICK
TX1-2931
P O BOX 660197
DALLAS, TX 75266-0197

PATRICIA P. SCHIEFFER TRUST, BANK OF AMERICA, N.A. AGT
ATTN: JEFF ANDERSON
P.O. BOX 2546
FORT WORTH, TX 76113-2546

MS. VICTORIA WEBB
806 CORDOVA
DALLAS, TX 75223

SACRAMENTO MUNICIPAL UTILITIES DISTRICT
ATTN: THOMAS INGWERS
P. O. BOX 15830
SACRAMENTO, CA 95852-1830

SCHULTZ MANAGEMENT, LTD.
500 N. AKARD, SUITE 2940
DALLAS, TX 75201

FRED E. TURNER, LLC
4925 GREENVILLE AVE., SUITE 852
DALLAS, TX 75206-4079

XTO ENERGY, INC.
ATTN: EDWIN S. RYAN, JR.
810 HOUSTON STREET, STE 2000
FORT WORTH, TX 76102-6298

MR. JOHN TURNER
PMB 285
317 SIDNEY BAKER SOUTH #400
KERRVILLE, TX 78028

FOREST OIL CORPORATION
ATTN: KEN MCPHEE
707 17th STREET
DENVER, CO 80202

HENRIETTA E. SCHULTZ, TRUSTEE
500 NORTH AKARD, SUITE 2940
DALLAS, TX 75201

CONOCOPHILLIPS COMPANY
ATTN: CHIEF LANDMAN, SAN JUAN/ROCKIES
P. O. BOX 4289
FARMINGTON, NM 87499-4289

OGRE(R) V2.2 BATAX DATA REPORT DATE: 03/25/08
FILE NAME: wpcp (25035) TIME: 13:42:51
CASE NAME: COMM RU 147B DK -147B -90TH-RLG-

101 ROSA UNIT # 147B DK
102 DK T31N-R5W SEC. 33
103 DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BASIN
104 RIO ARRIBA COUNTY ,NM

117 CASE NONE
120 1 2003 12 12 31 2003 8 2
130 INVEST -DB200 7 0 0 0 0
131 DRLG -DB200 7 0 0 0 0
132 COMP -DB200 7 0 0 0 0
133 GATHPL -DB200 7 0 0 0 0
134 PLATFAC ACRS 7 0 0 0 0
135 NETLND -DB200 7 0 0 0 0
136 WTRCAP -DB200 0 0 0 0 0
137 GRSOTH -DB200 7 0 0 0 0
138 NETACQ -DB200 7 0 0 0 0
139 NTSALE -DB200 7 0 0 0 0
140 INFRAC -DB200 7 0 0 0 0
162 SET RPTFRM = 2

	W.I. FRACTION	OP. COST ($/W/MO)	OP. COST ($/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	1.00000000	.00	1210.00	1.000	GAS	9/23/2004

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE ($/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	.000	.87500000	7.560	9.000	1.0	
224	WATER	.000	.87500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT		(M OR Y)	CALC VALUE	
410	GAS	235.792	92.735	914.850	X	7.500	%	D		
CALC	GAS	235.792END=	7.500	914.850	205.989	7.005	YRS	D	616.419	MMCF
411	GAS	EXP	LAST	LAST	X	35.000	IYRS	D		
CALC	GAS	EXP END=	7.500	205.989	13.453	42.005	YRS	D	1517.834	MMCF
420	WATER	EXP	5.000	3.101	X	29.685	YRS	D		
CALC	WATER	EXP END=	5.000	3.101	.676	31.412	YRS	D	17.253	M-UNITS

600 SERIES LINES:
----
602 DATA BTU : 0.98088 TO LIFE
605 DATA WATERC : 2.40 TO LIFE
630 ! EST. GATHERING PER WFS U99 CONTRACT
630 DATA ESC1 : 0.4574 TO LIFE
632 ! SETS VARIABLE 2 EQUAL TO 1
632 DATA ESC2 : 1 TO LIFE
633 ! SETS VARIABLE 2 EQUAL TO WI
633 COMPUTE ESC2 = ESC2 * WI
634 ! SETS VARIABLE 3 EQUAL TO 1
634 DATA ESC3 : 1 TO LIFE
635 ! SETS VARIABLE 3 EQUAL TO NIG
635 COMPUTE ESC3 = ESC3 * NIG
636 ! WEIGHTING FACTOR BETWEEN WI AND NIG
636 COMPUTE ESC2 = ESC2 / ESC3
637 ! MULTIPLIES GATHERING * WEIGHTING FACTOR
637 COMPUTE ESC2 = ESC2 * ESC1
638 ! DEDUCTS BURDENED GATHERING FROM PRICE
638 COMPUTE GASP = GASP - ESC2
640 ! EST. FLU PER WFS U99 CONTRACT
640 DATA ESC1 : 0.06049 TO LIFE
641 ! CASE 100242 RIFUELBR - RI FUELL BURDEN ALGORITHM
642 ! SETS VARIABLE 2 EQUAL TO 1
642 DATA ESC2 : 1 TO LIFE
643 ! SETS VARIABLE 2 EQUAL TO WI
643 COMPUTE ESC2 = ESC2 * WI
644 ! SETS VARIABLE 3 EQUAL TO 1
644 DATA ESC3 : 1 TO LIFE
645 ! SETS VARIABLE 3 EQUAL TO NIG
645 COMPUTE ESC3 = ESC3 * NIG
646 ! WEIGHTING FACTOR BETWEEN WI AND NIG
646 COMPUTE ESC2 = ESC2 / ESC3
647 ! MULTIPLIES FL&U * WEIGHTING FACTOR
647 COMPUTE ESC1 = ESC2 * ESC1
648 ! MAKES BURDENED FLU A NEGATIVE
648 COMPUTE ESC1 = ESC1 * -1
649 ! CREATES FLU& SHRINK FACTOR
649 COMPUTE ESC1 = ESC1 + 1
650 ! ADJUSTS GASP FOR BURDENED FLU & SHRINK
650 COMPUTE GASP = GASP * ESC1
660 DATA GASP : 5.62 UNTIL 12 2004 : 8.27 UNTIL 12 2005 : 6.38 UNTIL 12 2006 : 7.03 UNTIL 12 2007 : 7.03 TO LIFE
698 SET IDCAMORT = IND
699 SET FEDTAX = 39

	INV NAME	INV. POINT		(G OR N)	TANG-M$	INTANG-M$	LSEHLD-M$	RISK FRAC	OVHD FLAG
802	DRLG	2004.650	AD	G	58.091	194.148	.000		
803	COMP	2004.650	AD	G	83.920	209.480	.000		

ROSA UNIT # 147B DK
DK T31N-R5W SEC. 33
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/25/08
TIME: 13:42:51
FILE: wpcp
PROP: 25035
STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

R E S E R V E S   A N D   E C O N O M I C S

AS OF DECEMBER 31, 2003

-END-	----GROSS PRODUCTION---		-----NET PRODUCTION----		---PRICES---			----OPERATIONS, M$----			
MO-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL $/B	GAS $/M	NO. OF WELLS	OIL REVENUE	GAS REVENUE	OTHER REVENUE	TOTAL REVENUE
12-04	.000	71.966	.000	62.970	.00	5.51	1.0	.000	347.125	.000	347.125
12-05	.000	163.902	.000	143.414	.00	8.11	1.0	.000	1163.357	.000	1163.357
12-06	.000	117.363	.000	102.693	.00	6.26	1.0	.000	642.654	.000	642.654
12-07	.000	97.968	.000	85.722	.00	6.90	1.0	.000	591.103	.000	591.103
12-08	.000	86.398	.000	75.598	.00	6.90	1.0	.000	521.293	.000	521.293
12-09	.000	78.439	.000	68.634	.00	6.90	1.0	.000	473.272	.000	473.272
12-10	.000	72.359	.000	63.314	.00	6.90	1.0	.000	436.587	.000	436.587
12-11	.000	66.931	.000	58.565	.00	6.90	1.0	.000	403.840	.000	403.840
12-12	.000	61.912	.000	54.173	.00	6.90	1.0	.000	373.555	.000	373.555
12-13	.000	57.268	.000	50.110	.00	6.90	1.0	.000	345.538	.000	345.538
12-14	.000	52.973	.000	46.351	.00	6.90	1.0	.000	319.617	.000	319.617
12-15	.000	49.001	.000	42.876	.00	6.90	1.0	.000	295.655	.000	295.655
12-16	.000	45.325	.000	39.659	.00	6.90	1.0	.000	273.472	.000	273.472
12-17	.000	41.926	.000	36.685	.00	6.90	1.0	.000	252.965	.000	252.965
12-18	.000	38.781	.000	33.933	.00	6.90	1.0	.000	233.988	.000	233.988
12-19	.000	35.873	.000	31.389	.00	6.90	1.0	.000	216.446	.000	216.446
12-20	.000	33.182	.000	29.034	.00	6.90	1.0	.000	200.206	.000	200.206
12-21	.000	30.694	.000	26.857	.00	6.90	1.0	.000	185.195	.000	185.195
12-22	.000	28.391	.000	24.842	.00	6.90	1.0	.000	171.300	.000	171.300
12-23	.000	26.263	.000	22.980	.00	6.90	1.0	.000	158.461	.000	158.461
12-24	.000	24.292	.000	21.256	.00	6.90	1.0	.000	146.573	.000	146.573
12-25	.000	22.471	.000	19.662	.00	6.90	1.0	.000	135.581	.000	135.581
12-26	.000	20.785	.000	18.187	.00	6.90	1.0	.000	125.410	.000	125.410
12-27	.000	19.227	.000	16.824	.00	6.90	1.0	.000	116.011	.000	116.011
12-28	.000	17.784	.000	15.561	.00	6.90	1.0	.000	107.302	.000	107.302
S TOT	.000	1361.474	.000	1191.289	.00	6.91	1.0	.000	8236.506	.000	8236.506
REM.	.000	156.360	.000	136.818	.00	6.90	1.0	.000	943.439	.000	943.439
TOTAL	.000	1517.834	.000	1328.107	.00	6.91	1.0	.000	9179.945	.000	9179.945

-END-	----OPERATIONS, M$----				----CAPITAL COSTS, M$----					8.00 PCT
MO-YR	SEVERANCE TAXES	AD VAL TAXES	NET OPER EXPENSES	OPERATIONS CASH FLOW	TANGIBLE COSTS	INTANG. COSTS	LSEHOLD COSTS	SALVAGE VALUE	CASH FLOW BTAX, M$	CUM. DISC BTAX, M$
12-04	31.241	3.159	4.702	308.023	142.011	403.628	.000	.000	-237.616	-230.775
12-05	104.702	10.587	17.131	1030.937	.000	.000	.000	.000	1030.937	687.681
12-06	57.839	5.848	16.999	561.968	.000	.000	.000	.000	561.968	1151.250
12-07	53.199	5.379	16.877	515.648	.000	.000	.000	.000	515.648	1545.101
12-08	46.916	4.744	16.759	452.874	.000	.000	.000	.000	452.874	1865.383
12-09	42.594	4.307	16.646	409.725	.000	.000	.000	.000	409.725	2133.685
12-10	39.293	3.973	16.541	376.780	.000	.000	.000	.000	376.780	2362.137
12-11	36.346	3.675	16.440	347.379	.000	.000	.000	.000	347.379	2557.161
12-12	33.620	3.399	16.344	320.192	.000	.000	.000	.000	320.192	2723.606
12-13	31.098	3.144	16.253	295.043	.000	.000	.000	.000	295.043	2865.617
12-14	28.766	2.909	16.164	271.778	.000	.000	.000	.000	271.778	2986.740
12-15	26.609	2.690	16.085	250.271	.000	.000	.000	.000	250.271	3090.016
12-16	24.612	2.489	16.006	230.365	.000	.000	.000	.000	230.365	3178.036
12-17	22.767	2.302	15.929	211.967	.000	.000	.000	.000	211.967	3253.027
12-18	21.059	2.129	15.862	194.938	.000	.000	.000	.000	194.938	3316.885
12-19	19.480	1.970	15.792	179.204	.000	.000	.000	.000	179.204	3371.240
12-20	18.019	1.822	15.732	164.633	.000	.000	.000	.000	164.633	3417.477
12-21	16.668	1.685	15.667	151.175	.000	.000	.000	.000	151.175	3456.789
12-22	15.417	1.559	15.612	138.712	.000	.000	.000	.000	138.712	3490.188
12-23	14.261	1.442	15.557	127.201	.000	.000	.000	.000	127.201	3518.547
12-24	13.192	1.334	15.506	116.541	.000	.000	.000	.000	116.541	3542.605
12-25	12.202	1.234	15.456	106.689	.000	.000	.000	.000	106.689	3562.998
12-26	11.287	1.141	15.410	97.572	.000	.000	.000	.000	97.572	3580.266
12-27	10.441	1.056	15.365	89.149	.000	.000	.000	.000	89.149	3594.875
12-28	9.657	.976	15.322	81.347	.000	.000	.000	.000	81.347	3607.218
S TOT	741.285	74.953	390.157	7030.111	142.011	403.628	.000	.000	6484.472	3607.218
REM.	84.909	8.584	236.089	613.857	.000	.000	.000	.000	613.857	3667.473
TOTAL	826.194	83.537	626.246	7643.968	142.011	403.628	.000	.000	7098.329	3667.473

ROSA UNIT # 147B DK
DK T31N-R5W SEC. 33
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/25/08
TIME: 13:42:51
FILE: wpcp
PROP: 25035
STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

A F T E R   T A X   E C O N O M I C S

AS OF DECEMBER 31, 2003

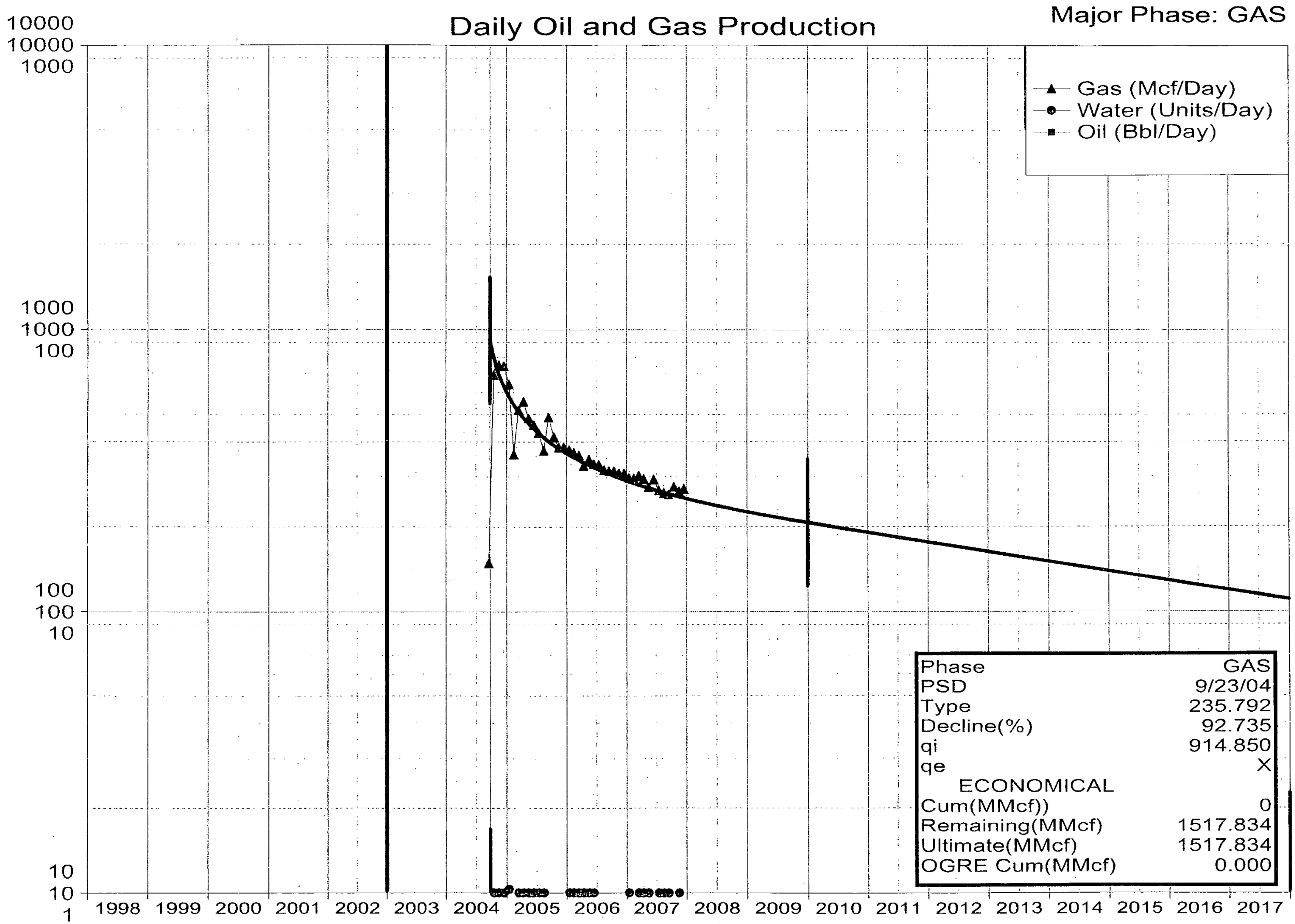
-END- MO-YR	OPER CASH FLOW, M$	DEPR. EXP., M$	DEPL. EXP., M$	INTANG. EXP., M$	INTEREST EXP., M$	TAXABLE INCOME M$	TAX CREDIT M$	TAXES PAYABLE M$	CASH FLOW ATAX, M$	8.00 PCT CUM. DISC ATAX, M$
12-04	308.023	14.201	.000	403.628	.000	-109.806	.000	-42.824	-194.792	-190.708
12-05	1030.937	36.517	.000	.000	.000	994.420	.000	387.824	643.113	382.238
12-06	561.968	26.084	.000	.000	.000	535.884	.000	208.995	352.973	673.406
12-07	515.648	18.631	.000	.000	.000	497.017	.000	193.837	321.811	919.205
12-08	452.874	13.308	.000	.000	.000	439.566	.000	171.431	281.443	1118.247
12-09	409.725	12.555	.000	.000	.000	397.170	.000	154.896	254.829	1285.118
12-10	376.780	12.554	.000	.000	.000	364.226	.000	142.048	234.732	1427.443
12-11	347.379	8.161	.000	.000	.000	339.218	.000	132.295	215.084	1548.194
12-12	320.192	.000	.000	.000	.000	320.192	.000	124.875	195.317	1649.725
12-13	295.043	.000	.000	.000	.000	295.043	.000	115.067	179.976	1736.351
12-14	271.778	.000	.000	.000	.000	271.778	.000	105.993	165.785	1810.236
12-15	250.271	.000	.000	.000	.000	250.271	.000	97.606	152.665	1873.234
12-16	230.365	.000	.000	.000	.000	230.365	.000	89.842	140.523	1926.926
12-17	211.967	.000	.000	.000	.000	211.967	.000	82.667	129.300	1972.671
12-18	194.938	.000	.000	.000	.000	194.938	.000	76.026	118.912	2011.624
12-19	179.204	.000	.000	.000	.000	179.204	.000	69.890	109.314	2044.781
12-20	164.633	.000	.000	.000	.000	164.633	.000	64.207	100.426	2072.985
12-21	151.175	.000	.000	.000	.000	151.175	.000	58.958	92.217	2096.965
12-22	138.712	.000	.000	.000	.000	138.712	.000	54.098	84.614	2117.338
12-23	127.201	.000	.000	.000	.000	127.201	.000	49.608	77.593	2134.637
12-24	116.541	.000	.000	.000	.000	116.541	.000	45.451	71.090	2149.312
12-25	106.689	.000	.000	.000	.000	106.689	.000	41.609	65.080	2161.751
12-26	97.572	.000	.000	.000	.000	97.572	.000	38.053	59.519	2172.285
12-27	89.149	.000	.000	.000	.000	89.149	.000	34.768	54.381	2181.196
12-28	81.347	.000	.000	.000	.000	81.347	.000	31.725	49.622	2188.725
S TOT	7030.111	142.011	.000	403.628	.000	6484.472	.000	2528.945	3955.527	2188.725
REM.	613.857	.000	.000	.000	.000	613.857	.000	239.405	374.452	2225.481
TOTAL	7643.968	142.011	.000	403.628	.000	7098.329	.000	2768.350	4329.979	2225.481

BTAX RATE OF RETURN (PCT)	100.00	ATAX RATE OF RETURN (PCT)	100.00
BTAX PAYOUT	03/24/2005	ATAX PAYOUT	04/20/2005
BTAX PAYOUT (DISC)	03/31/2005	ATAX PAYOUT (DISC)	04/30/2005
BTAX NET INCOME/INVEST	14.01	ATAX NET INCOME/INVEST	8.94
BTAX NET INCOME/INVEST (DISC)	8.07	ATAX NET INCOME/INVEST (DISC)	5.29
PRODUCTION START DATE	9/23/04	PROJECT LIFE (YEARS)	41.01
MONTHS IN FIRST LINE	12.00	DISCOUNT RATE (PCT)	8.00
GROSS WELLS	1.00	PRIOR DEPL. BASIS (M$)	.000
		PRIOR DEPR. BASIS (M$)	.000
MAX. OIL PRICE ($/B)	.00	MAX. GAS PRICE ($/M)	8.11
GROSS OIL WELLS	.00	GROSS GAS WELLS	1.00
CUMULATIVE OIL (MBBL)	.000	CUMULATIVE GAS (MMCF)	.000
REMAINING OIL (MBBL)	.000	REMAINING GAS (MMCF)	1517.834
ULTIMATE OIL (MBBL)	.000	ULTIMATE GAS (MMCF)	1517.834
INITIAL W.I. FRACTION	1.00000000	FINAL W.I. FRACTION	1.00000000
INITIAL NET OIL FRACTION	.00000000	FINAL NET OIL FRACTION	.00000000
INITIAL NET GAS FRACTION	.87500000	FINAL NET GAS FRACTION	.87500000

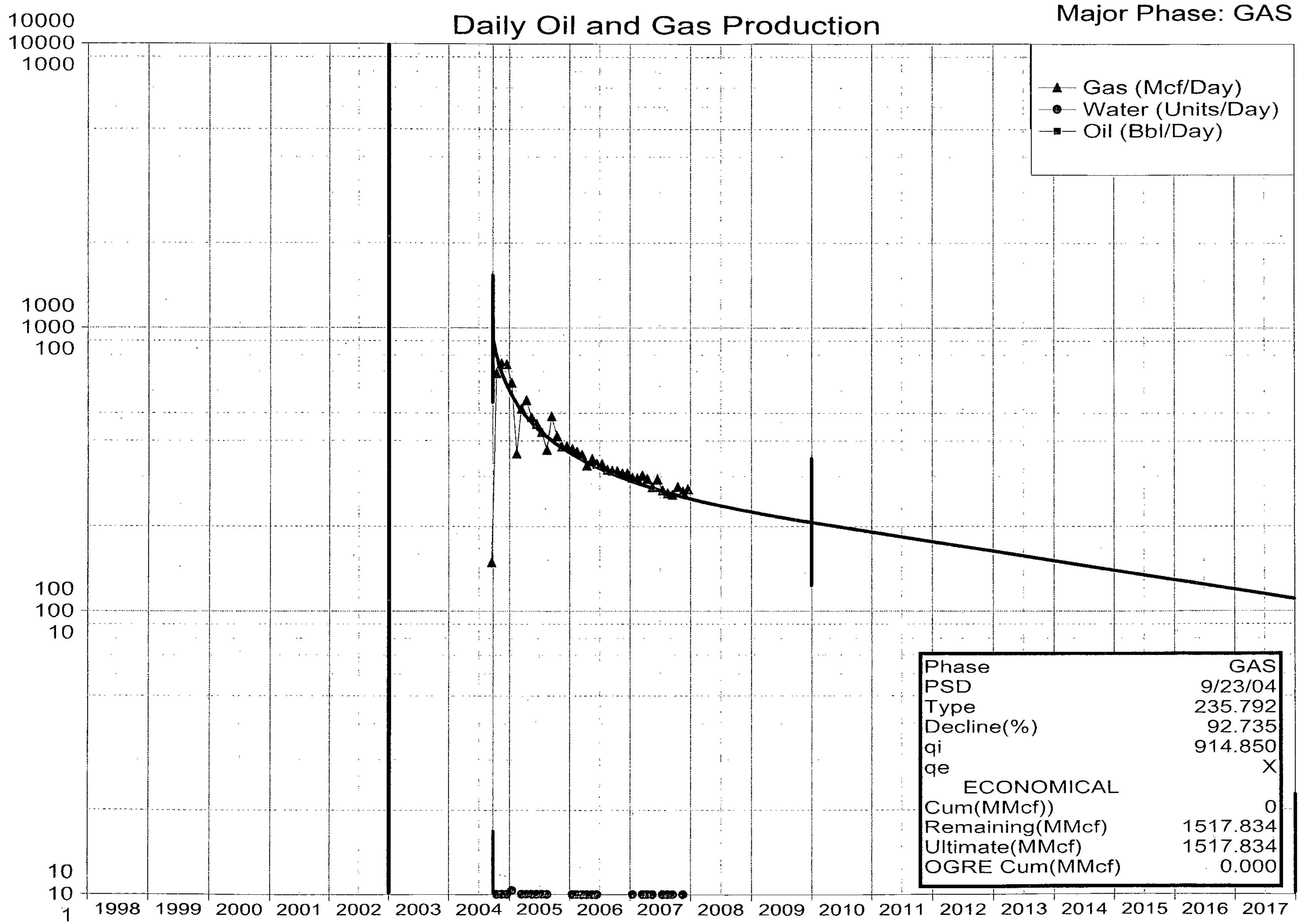
----PRESENT WORTH PROFILE-----

DISC RATE	PW OF NET BTAX, M$	PW OF NET ATAX, M$
.0	7098.329	4329.979
2.0	5807.330	3539.056
5.0	4515.290	2746.450
8.0	3667.473	2225.481
10.0	3250.628	1968.982
12.0	2913.793	1761.503
15.0	2514.999	1515.563
18.0	2205.903	1324.694
20.0	2035.777	1219.540
25.0	1698.846	1011.051
30.0	1448.897	856.191
35.0	1256.041	736.604
40.0	1102.712	641.474
45.0	977.907	564.022
50.0	874.384	499.778
60.0	712.744	399.506
70.0	592.594	325.052
80.0	500.031	267.786
90.0	426.756	222.543
100.0	367.483	186.028

Property 25035
COMM RU 147B DK
31 N - 5 W SEC 17 NESE



Property 25035
COMM RU 147B DK
31 N - 5 W SEC 17 NESE



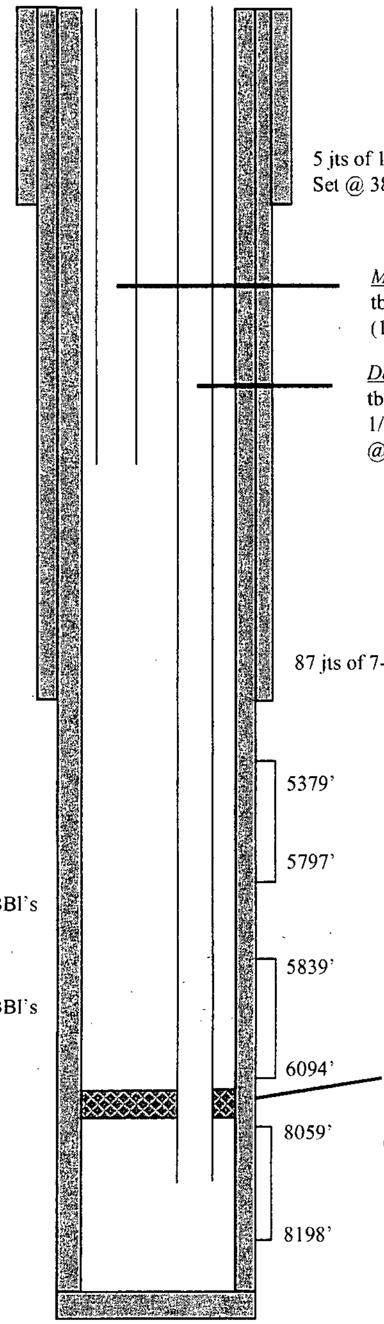
ROSA UNIT #147B
BLANCO MV/BASIN DK

Location: 1511' FNL, 2268' FEL
SW/4 NE/4 Section 33(G), T31N, R5W
Rio Arriba Co., NM

Elevation: 6513' GR
API #: 30-039-26960

Spud Date 06-04-04
Completed 08-31-04
1st Delivered 09-23-04

Tops	*Depth*
Pictured Cliffs	3443'
Lewis	3719'
Cliff House	5626'
Point Lookout	5861'
Gallup	7156'
Dakota	8056'



5 jts of 10 3/4", 40.5#, J-55, ST&C csg. Set @ 389'

Mesaverde Tubing: 6' perf sub, 1 jt 2-1/16" J-55 IJ 10rd tbg, SN @ 6030', & 187 jts 2-1/16". Landed @ 6068' (188 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" J-55 IJ 10rd tbg, SN, 57 jts 2-1/16" tbg, seal bore assembly, 192 jts 2-1/16" tbg, 12', 8', & 4' pup jts, & 1 jt 2-1/16" tbg. Landed @ 8072'. (250 jts total)

87 jts of 7-5/8", 26.4#, LT&C csg. Set @ 3935'

Arrow model "B" packer @ 6200'

180 jts of 5-1/2", 17#, LT&C csg. Set @ 6828'

CliffHouse/Menefee 5379' - 5797' (40, 0.33" holes)
9,800# of 14/30 LiteProp and 40,000# of 20/40 in 2338 BBl's slick water.

Point Lookout 5839' - 6094' (43, 0.33" holes)
9,800# of 14/30 LiteProp and 40,000# of 20/40 in 2674 BBl's slick water.

Dakota 8059' - 8198' (42, 0.29" holes)
69,000# of 20/40 EconoProp carried in a 60Q XL foam

TD @ 8271'
PBTD @ 8191'

HOLE SIZE	*CASING*	*CEMENT*	*CMT TOP*
14 3/4"	10 3/4"	340 sx	surface
9 7/8"	7 5/8"	1025 sx	surface
6 3/4"	5 1/2"	200 sx	5916'

RML 03/13/08

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

2004 SEP 30 PM 12 02

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND LEASE NO. SF-078773

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

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

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

2. NAME OF OPERATOR: WILLIAMS PRODUCTION COMPANY

8. FARM OR LEASE NAME, WELL NO.: ROSA UNIT #147B

3. ADDRESS AND TELEPHONE NO.: P.O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

9. API WELL NO.: 30-039-26960

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 940' FNL & 2255' FEL
At top production interval reported below :
At total depth: 1511' FNL & 2268' FEL

10. FIELD AND POOL, OR WILDCA BASIN DAKOTA

11. SEC., T.,R.,M., OR BLOCK AND SURVEY OR AREA: SW/4 NE/4 SEC 33-31N-

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR: RIO ARRIBA | 13. STATE: NEW ME

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPLETED (READY TO PRODUCE)	18. ELEVATIONS (DK, RKB, RT,GR,ETC.)*	19. ELEVATION CASINGHEAD
06/04/2004	07/06/2004	08/31/2004	6513' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTCOMP., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8271' MD	8191' MD			x	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN DAKOTA 8059' – 8198'

25. WAS DIRECTIONAL SURVEY MADE: YES

26. TYPE ELECTRIC AND OTHER LOGS RUN: TMDL, GR, CCL & CBL

27. WAS WELL CORED: NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLE
10 ¾", J-55	40.5#	389'	14 ¾"	340 SX - SURFACE	
7 ⅝", J-55	26.4#	3935'	9 ⅞"	1025 SX – SURFACE	
5 ½", N-80	17#	~~6828'~~ 48	6 ¾"	200 SX – 5916'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
3 ½", 9.3#, J-55	6710'	8271'	435 SX	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (M
2-1/16", J-55, 3.3#	8072'	6200'

31. PERFORATION RECORD (Interval, size, and number)

Upper DK: 8059', 65', 73', 8108', 11', 20' & 24'. Total of 21, 0.29" holes

Lower DK: 8165', 69', 75', 86', 90', 94' & 98'. Total of 21, 0.36" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8059' – 8198'	Fraced w/ 69,000# 20/40 Econoprop sand carried in a 60Q XI foam. Total FW = 610 bbls

33. PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)
	Flowing	GSI

DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS – MCF	WATER - BBL.	GAS-OIL RATIC
09/23/04		½"	3 hrs.		390		

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL – BBL.	GAS – MCF	WATER - BBL.	OIL GRAVITY-API (C
235	920					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES

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

SIGNED Tracy Ross TITLE Sr. Production Analyst DATE September 29, 2004

OCT 0 5 2004

FARMINGTON FIELD OFFICE
BY SO

NMOCD

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-1
Revised June 10, 20

Submit to Appropriate District Off
5 Cop

☐ AMENDED REPO

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address WILLIAMS PRODUCTION COMPANY P O BOX 3102, MS 25-2 TULSA OK 74101		2 OGRID Number 120782 3 Reason for Filing Code/ Effective Date NW
4 API Number 30 – 039-26960	5 Pool Name BASIN DAKOTA	6 Pool Code 71599
7 Property Code 17033	8 Property Name ROSA UNIT	9 Well Number 147B

II. 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
B	33	31N	5W		940'	North	2255'	East	Rio Arriba

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	33	31N	5W		1511'	North	2268'	East	Rio Arriba

12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
009018	GIANT REFINING P O BOX 12999 SCOTTSDALE AZ 85267		O	
025244	WILLIAMS FIELD SERVICES P O BOX 645 TULSA OK 74102		G	

```
OGRE(R) V2.2  BATAX                                   D A T A   R E P O R T                       DATE: 03/12/08
FILE NAME: wpcp     (24984)                           - - - -   - - - - - -                       TIME: 15:09:32
CASE NAME: COMM RU 160B DK                  -160B       -90TH-RLG-             -
101 ROSA UNIT # 160B DK
102 DK T31N-R6W SEC. 25
103 DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BASIN
104 RIO ARRIBA COUNTY ,NM

117 CASE NONE
120 01 2002 12 01 01 2003 8 2
130 INVEST -DB200 7 0 0 0 0
131 DRLG -DB200 7 0 0 0 0
132 COMP -DB200 7 0 0 0 0
133 GATHPL -DB200 7 0 0 0 0
134 PLATFAC ACRS 7 0 0 0 0
135 NETLND -DB200 7 0 0 0 0
136 WTRCAP -DB200 0 0 0 0 0
137 GRSOTH -DB200 7 0 0 0 0
138 NETACQ -DB200 7 0 0 0 0
139 NTSALE -DB200 7 0 0 0 0
140 INFRAC -DB200 7 0 0 0 0
162 SET RPTFRM = 2

       W.I.        OP. COST    OP. COST    ADV. TAX    MAJOR      PROD DATE
       FRACTION    ($/W/MO)    ($/MO.)     (PCT)       PH. NAME   (MO/DY/YR)
       --------    --------    --------    --------    --------   ----------
210    1.00000000       .00     1210.00       1.000    GAS        11/01/2003

       PHASE       CUM PROD    REV. INT    PRICE       SEV. TAX   NO. OF      RATIO TO
       NAME        (MUNITS)    FRACTION    ($/UNIT)    (PCT)      WELLS       MAJOR PH
       --------    --------    --------    --------    --------   --------    --------
222    GAS             .000    .87500000      7.560       9.000        1.0
224    WATER           .000    .87500000       .000        .000         .0

       PH. NAME    CURVE TP    DECLINE%    QI  RATE    QT  RATE       CUM. LIMIT          (M OR Y)        CALC VALUE
       --------    --------    --------    --------    --------   --------------------    --------   --------------------
410    GAS          181.248      95.708     366.604           X       5.000   %              D
CALC   GAS          181.248END=   5.000     366.604      37.817      12.414   YRS            D          278.902    MMCF
411    GAS         EXP         LAST        LAST               X      35.000   IYRS           D
CALC   GAS         EXP      END=  5.000      37.817       6.281      47.414   YRS            D          503.311    MMCF
420    WATER       EXP            5.000       3.932           X      29.685   YRS            D
CALC   WATER       EXP      END=  5.000       3.932        .858      31.518   YRS            D           21.876    M-UNITS

600 SERIES LINES:
----------------
602 DATA BTU : 0.98088 TO LIFE
605 DATA WATERC : 2.40 TO LIFE
630 ! EST. GATHERING PER  WFS U99 CONTRACT
630 DATA ESC1 : 0.4574 TO LIFE
632 ! SETS VARIABLE 2 EQUAL TO 1
632 DATA ESC2 : 1 TO LIFE
633 ! SETS VARIABLE 2 EQUAL TO WI
633 COMPUTE ESC2 = ESC2 * WI
634 ! SETS VARIABLE 3 EQUAL TO 1
634 DATA ESC3 : 1 TO LIFE
635 ! SETS VARIABLE 3 EQUAL TO NIG
635 COMPUTE ESC3 = ESC3 * NIG
636 ! WEIGHTING FACTOR BETWEEN WI AND NIG
636 COMPUTE ESC2 = ESC2 / ESC3
637 ! MULTIPLIES GATHERING * WEIGHTING FACTOR
637 COMPUTE ESC2 = ESC2 * ESC1
638 ! DEDUCTS BURDENED GATHERING FROM PRICE
638 COMPUTE GASP = GASP - ESC2
640 ! EST. FLU PER  WFS U99 CONTRACT
640 DATA ESC1 : 0.06049 TO LIFE
641 ! CASE 100242 RIFUELBR - RI FUELL BURDEN ALGORITHM
642 ! SETS VARIABLE 2 EQUAL TO 1
642 DATA ESC2 : 1 TO LIFE
643 ! SETS VARIABLE 2 EQUAL TO WI
643 COMPUTE ESC2 = ESC2 * WI
644 ! SETS VARIABLE 3 EQUAL TO 1
644 DATA ESC3 : 1 TO LIFE
645 ! SETS VARIABLE 3 EQUAL TO NIG
645 COMPUTE ESC3 = ESC3 * NIG
646 ! WEIGHTING FACTOR BETWEEN WI AND NIG
646 COMPUTE ESC2 = ESC2 / ESC3
647 ! MULTIPLIES FL&U * WEIGHTING FACTOR
647 COMPUTE ESC1 = ESC2 * ESC1
648 ! MAKES BURDENED FLU A NEGATIVE
648 COMPUTE ESC1 = ESC1 * -1
649 ! CREATES FLU& SHRINK FACTOR
649 COMPUTE ESC1 = ESC1 + 1
650 ! ADJUSTS GASP FOR BURDENED FLU & SHRINK
650 COMPUTE GASP = GASP * ESC1
660 DATA GASP : 5.62 UNTIL 12 2004 : 8.27 UNTIL 12 2005 : 6.38 UNTIL 12 2006 : 7.03 UNTIL 12 2007 : 7.03 TO LIFE
698 SET IDCAMORT = IND
699 SET FEDTAX = 39

       INV NAME        INV. POINT          (G OR N)     TANG-M$    INTANG-M$   LSEHLD-M$   RISK FRAC   OVHD FLAG
       --------    --------------------    --------     -------    ---------   ---------   ---------   ---------
802    DRLG        2003.750    AD             G          26.923      322.742        .000
803    COMP        2003.750    AD             G         114.223      270.903        .000

ECONOMIC LIFE  (YRS):         43.000
GROSS GAS     (MMCF):        494.756
GROSS WATER     (MU):         21.876
```

ROSA UNIT # 160B DK
DK T31N-R6W SEC. 25
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/12/08
TIME: 15:09:32
FILE: wpcp
PROP: 24984
STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

R E S E R V E S   A N D   E C O N O M I C S

AS OF JANUARY 1, 2003

-END-	GROSS PRODUCTION		NET PRODUCTION		PRICES			OPERATIONS, M$			
MO-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL $/B	GAS $/M	NO. OF WELLS	OIL REVENUE	GAS REVENUE	OTHER REVENUE	TOTAL REVENUE
12-03	.000	18.274	.000	15.990	.00	5.51	1.0	.000	88.146	.000	88.146
12-04	.000	59.701	.000	52.238	.00	5.51	1.0	.000	287.964	.000	287.964
12-05	.000	36.942	.000	32.324	.00	8.11	1.0	.000	262.208	.000	262.208
12-06	.000	28.897	.000	25.285	.00	6.26	1.0	.000	158.234	.000	158.234
12-07	.000	24.419	.000	21.367	.00	6.90	1.0	.000	147.338	.000	147.338
12-08	.000	21.474	.000	18.790	.00	6.90	1.0	.000	129.568	.000	129.568
12-09	.000	19.351	.000	16.932	.00	6.90	1.0	.000	116.756	.000	116.756
12-10	.000	17.730	.000	15.514	.00	6.90	1.0	.000	106.978	.000	106.978
12-11	.000	16.442	.000	14.387	.00	6.90	1.0	.000	99.207	.000	99.207
12-12	.000	15.387	.000	13.464	.00	6.90	1.0	.000	92.842	.000	92.842
12-13	.000	14.502	.000	12.689	.00	6.90	1.0	.000	87.498	.000	87.498
12-14	.000	13.745	.000	12.027	.00	6.90	1.0	.000	82.933	.000	82.933
12-15	.000	13.057	.000	11.425	.00	6.90	1.0	.000	78.782	.000	78.782
12-16	.000	12.404	.000	10.854	.00	6.90	1.0	.000	74.845	.000	74.845
12-17	.000	11.784	.000	10.311	.00	6.90	1.0	.000	71.100	.000	71.100
12-18	.000	11.195	.000	9.796	.00	6.90	1.0	.000	67.549	.000	67.549
12-19	.000	10.635	.000	9.306	.00	6.90	1.0	.000	64.170	.000	64.170
12-20	.000	10.103	.000	8.840	.00	6.90	1.0	.000	60.957	.000	60.957
12-21	.000	9.598	.000	8.398	.00	6.90	1.0	.000	57.909	.000	57.909
12-22	.000	9.118	.000	7.978	.00	6.90	1.0	.000	55.013	.000	55.013
12-23	.000	8.663	.000	7.580	.00	6.90	1.0	.000	52.269	.000	52.269
12-24	.000	8.229	.000	7.200	.00	6.90	1.0	.000	49.648	.000	49.648
12-25	.000	7.818	.000	6.841	.00	6.90	1.0	.000	47.173	.000	47.173
12-26	.000	7.426	.000	6.498	.00	6.90	1.0	.000	44.808	.000	44.808
12-27	.000	7.056	.000	6.174	.00	6.90	1.0	.000	42.573	.000	42.573
S TOT	.000	413.950	.000	362.208	.00	6.70	1.0	.000	2426.468	.000	2426.468
REM.	.000	80.806	.000	70.705	.00	6.90	1.0	.000	487.552	.000	487.552
TOTAL	.000	494.756	.000	432.913	.00	6.73	1.0	.000	2914.020	.000	2914.020

-END-	OPERATIONS, M$				CAPITAL COSTS, M$					8.00 PCT
MO-YR	SEVERANCE TAXES	AD VAL TAXES	NET OPER EXPENSES	OPERATIONS CASH FLOW	TANGIBLE COSTS	INTANG. COSTS	LSEHOLD COSTS	SALVAGE VALUE	CASH FLOW BTAX, M$	CUM. DISC BTAX, M$
12-03	7.933	.802	2.991	76.420	141.146	593.645	.000	.000	-658.371	-622.364
12-04	25.917	2.620	17.849	241.578	.000	.000	.000	.000	241.578	-407.125
12-05	23.599	2.386	17.683	218.540	.000	.000	.000	.000	218.540	-226.835
12-06	14.241	1.440	17.525	125.028	.000	.000	.000	.000	125.028	-131.330
12-07	13.260	1.341	17.374	115.363	.000	.000	.000	.000	115.363	-49.736
12-08	11.661	1.179	17.232	99.496	.000	.000	.000	.000	99.496	15.423
12-09	10.508	1.062	17.095	88.091	.000	.000	.000	.000	88.091	68.840
12-10	9.628	.974	16.968	79.408	.000	.000	.000	.000	79.408	113.425
12-11	8.929	.903	16.843	72.532	.000	.000	.000	.000	72.532	151.132
12-12	8.356	.845	16.730	66.911	.000	.000	.000	.000	66.911	183.341
12-13	7.875	.796	16.618	62.209	.000	.000	.000	.000	62.209	211.068
12-14	7.464	.755	16.512	58.202	.000	.000	.000	.000	58.202	235.088
12-15	7.090	.717	16.414	54.561	.000	.000	.000	.000	54.561	255.937
12-16	6.736	.681	16.320	51.108	.000	.000	.000	.000	51.108	274.020
12-17	6.399	.647	16.229	47.825	.000	.000	.000	.000	47.825	289.688
12-18	6.079	.615	16.142	44.713	.000	.000	.000	.000	44.713	303.251
12-19	5.775	.584	16.063	41.748	.000	.000	.000	.000	41.748	314.977
12-20	5.486	.555	15.986	38.930	.000	.000	.000	.000	38.930	325.101
12-21	5.212	.527	15.910	36.260	.000	.000	.000	.000	36.260	333.832
12-22	4.951	.501	15.842	33.719	.000	.000	.000	.000	33.719	341.350
12-23	4.704	.476	15.778	31.311	.000	.000	.000	.000	31.311	347.814
12-24	4.468	.452	15.713	29.015	.000	.000	.000	.000	29.015	353.360
12-25	4.246	.429	15.655	26.843	.000	.000	.000	.000	26.843	358.111
12-26	4.033	.408	15.595	24.772	.000	.000	.000	.000	24.772	362.171
12-27	3.832	.387	15.545	22.809	.000	.000	.000	.000	22.809	365.632
S TOT	218.382	22.082	398.612	1787.392	141.146	593.645	.000	.000	1052.601	365.632
REM.	43.880	4.438	266.151	173.083	.000	.000	.000	.000	173.083	382.710
TOTAL	262.262	26.520	664.763	1960.475	141.146	593.645	.000	.000	1225.684	382.710

ROSA UNIT # 160B DK
DK T31N-R6W SEC. 25
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/12/08
TIME: 15:09:32
FILE: wpcp
PROP: 24984
STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

A F T E R   T A X   E C O N O M I C S

AS OF JANUARY 1, 2003

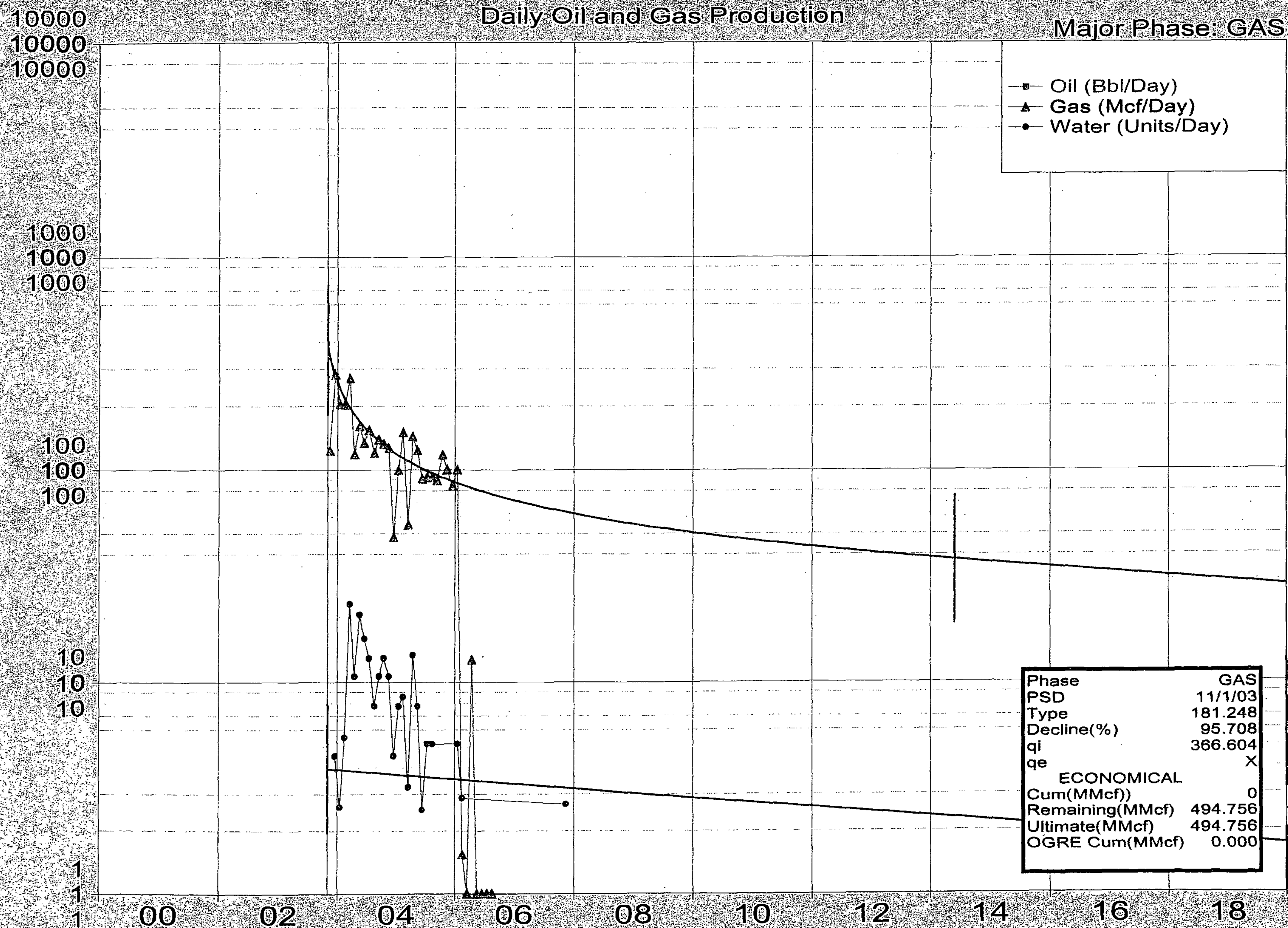
-END- MO-YR	OPER CASH FLOW, M$	DEPR. EXP., M$	DEPL. EXP., M$	INTANG. EXP., M$	INTEREST EXP., M$	TAXABLE INCOME M$	TAX CREDIT M$	TAXES PAYABLE M$	CASH FLOW ATAX, M$	8.00 PCT CUM. DISC ATAX, M$
12-03	76.420	10.082	.000	593.645	.000	-527.307	.000	-205.650	-452.721	-430.723
12-04	241.578	37.447	.000	.000	.000	204.131	.000	79.611	161.967	-286.415
12-05	218.540	26.748	.000	.000	.000	191.792	.000	74.799	143.741	-167.832
12-06	125.028	19.105	.000	.000	.000	105.923	.000	41.310	83.718	-103.883
12-07	115.363	13.647	.000	.000	.000	101.716	.000	39.669	75.694	-50.346
12-08	99.496	12.406	.000	.000	.000	87.090	.000	33.965	65.531	-7.430
12-09	88.091	12.406	.000	.000	.000	75.685	.000	29.517	58.574	28.088
12-10	79.408	9.305	.000	.000	.000	70.103	.000	27.340	52.068	57.322
12-11	72.532	.000	.000	.000	.000	72.532	.000	28.287	44.245	80.324
12-12	66.911	.000	.000	.000	.000	66.911	.000	26.095	40.816	99.971
12-13	62.209	.000	.000	.000	.000	62.209	.000	24.262	37.947	116.884
12-14	58.202	.000	.000	.000	.000	58.202	.000	22.699	35.503	131.536
12-15	54.561	.000	.000	.000	.000	54.561	.000	21.279	33.282	144.254
12-16	51.108	.000	.000	.000	.000	51.108	.000	19.932	31.176	155.285
12-17	47.825	.000	.000	.000	.000	47.825	.000	18.652	29.173	164.842
12-18	44.713	.000	.000	.000	.000	44.713	.000	17.438	27.275	173.116
12-19	41.748	.000	.000	.000	.000	41.748	.000	16.282	25.466	180.269
12-20	38.930	.000	.000	.000	.000	38.930	.000	15.183	23.747	186.445
12-21	36.260	.000	.000	.000	.000	36.260	.000	14.141	22.119	191.771
12-22	33.719	.000	.000	.000	.000	33.719	.000	13.150	20.569	196.357
12-23	31.311	.000	.000	.000	.000	31.311	.000	12.211	19.100	200.300
12-24	29.015	.000	.000	.000	.000	29.015	.000	11.316	17.699	203.683
12-25	26.843	.000	.000	.000	.000	26.843	.000	10.469	16.374	206.581
12-26	24.772	.000	.000	.000	.000	24.772	.000	9.661	15.111	209.057
12-27	22.809	.000	.000	.000	.000	22.809	.000	8.896	13.913	211.168
S TOT	1787.392	141.146	.000	593.645	.000	1052.601	.000	410.514	642.087	211.168
REM.	173.083	.000	.000	.000	.000	173.083	.000	67.502	105.581	221.584
TOTAL	1960.475	141.146	.000	593.645	.000	1225.684	.000	478.016	747.668	221.584

BTAX RATE OF RETURN (PCT)	21.09	ATAX RATE OF RETURN (PCT)	18.87
BTAX PAYOUT	08/19/2007	ATAX PAYOUT	10/31/2007
BTAX PAYOUT (DISC)	10/05/2008	ATAX PAYOUT (DISC)	03/16/2009
BTAX NET INCOME/INVEST	2.67	ATAX NET INCOME/INVEST	2.02
BTAX NET INCOME/INVEST (DISC)	1.55	ATAX NET INCOME/INVEST (DISC)	1.32
PRODUCTION START DATE	11/01/03	PROJECT LIFE (YEARS)	43.00
MONTHS IN FIRST LINE	12.00	DISCOUNT RATE (PCT)	8.00
GROSS WELLS	1.00	PRIOR DEPL. BASIS (M$)	.000
		PRIOR DEPR. BASIS (M$)	.000
MAX. OIL PRICE ($/B)	.00	MAX. GAS PRICE ($/M)	8.11
GROSS OIL WELLS	.00	GROSS GAS WELLS	1.00
CUMULATIVE OIL (MBBL)	.000	CUMULATIVE GAS (MMCF)	.000
REMAINING OIL (MBBL)	.000	REMAINING GAS (MMCF)	494.756
ULTIMATE OIL (MBBL)	.000	ULTIMATE GAS (MMCF)	494.756
INITIAL W.I. FRACTION	1.00000000	FINAL W.I. FRACTION	1.00000000
INITIAL NET OIL FRACTION	.00000000	FINAL NET OIL FRACTION	.00000000
INITIAL NET GAS FRACTION	.87500000	FINAL NET GAS FRACTION	.87500000

----PRESENT WORTH PROFILE-----

DISC RATE	PW OF NET BTAX, M$	PW OF NET ATAX, M$
.0	1225.684	747.668
2.0	901.825	546.633
5.0	584.952	348.808
8.0	382.710	221.584
10.0	285.534	160.060
12.0	208.388	110.971
15.0	118.991	53.749
18.0	51.511	10.250
20.0	15.197	-13.278
25.0	-54.489	-58.732
30.0	-103.683	-91.099
35.0	-139.632	-114.938
40.0	-166.551	-132.913
45.0	-187.068	-146.698
50.0	-202.887	-157.385
60.0	-224.759	-172.285
70.0	-238.047	-181.438
80.0	-245.934	-186.935
90.0	-250.286	-190.015
100.0	-252.252	-191.459

Property 24984
ROSA UNIT # 160B DK
31N 6W SEC 25 SE SE



TR

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

5. LEASE DESIGNATION AND LEASE NO.
SF-078766

6. IF INDIAN,ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

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

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

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

8.FARM OR LEASE NAME, WELL NO.
ROSA UNIT #160B

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

9. API WELL NO.
30-039-26962

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1425' FSL & 50' FWL
At top production interval reported below :
At total depth:

10. FIELD AND POOL, OR WILDCAT
BASIN DK

11. SEC., T.,R.,M., OR BLOCK AND SURVEY OR AREA
NW/4 SW/4 SEC 25-31N-6W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR	13. STATE
		RIO ARRIBA	NEW MEXICO

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPLETED (READY TO PRODUCE)	18. ELEVATIONS (DK, RKB, RT,GR,ETC.)*	19. ELEVATION CASINGHEAD
07/11/2003	07/21/2003	09/26/2003	6410' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTCOMP., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8028' MD	8000' MD	2		X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN DK 7856' – 7954'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

27. WAS WELL CORED
NO

28.CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE.	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4" J-55	40.5#	256'	14-3/4"	240 SX - SURFACE	
7-5/8" K-55	26.4#	3695'	9-7/8"	650 SX – 555'	

29.LINER RECORD / 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	0'	8025'	280 SX		2-1-16"	7945'	6038'

31. PERFORATION RECORD (Interval, size, and number)

Dakota: 7856', 58', 60', 62', 64', 66', 70', 75', 7902', 04', 06', 08', 10', 14', 19', 24', 29', 39', 43', 50' and 54'. Total of 21 (0.33") holes

32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7856' – 7954'	4500# 100 Mesh & 93,660# 20/40 SB Resin coated sand carried in a Spectra Frac 3000 60Q N2 Foam in 720 bbls FW

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
10/06/03	3 hr	3/4"	3 hrs		143		

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL – BBL.	GAS – MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
80	945			1,144		

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 October 27, 2003

ACCEPTED FOR RECORD

FEB 2 6 2004

FARMINGTON FIELD OFFICE
BY

OPERATOR

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 17, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
WILLAIMS PRODUCTION COMPANY P O BOX 3102, MS 37-2 TULSA, OK 74101	120782
	[3] Reason for Filing Code
	NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 039-26962	BASIN DK	71599
[7] Property Code	[8] Property Name	[9] Well Number
17033	ROSA UNIT	160B

II. [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
L	25	31N	6W		1425'	SOUTH	50'	WEST	RIO ARRIBA

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F					

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] POD	[21] O/G	[22] POD ULSTR Location and Description
009018 [redacted]	GIANT REFINING P O BOX 12999 SCOTTSDALE, AZ 85267	2836426 [redacted]	O	
025244 [redacted]	WILLIAMS FIELD SERVICES ATTN: VAN JOHNSON P O BOX 645 TULSA, OKLA 74102	2836427 [redacted]	G	

IV. Produced Water

[23] POD	[24] POD ULSTR Location and Description
2836428	

V. Well Completion Data

[25] Spud Date	[26] Ready Date	[27] TD	[28] PBTD	[29] Perforations	[30] DHC, DC,MC
07/11/03	09/26/03	8028'	8000'	7856' – 7954'	

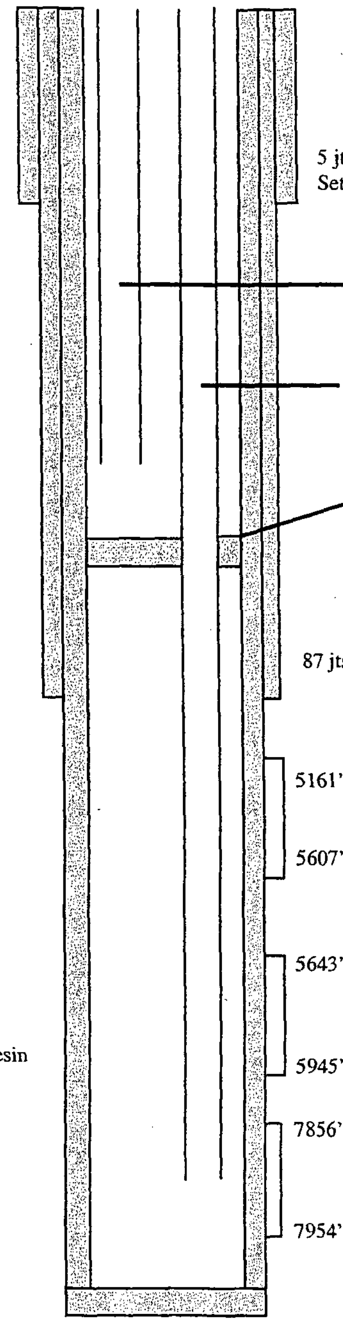
ROSA UNIT #160B
BLANCO MV/BASIN DK

Location: 1425' FSL, 50' FWL
NW/4 SW/4 Section 25(L), T31N, R6W
Rio Arriba Co., NM

Elevation: 6410' GR
API #: 30-039-26962

Spud Date 07-11-03
Completed 09-26-03
1st Delivered 11-21-03

Tops	*Depth*
Kirtland	2590'
Pictured Cliffs	3222'
Cliff House	5068'
Point Lookout	5635'
Mancos	5987'
Dakota	7855'



5 jts of 10 3/4", 40.5#, K-55, ST&C csg. Set @ 256'

Mesaverde Tubing: 5' perf sub, 1 jt 2-1/16" tbg, 1.5" SN, & 183 jts 2-1/16". Landed @ 5932' (184 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" tbg, 1.5" SN, 58 jts 2-1/16" tbg, seal bore assembly w/ 5 seals, 186 jts 2-1/16" tbg, 10' pup jt & 1 jt 2-1/16" tbg. Landed @ 7945'. (246 jts total)

Arrow model "B" packer @ 6038'

87 jts of 7-5/8", 26.4#, LT&C csg. Set @ 3695'. Insert baffle @ 3657'

180 jts of 5-1/2", 17#, LT&C csg. Set @ 8025'. Float collar @ 8000'. Marker jts @ 7601' & 5116'

<u>CliffHouse/Menefee</u> 5161' - 5607' (31, 0.33" holes)
80,000# of 20/40 sand in 1892 BBl's slick water.

<u>Point Lookout</u> 5643' - 5945' (35, 0.33" holes)
80,600# of 20/40 sand in 1860 BBl's slick water.

<u>Dakota</u> 7856' - 7954' (21, 0.33" holes)
4500# 100 Mesh ahead & 93,660# of 20/40 SB Excel Resin carried in a Spectra Frac 3000 60Q N2 foam

TD @ 8028'
PBTD @ 8000'

HOLE SIZE	*CASING*	*CEMENT*	*CU. FT.*	*CMT TOP*
14 3/4"	10 3/4"	240 sx	338 cu.ft.	surface
9 7/8"	7 5/8"	650 sx	1286 cu.ft.	555'
6 3/4"	5 1/2"	280 sx	588 cu.ft.	2148'

TR 02-26-2004

OGRE(R) V2.2 BATAX DATA REPORT DATE: 03/27/08
FILE NAME: (24417) TIME: 10:09:00
CASE NAME: COMM RU 153B DK -153B -9OTH-RLG-
101 ROSA UNIT # 153B DK
102 DK T31N-R6W SEC. 17
103 DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BASIN
104 RIO ARRIBA COUNTY ,NM

117 CASE NONE
120 01 2003 12 01 01 2003 8 2
130 INVEST -DB200 7 0 0 0 0
131 DRLG -DB200 7 0 0 0 0
132 COMP -DB200 7 0 0 0 0
133 GATHPL -DB200 7 0 0 0 0
134 PLATFAC ACRS 7 0 0 0 0
135 NETLND -DB200 7 0 0 0 0
136 WTRCAP -DB200 0 0 0 0 0
137 GRSOTH -DB200 7 0 0 0 0
138 NETACQ -DB200 7 0 0 0 0
139 NTSALE -DB200 7 0 0 0 0
140 INFRAC -DB200 7 0 0 0 0
162 SET RPTFRM = 2

	W.I. FRACTION	OP. COST ($/W/MO)	OP. COST ($/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	1.00000000	.00	1910.00	1.000	GAS	1/12/2005

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE ($/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
222	GAS	55.789	.87500000	7.560	9.000	1.0	
224	WATER	2.438	.87500000	.000	.000	.0	

	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT		(M OR Y)	CALC VALUE	
410	GAS	110.005	65.356	112.993	X	5.000	IYRS	D		
CALC	GAS	110.005END=	14.375	112.993	19.701	7.030	YRS	D	130.044	MMCF
411	GAS	EXP	LAST	LAST	X	35.000	IYRS	D		
CALC	GAS	EXP	END= 14.375	19.701	.086	42.030	YRS	D	176.177	MMCF
420	WATER	EXP	5.000	3.932	X	29.685	YRS	D		
CALC	WATER	EXP	END= 5.000	3.932	.858	31.715	YRS	D	24.314	M-UNITS

600 SERIES LINES:
----
602 DATA BTU : 0.98088 TO LIFE
605 DATA WATERC : 2.40 TO LIFE
630 ! EST. GATHERING PER WFS U99 CONTRACT
630 DATA ESC1 : 0.4574 TO LIFE
632 ! SETS VARIABLE 2 EQUAL TO 1
632 DATA ESC2 : 1 TO LIFE
633 ! SETS VARIABLE 2 EQUAL TO WI
633 COMPUTE ESC2 = ESC2 * WI
634 ! SETS VARIABLE 3 EQUAL TO 1
634 DATA ESC3 : 1 TO LIFE
635 ! SETS VARIABLE 3 EQUAL TO NIG
635 COMPUTE ESC3 = ESC3 * NIG
636 ! WEIGHTING FACTOR BETWEEN WI AND NIG
636 COMPUTE ESC2 = ESC2 / ESC3
637 ! MULTIPLIES GATHERING * WEIGHTING FACTOR
637 COMPUTE ESC2 = ESC2 * ESC1
638 ! DEDUCTS BURDENED GATHERING FROM PRICE
638 COMPUTE GASP = GASP - ESC2
640 ! EST. FLU PER WFS U99 CONTRACT
640 DATA ESC1 : 0.06049 TO LIFE
641 ! CASE 100242 RIFUELBR - RI FUELL BURDEN ALGORITHM
642 ! SETS VARIABLE 2 EQUAL TO 1
642 DATA ESC2 : 1 TO LIFE
643 ! SETS VARIABLE 2 EQUAL TO WI
643 COMPUTE ESC2 = ESC2 * WI
644 ! SETS VARIABLE 3 EQUAL TO 1
644 DATA ESC3 : 1 TO LIFE
645 ! SETS VARIABLE 3 EQUAL TO NIG
645 COMPUTE ESC3 = ESC3 * NIG
646 ! WEIGHTING FACTOR BETWEEN WI AND NIG
646 COMPUTE ESC2 = ESC2 / ESC3
647 ! MULTIPLIES FL&U * WEIGHTING FACTOR
647 COMPUTE ESC1 = ESC2 * ESC1
648 ! MAKES BURDENED FLU A NEGATIVE
648 COMPUTE ESC1 = ESC1 * -1
649 ! CREATES FLU& SHRINK FACTOR
649 COMPUTE ESC1 = ESC1 + 1
650 ! ADJUSTS GASP FOR BURDENED FLU & SHRINK
650 COMPUTE GASP = GASP * ESC1
660 DATA GASP : 8.27 UNTIL 12 2005 : 6.38 UNTIL 12 2006 : 7.03 UNTIL 12 2007 : 7.03 TO LIFE
698 SET IDCAMORT = IND
699 SET FEDTAX = 39

	INV NAME	INV. POINT		(G OR N)	TANG-M$	INTANG-M$	LSEHLD-M$	RISK FRAC	OVHD FLAG
802	DRLG	2004.800	AD	G	55.917	179.148	.000		
803	COMP	2004.800	AD	G	83.200	179.480	.000		

ECONOMIC LIFE (YRS): 9.000
GROSS GAS (MMCF): 91.366
GROSS WATER (MU): 9.389

ROSA UNIT # 153B DK
DK T31N-R6W SEC. 17
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/27/08
TIME: 10:09:00
FILE:
PROP: 24417
STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

RESERVES AND ECONOMICS

AS OF JANUARY 1, 2003

-END-	----GROSS PRODUCTION---		-----NET PRODUCTION----		---PRICES---			---OPERATIONS, M$---			
MO-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL $/B	GAS $/M	NO. OF WELLS	OIL REVENUE	GAS REVENUE	OTHER REVENUE	TOTAL REVENUE
12-04	.000	.000	.000	.000	.00	8.11	.0	.000	.000	.000	.000
12-05	.000	27.700	.000	24.238	.00	8.11	1.0	.000	196.616	.000	196.616
12-06	.000	16.869	.000	14.760	.00	6.26	1.0	.000	92.368	.000	92.368
12-07	.000	12.104	.000	10.591	.00	6.90	1.0	.000	73.031	.000	73.031
12-08	.000	9.506	.000	8.318	.00	6.90	1.0	.000	57.357	.000	57.357
12-09	.000	7.859	.000	6.877	.00	6.90	1.0	.000	47.421	.000	47.421
12-10	.000	6.692	.000	5.856	.00	6.90	1.0	.000	40.381	.000	40.381
12-11	.000	5.730	.000	5.014	.00	6.90	1.0	.000	34.574	.000	34.574
12-12	.000	4.906	.000	4.293	.00	6.90	1.0	.000	29.603	.000	29.603
S TOT	.000	91.366	.000	79.947	.00	7.15	1.0	.000	571.351	.000	571.351
REM.	.000	.000	.000	.000	.00	.00	1.0	.000	.000	.000	.000
TOTAL	.000	91.366	.000	79.947	.00	7.15	1.0	.000	571.351	.000	571.351

-END-	---OPERATIONS, M$---				---CAPITAL COSTS, M$---					8.00 PCT
MO-YR	SEVERANCE TAXES	AD VAL TAXES	NET OPER EXPENSES	OPERATIONS CASH FLOW	TANGIBLE COSTS	INTANG. COSTS	LSEHOLD COSTS	SALVAGE VALUE	CASH FLOW BTAX, M$	CUM. DISC BTAX, M$
12-04	.000	.000	.000	.000	139.117	358.628	.000	.000	-497.745	-433.355
12-05	17.695	1.789	25.488	151.644	.000	.000	.000	.000	151.644	-308.398
12-06	8.313	.841	26.114	57.100	.000	.000	.000	.000	57.100	-264.781
12-07	6.573	.665	25.956	39.837	.000	.000	.000	.000	39.837	-236.605
12-08	5.162	.522	25.802	25.871	.000	.000	.000	.000	25.871	-219.662
12-09	4.268	.432	25.658	17.063	.000	.000	.000	.000	17.063	-209.315
12-10	3.634	.367	25.522	10.858	.000	.000	.000	.000	10.858	-203.219
12-11	3.112	.315	25.392	5.755	.000	.000	.000	.000	5.755	-200.227
12-12	2.664	.269	25.270	1.400	.000	.000	.000	.000	1.400	-199.553
S TOT	51.421	5.200	205.202	309.528	139.117	358.628	.000	.000	-188.217	-199.553
REM.	.000	.000	.000	.000	.000	.000	.000	.000	.000	-199.553
TOTAL	51.421	5.200	205.202	309.528	139.117	358.628	.000	.000	-188.217	-199.553

ROSA UNIT # 153B DK
DK T31N-R6W SEC. 17
DAKOTA RESERVOIR, ROSA UNIT, SAN JUAN BA
RIO ARRIBA COUNTY ,NM

DATE: 03/27/08
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FILE:
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STID: COMMSJB
.CMD: CURRENT:
.OUT: SAMPLE

AFTER TAX ECONOMICS

AS OF JANUARY 1, 2003

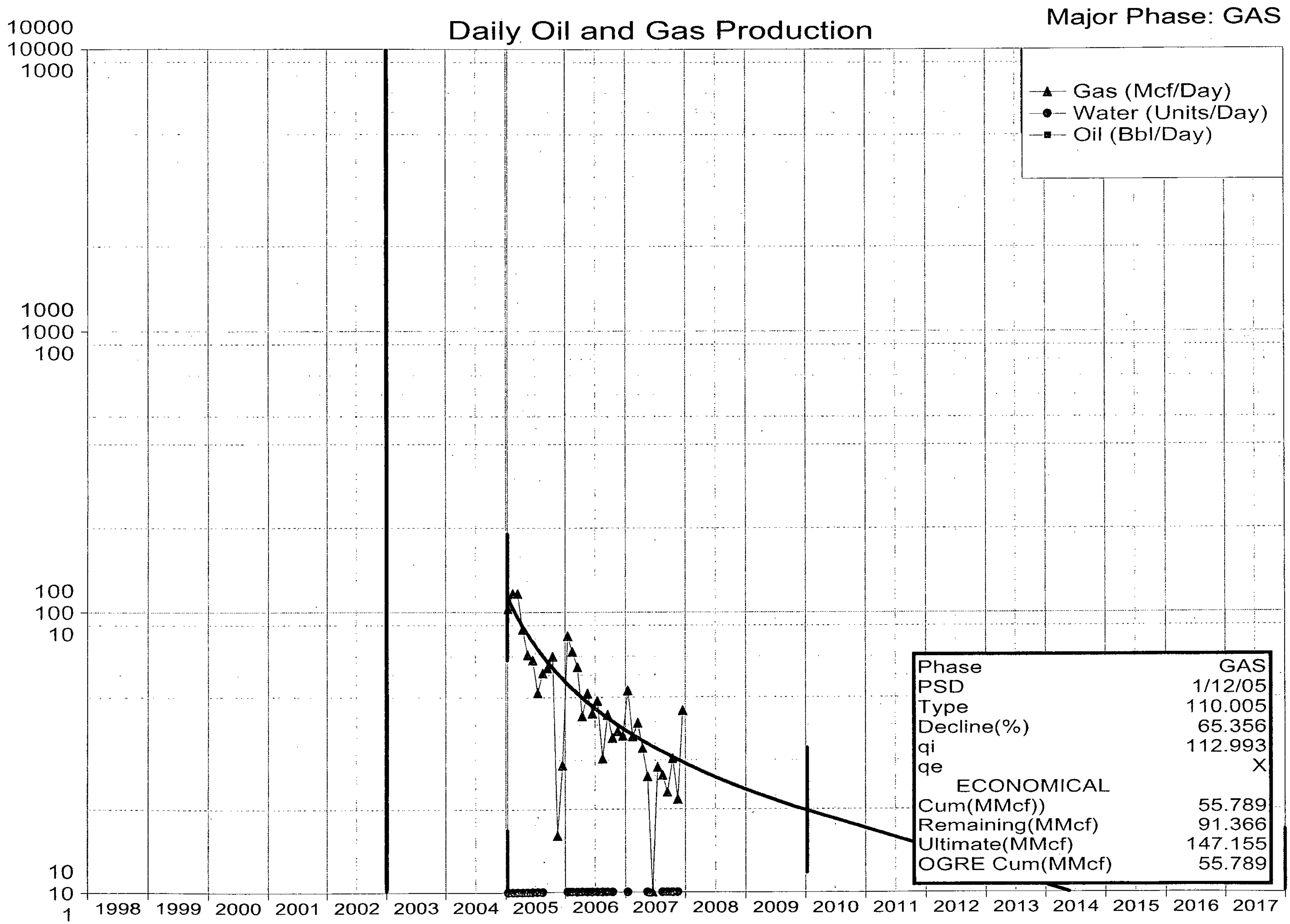
-END- MO-YR	OPER CASH FLOW, M$	DEPR. EXP., M$	DEPL. EXP., M$	INTANG. EXP., M$	INTEREST EXP., M$	TAXABLE INCOME M$	TAX CREDIT M$	TAXES PAYABLE M$	CASH FLOW ATAX, M$	8.00 PCT CUM. DISC ATAX, M$
12-04	.000	7.950	.000	358.628	.000	-366.578	.000	-142.965	-354.780	-305.977
12-05	151.644	37.476	.000	.000	.000	114.168	.000	44.526	107.118	-217.710
12-06	57.100	26.769	.000	.000	.000	30.331	.000	11.829	45.271	-183.129
12-07	39.837	19.120	.000	.000	.000	20.717	.000	8.080	31.757	-160.668
12-08	25.871	13.658	.000	.000	.000	12.213	.000	4.763	21.108	-146.845
12-09	17.063	12.194	.000	.000	.000	4.869	.000	1.899	15.164	-137.650
12-10	10.858	12.195	.000	.000	.000	-1.337	.000	-.521	11.379	-131.261
12-11	5.755	9.755	.000	.000	.000	-4.000	.000	-1.560	7.315	-127.458
12-12	1.400	.000	.000	.000	.000	1.400	.000	.546	.854	-127.047
S TOT	309.528	139.117	.000	358.628	.000	-188.217	.000	-73.403	-114.814	-127.047
REM.	.000	.000	.000	.000	.000	.000	.000	.000	.000	-127.047
TOTAL	309.528	139.117	.000	358.628	.000	-188.217	.000	-73.403	-114.814	-127.047

BTAX RATE OF RETURN (PCT)	.00	ATAX RATE OF RETURN (PCT)	.00
BTAX PAYOUT	LIFE	ATAX PAYOUT	LIFE
BTAX PAYOUT (DISC)	LIFE	ATAX PAYOUT (DISC)	LIFE
BTAX NET INCOME/INVEST	.62	ATAX NET INCOME/INVEST	.77
BTAX NET INCOME/INVEST (DISC)	.54	ATAX NET INCOME/INVEST (DISC)	.71
PRODUCTION START DATE	1/12/05	PROJECT LIFE (YEARS)	9.00
MONTHS IN FIRST LINE	12.00	DISCOUNT RATE (PCT)	8.00
GROSS WELLS	1.00	PRIOR DEPL. BASIS (M$)	.000
		PRIOR DEPR. BASIS (M$)	.000
MAX. OIL PRICE ($/B)	.00	MAX. GAS PRICE ($/M)	8.11
GROSS OIL WELLS	.00	GROSS GAS WELLS	1.00
CUMULATIVE OIL (MBBL)	.000	CUMULATIVE GAS (MMCF)	55.789
REMAINING OIL (MBBL)	.000	REMAINING GAS (MMCF)	91.366
ULTIMATE OIL (MBBL)	.000	ULTIMATE GAS (MMCF)	147.155
INITIAL W.I. FRACTION	1.00000000	FINAL W.I. FRACTION	1.00000000
INITIAL NET OIL FRACTION	.00000000	FINAL NET OIL FRACTION	.00000000
INITIAL NET GAS FRACTION	.87500000	FINAL NET GAS FRACTION	.87500000

----PRESENT WORTH PROFILE-----

DISC RATE	PW OF NET BTAX, M$	PW OF NET ATAX, M$
.0	-188.217	-114.814
2.0	-192.737	-119.368
5.0	-197.223	-124.167
8.0	-199.553	-127.047
10.0	-200.169	-128.136
12.0	-200.182	-128.688
15.0	-199.281	-128.704
18.0	-197.520	-127.960
20.0	-195.978	-127.136
25.0	-191.185	-124.245
30.0	-185.511	-120.553
35.0	-179.353	-116.414
40.0	-172.982	-112.052
45.0	-166.570	-107.624
50.0	-160.237	-103.226
60.0	-148.071	-94.754
70.0	-136.803	-86.908
80.0	-126.513	-79.767
90.0	-117.189	-73.324
100.0	-108.764	-67.533

Property 24417
COMM RU 153B DK
31 N - 5 W SEC 17 NESE



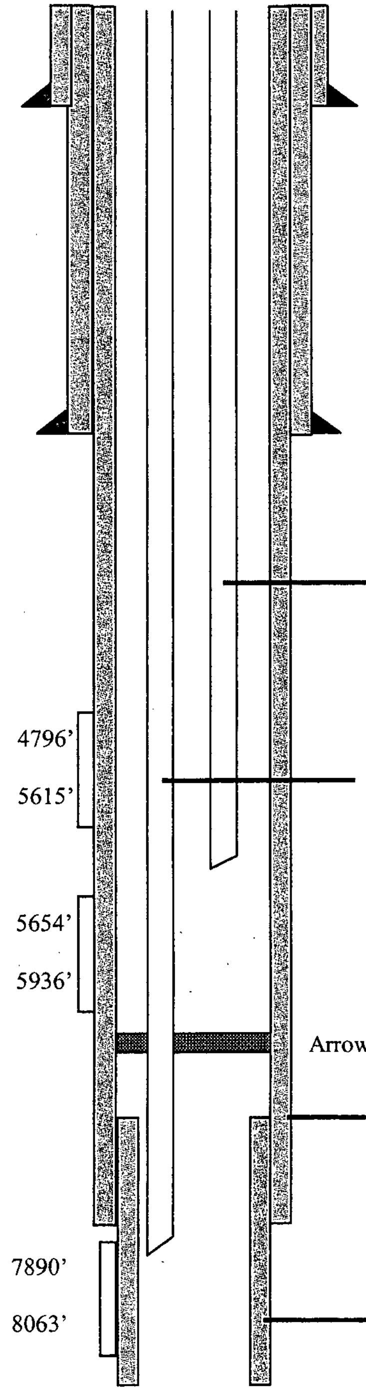
ROSA UNIT #153B
BLANCO MV/BASIN DK

Location: 2620' FSL & 545' FEL
NE/4 SE/4 Sec 17(I) T31N R5W
Rio Arriba Co., NM

Elevation: 6323' GR
API # 30-039-27603

Spud Date: 10-21-04
Completed Date: 12-20-04
1st Delivery: 01-20-05

Tops	**Depth**
Kirtland	2637'
Pictured Cliffs	3167'
Cliff House	5387'
Menefee	5432'
Point Lookout	5642'
Mancos	5992'
Dakota	7887'



7 jts, 10-3/4", 40.5#, K-55, ST&C csg, landed @ 343'.

91 jts, 7-5/8", 26.4#, K-55, LT&C csg, landed @ 3642'.

Mesaverde Tubing: 187 jts 2-1/16", 3.25#, J-55 IJ tbg landed @ 5932' as follows: orange peeled perf pup jt, 1 jt tbg, 1.5" ID SN @ 5895', 186 jts tbg.

Dakota Tubing: 253 jts 2-1/16", 3.25#, J-55 tbg landed @ 8037' as follows: ½" mule shoe, 1 jt tbg, 1.5" ID SN @ 8004', 62 jts tbg, seal, 189 jts tbg, 10', 8' & 4' pup jts, 1 jt tbg & tbg hanger.

CH/MN : 4796'-5615' (32, 0.34") Fraced w/ 9300# 14/30 Liteprop 125 & 5000# 20/40 brown sand.

Point Lookout : 5654'-5936' (36, 0.34") Fraced w/ 9300# 14/30 Liteprop 125 & 8100# 20/40 brown sand.

ArrowDrill Pkr @ 6032'

184 jts, 5-1/2", 17#, N-80, landed @ 7831'.

Dakota : 7890'-8063' (21, 0.67") Fraced w/ 26,000 gals 20/40 Econoprop.

14 jts, 3 ½", 9.3#, J-55 landed @ 7683' - 8149'.

TD @ 8150'
PBTD @ 8132'

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4", 40.5#	355 sxs	501 cu.ft.	Surface
9 7/8"	7 5/8", 26.4#	720 sxs	1448 cu.ft	Surface
6 3/4"	5 1/2", 17#	275 sxs	615 cu.ft.	7769'
4 3/4"	3 1/2", 9.3#	50 sxs	70 cu.ft.	7912'

TR 05-20-2006

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address	2 OGRID Number
WILLIAMS PRODUCTION COMPANY P O BOX 3102, MS 25-2 TULSA OK 74101	120782 3 Reason for Filing Code/ Effective Date NW

4 API Number	5 Pool Name	6 Pool Code
30 – 039-27603	BASIN DAKOTA	71599
7 Property Code	8 Property Name	9 Well Number
17033	ROSA UNIT	153B

II. 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
I	17	31N	5W		2620'	SOUTH	545'	EAST	Rio Arriba

11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
009018	GIANT REFINING P O BOX 12999 SCOTTSDALE AZ 85267		O	
025244	WILLIAMS FIELD SERVICES P O BOX 645 TULSA OK 74102		G	JUL 2006 RECEIVED OIL CONS. DIV. DIST. 3

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, MC
10/21/04	12/20/04	8150'	8132'	7890' – 8063'	pkr @ 6032' / MC

31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement

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

5. LEASE DESIGNATION AND LEASE NO.
SF-078769

6. IF INDIAN,ALLOTTEE OR

7. UNIT AGREEMENT NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

8.FARM OR LEASE NAME, WELL NO.
ROSA UNIT #153B

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

9. API WELL NO.
30-039-27603

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 2620' FSL & 545' FEL
At top production interval reported below
At total depth:

10. FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

11. SEC., T.,R.,M., OR BLOCK AND SURVEY OR AREA
NE/4 SE/4 SEC 17-31N-5W

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPLETED (READY TO PRODUCE)	18. ELEVATIONS (DK, RKB, RT,GR,ETC.)*	19. ELEVATION CASINGHEAD
10/21/2004	11/12/04	12/20/2004	6323' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTCOMP., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8150' MD	8132' MD			x	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN DAKOTA 7890' – 8063'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
TMDL, GR, CCL & CBL

27. WAS WELL CORED
NO

28.CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE.	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10 ¾", K-55	40.5#	343'	14 ¾"	355 SX - SURFACE	
7 ⅝", K-55	26.4#	3642'	9 ⅞"	720 SX – SURFACE	

29.LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2",17#,N-80	0'	7814'	275 SX	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/16",J-55,3.25#	8037'	6032'

31. PERFORATION RECORD (Interval, size, and number)

Dakota: 7898', 7906', 13', 44', 53', 63', 87', 96', 8024', 28', 32', 36', 40', 44', 50', 76' & 80'. Total of 21, 0.67" holes

32.ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7890' – 8063'	Fraced w/ 26,000gals 20/40 Econoprop

33.PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)
	Flowing	Producing

DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS – MCF	WATER - BBL.	GAS-OIL RATIO
1/12/05		½"	3 hrs.		127		

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL – BBL.	GAS – MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
70	905					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY: Larry Higgins

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 Sr. Production Analyst DATE July 10, 2006