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APRIL 4, 2012

Bureau of Land Management (3 copies)
Farmington Resource Area
Attn: Mr. Wayne Townsend
6251 College Blvd Suite A
Farmington, NM 87402

State of New Mexico (2 copies)
Commissioner of Public Lands
Attn: Mr. Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1138

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

Re: Rosa Unit 1, Sec. No. 587
San Juan and Rio Arriba Counties, New Mexico
Notice of Completion on a Non-Commercial Well
Mesaverde formation

Gentlemen:

Pursuant to the provisions of Section 10 of the Rosa Unit Agreement 1 Sec. No. 587, WPX Energy Production, LLC, As Unit Operator, has determined that the Rosa #186 is not capable of producing unitized substances in paying quantities.

WELLDATA

The Rosa Unit #186 Mesaverde Formation Well (non-commercial) is located 1660 feet from the North Line and 930 feet from the West Line, Section 27 Township 31 North Range 5 West, N.M.P.M., and Rio Arriba County, New Mexico. This well was spud on August 08, 2007, and completed in the Mesaverde formation on October 10, 2007. The Mesaverde formation was completed with a pre-perforated liner between the following depths:

5634' TO 6420'

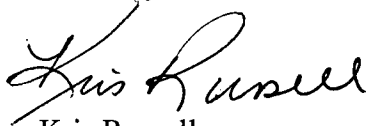
This well has a 2 1/16" tubing string. This well was shut in with a SICP of 4 psig. On October 4, 2007 the well was tested and after flowing for 1 hour through a 2" choke on the 2 1/16" tubing, the well gauged 7920 MCFD.

If this determination meets 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.

Copies of this letter are being resubmitted sent to the Rosa Unit working interest owners on the attached sheet.

Sincerely,



Kris Russell
Land Data Specialist
WPX Energy Production, LLC
P.O. Box 3102
Tulsa, OK 74101
918/573-6181
kris.russell@wpxenergy.com

cc: Working Interest Owners
Federal Management Team

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

APPROVED _____ DATE _____

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

The foregoing is the approval of Notice of Completion of Non-commercial well for the Rosa Unit #186 MV

WORKING INTEREST OWNERS
ROSA UNIT

BP AMERICA PRODUCTION CO.
ATTN: CRAIG CARLEY
P.O. BOX 3092
HOUSTON, TX 77253

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

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

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

J. GLENN TURNER, JR. LLC
4809 COLE AVE., SUITE 212
DALLAS, TX 75205

XTO ENERGY, INC.
ATTN: AARON AUSTIN
810 HOUSTON STREET, STE 2000
FORT WORTH, TX 76102-6298

MARY FRANCES TURNER, JR TRUST
ATTN: LESLIE TIPPING
TX1-2931
P O BOX 660197
DALLAS, TX 75266-0197

MR. JOHN TURNER
PO BOX 329
PORT ARANSAS, TX 78373

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

OMIMEX PETROLUEM, INC.
ATTN: CLARK P. STORMS
2001 BEACH ST., SUITE 810
FORT WORTH, TX 76103

MS. VICTORIA WEBB
806 CORDOVA
DALLAS, TX 75223

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

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

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

February 16, 2011

The Rosa Unit #186 Mesaverde Formation Well (non-commercial) is located 1660 feet from the North Line and 930 feet from the West Line, Section 27 Township 31 North Range 5 West, N.M.P.M., Rio Arriba County, New Mexico. This well was spud on August 08, 2007, and completed in the Mesaverde formation on October 10, 2007. The Mesaverde formation was completed with a pre-perforated liner between the following depths: 5634' to 6420'. This well has a 2 1/16" tubing string. This well was shut in with a SICP of 4 psig. On October 4, 2007 the well was tested and after flowing for 1 hour through a 2" choke on the 2 1/16" tubing, the well gauged 7920 MCFD.

Based on the historic and projected production, the lease operating expenses, and the gas price, this well is expected to have a Before Tax Rate of Return (BTAXROR) of 0% and is therefore determined non-commercial.

Attached to this document are the following:

- ARIES economic model output including gas price assumptions
- Historic production plot with forecast
- Well-bore schematic
- State of NM Form C-104
- BLM Form 1004-0137 (Well Completion Report)

Evaluating Engineer

A handwritten signature in cursive script, reading "Marcia Brueggjenjohann", is written over a horizontal line.

Marcia Brueggjenjohann
Manager, Reservoir Engineering
Williams Exploration and Production, San Juan Basin Unit

PropID: 4842 RSV CAT: 1PDP
 Well Name: ROSA UNIT #186
 Field: BLANCO
 Cnty: RIO ARriba St: NM
 Reservoir: MESAVERDE
 Operator: WPC

Date: 02/11/2011
 Time: 11:06:00
 DES: SJB
 Settings: SETDATA_JCM
 Scenario: SJB-OP-PostAudit

KEYWORD & Ref. Code	COMBINED INPUT DATA				INITIAL CALCULATED DATA				
	Beginning	Ending Rates	Schedule Limit	Method & Value	Ultimate @	End Pt.	Init.Deff	Init. Rate	Final Rate

400 START	11/2007								
401 GAS	157.00	43.00 M/D	03/2010 IMU	B/.9	50.00	0.000	10/2007	100.0000	4775.
402 "	43.00	190.00 M/D	11/2010 IMU	EXP	*****	0.000	10/2007		1308.
403 "	X	X M/D	5.00 EXP	B/.9	55.00	174.226	7/2028	55.0000	5779.
404 "	X	X M/D	30.00 YRS	EXP	5.00	190.037	10/2037	5.0000	179.

500 PRI/GAS	01/2007	5.617 6.487 6.677 5.957 #/M					4/2007		
501 "	X	6.627 6.827 6.197 4.987 #/M					8/2007		
502 "	X	4.587 5.117 6.057 6.497 #/M					12/2007		
503 "	01/2008	6.377 7.277 8.087 8.277 #/M					4/2008		
504 "	X	9.427 9.846 11.356 7.637 #/M					8/2008		
505 "	X	6.427 4.267 2.837 4.627 #/M					12/2008		
506 "	01/2009	4.827 3.107 2.687 2.617 #/M					4/2009		
507 "	X	2.497 2.647 2.977 3.177 #/M					8/2009		
508 "	X	2.467 3.417 4.257 4.277 #/M					12/2009		
509 "	01/2010	5.72 5.31 4.66 3.77 #/M					4/2010		
510 "	X	3.87 3.69 4.28 4.08 #/M					8/2010		
511 "	X	3.47 4.126 5.75 5.75 #/M					12/2010		
512 "		5.75 X \$/M	TO	LIFE	PC	0.00	10/2037		5.750

600 ATX	2.10	X %	TO	LIFE	PC	0.00	10/2037		0.021
601 STX/GAS	3.75	X %	TO	LIFE	PC	0.00	10/2037		0.037
602 OFC/T	1120.00	X \$/M	TO	LIFE	PC	0.00	10/2037	1120.000	1120.000
705 LSE/WI	0.2300	D FRAC	TO	LIFE	FLAT	0.00	10/2037		0.230
720 NET/OIL	0.2013	D FRAC	TO	LIFE	FLAT	0.00	10/2037		0.201
740 NET/GAS	0.2013	D FRAC	TO	LIFE	FLAT	0.00	10/2037		0.201

OVERLAYS	Beginning	Ending Rates	Schedule Limit	Method & Value	Ultimate @	End Pt.	Init.Deff	Init. Rate	Final Rate
901 S 92	S/95	X FRAC	TO	LIFE	DIV	146.00	10/2037		
903 S /89	0.49	X FRAC	TO	LIFE	MUL	92.00	10/2037		
905 S /89	1.04	X FRAC	TO	LIFE	MUL	89.00	10/2037		
907 S /196	S/196	X FRAC	TO	LIFE	MINUS	89.00	10/2037		
909 S /88	0.06	X FRAC	TO	LIFE	MUL	92.00	10/2037		
911 S /88	1.00	X FRAC	TO	LIFE	MINUS	88.00	10/2037		
913 S /196	S/196	X FRAC	TO	LIFE	MUL	88.00	10/2037		

914 GAS	11/2007	418 0 405 0 0 4601 1559 2784 1512 777 1 0 0 #				12.057	11/2008		
915 "	X	0 0 0 0 247 3013 4710 2986 2463 2311 948 1652 1621 #				32.008	12/2009		
916 "	X	1521 990 894 1511 1201 1625 2135 3453 0 836.55 #				46.175	10/2010		
917 "	X	6000.93 #				52.175	11/2010		

INVESTMENTS	Tangible	Intang Units	Invest. Point	Method & Value	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 CAPITAL	220.00	878.00 M\$G	-1.00 MOS	ESC INV	1098.000	10/2007	0	1098.0	0.0

MISCELLANEOUS DATA PARAMETERS

201 BTU	1.04			
202 WELLS	0.00	1.00		
203 CUMO, MB	0.00	CUMG, MMF	0.00	CUML, MB
250 LOSS	NO			

PROJECT RUN SETTINGS

Base Date	: 09/2007	Time Frames	: 4*1,99*12,8
P.W. Date	: 09/2007	Primary FW%	: 8.0
Report Date	: 09/2007	Discount Freq.	: MID
Qualifiers	: Prod = SJ_OP_POST	Price = SJ_OP_POST	Cost = SJ_OP_POST
	Title = BASE	Misc = BASE	Invest = SJ_OP_POST
			Owner = BASE
			Overlay = SJ_OP_POST

&l0o5.45C &k2S
 PropID: 4842 RSV CAT: 1PDP
 Well Name: ROSA UNIT #186
 Field: BLANCO
 Cnty: RIO ARRIEA St: NM
 Reservoir: MESAVERDE
 Operator: WPC

DATE : 02/11/2011
 TIME : 11:06:00
 DBS : SJB
 SETTINGS : SETDATA_JCM
 SCENARIO : SJB-OP-PostAudit

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

EFFECTIVE DATE: 09/2007

--END-- MO-YEAR	---GROSS PRODUCTION---				---NET PRODUCTION---				-----PRICES-----		NO. OF WELLS	-----OPERATIONS, M\$-----		
	OIL,	MBBL	GAS,	MMCF	OIL,	MBBL	GAS,	MMCF	OIL \$/B	GAS \$/M		OIL REVENUE	GAS REVENUE	TOTAL REVENUE
09-2007	0.000		0.000		0.000		0.000		0.00	0.000	0.0	0.000	0.000	0.000
10-2007	0.000		0.000		0.000		0.000		0.00	0.000	0.0	0.000	0.000	0.000
11-2007	0.000		0.418		0.000		0.084		0.00	5.288	1.0	0.000	0.445	0.445
12-2007	0.000		0.000		0.000		0.000		0.00	0.000	1.0	0.000	0.000	0.000
12-2008	0.000		11.639		0.000		2.342		0.00	8.215	1.0	0.000	19.242	19.242
12-2009	0.000		19.951		0.000		4.615		0.00	2.365	1.0	0.000	9.495	9.495
12-2010	0.000		21.314		0.000		4.290		0.00	4.075	1.0	0.000	17.480	17.480
12-2011	0.000		12.037		0.000		2.422		0.00	4.993	1.0	0.000	12.094	12.094
12-2012	0.000		9.666		0.000		1.945		0.00	4.993	1.0	0.000	9.712	9.712
12-2013	0.000		8.050		0.000		1.620		0.00	4.993	1.0	0.000	8.089	8.089
S-TOT	0.000		83.076		0.000		16.719		0.00	4.579	1.0	0.000	76.557	76.557
AFTER	0.000		37.292		0.000		7.505		0.00	4.993	1.0	0.000	37.470	37.470
TOTAL	0.000		120.368		0.000		24.224		0.00	4.707	1.0	0.000	114.027	114.027

--END-- MO-YEAR	SEV + ADV TAXES	NET OPER EXPENSES	OPERATION CASH FLOW	TOTAL EQUITY INV	CASH FLOW BTAX	DEPRECI- TION	DEPLETION	TAXABLE INCOME	TAXES PAYABLE	CASH FLOW ATAX
	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----	M\$-----
09-2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10-2007	0.000	0.000	0.000	252.540	-252.540	0.000	0.000	-201.940	-70.679	-181.861
11-2007	0.026	0.258	0.162	0.000	0.162	0.723	0.000	-0.561	-0.197	0.358
12-2007	0.000	0.258	-0.258	0.000	-0.258	0.723	0.000	-0.981	-0.343	0.086
12-2008	1.111	3.091	15.040	0.000	15.040	9.915	0.000	5.125	1.794	13.247
12-2009	0.548	3.091	5.856	0.000	5.856	11.211	0.000	-5.355	-1.874	7.731
12-2010	1.009	3.091	13.380	0.000	13.380	8.007	0.000	5.373	1.881	11.499
12-2011	0.698	3.091	8.305	0.000	8.305	5.719	0.000	2.585	0.905	7.400
12-2012	0.561	3.091	6.060	0.000	6.060	4.517	0.000	1.544	0.540	5.520
12-2013	0.467	3.091	4.531	0.000	4.531	4.515	0.000	0.016	0.005	4.525
S-TOT	4.418	19.062	53.077	252.540	-199.463	45.331	0.000	-194.194	-67.968	-131.495
AFTER	2.162	23.957	11.351	0.000	11.351	5.269	0.000	6.082	2.129	9.222
TOTAL	6.581	43.019	64.427	252.540	-188.113	50.600	0.000	-188.113	-65.839	-122.273

BTAX RATE OF RETURN (PCT)				ATAK RATE OF RETURN (PCT)				PRESENT WORTH PROFILE AND			
BTAX PAYOUT YEARS				ATAK PAY OUT YEARS				--- RATE-OF-RETURN VS. BONUS TABLE ---			
BTAX PAYOUT YEARS (DISC)				ATAK PAY OUT YEARS (DISC)				P.W.	E.F.I.T.	A.F.I.T.	A.F.I.T.
BTAX NET INCOME/INVEST				ATAK NET INCOME/INVEST				FACTOR	WORTH	WORTH	BONUS
BTAX NET INCOME/INVEST (DISC)				ATAK NET INCOME/INVEST (DISC)				%-----	M\$-----	M\$-----	M\$-----
								0.00	-188.1	-122.3	-188.1
								2.00	-192.3	-126.1	-184.7
								5.00	-197.6	-130.9	-181.2
								8.00	-201.9	-135.0	-179.0
								10.00	-204.4	-137.3	-177.8
								12.00	-206.5	-139.4	-177.0
								15.00	-209.3	-142.1	-175.9
								18.00	-211.7	-144.4	-175.2
								20.00	-213.1	-145.8	-174.8
								25.00	-215.9	-148.7	-174.0
								30.00	-218.1	-151.0	-173.4
								35.00	-219.8	-152.8	-173.0
								40.00	-221.1	-154.4	-172.6
								45.00	-222.2	-155.6	-172.3
								50.00	-223.0	-156.6	-171.9

PRODUCTION START DATE		PROJECT LIFE (YEARS)	
11/2007		14.68	
DISCOUNT - RATE (PCT)		DISCOUNT - RATE (PCT)	
		8.00	

INITIAL OIL PRICE (\$/B)		INITIAL GAS PRICE (\$/M)	
0.000		5.288	
MAXIMUM OIL PRICE (\$/B)		MAXIMUM GAS PRICE (\$/M)	
0.000		4.993	
GROSS OIL WELLS		GROSS GAS WELLS	
0.		1.	

CUMULATIVE OIL (MBBL)		CUMULATIVE GAS (MMCF)	
0.000		0.000	
REMAINING OIL (MBBL)		REMAINING GAS (MMCF)	
0.000		120.368	
ULTIMATE OIL (MBBL)		ULTIMATE GAS (MMCF)	
0.000		120.368	

INITIAL WI (PCT)		FINAL WI (PCT)	
23.000		23.000	
INITIAL NET OIL (PCT)		FINAL NET OIL (PCT)	
0.000		0.000	
INITIAL NET GAS (PCT)		FINAL NET GAS (PCT)	
20.125		20.125	

ROSA UNIT #186 | 1PDP | MESAVERDE | J7PK956PJN | 62047834
Filtered by Scenario: SJB-OP-PostAudit

Titles

PROPID: @M.PROPID RSV CAT: @M.RESERVE_CATEGORY	BASE
WELL NAME: @M.WELL_NAME	BASE
FIELD: @M.FIELD	BASE
CNTY: @M.BHL_COUNTY ST: @M.STATE	BASE
RESERVOIR: @M.RESERVOIR	BASE
OPERATOR: @M.OPERATOR	BASE

Miscellaneous

BTU @M.BTU	BASE
WELLS 0 1	BASE

LOSS NO

Production

CUMS 0 0	SJ_OP_POST
START 11/2007	SJ_OP_POST
GAS 157 43 M/D 03/2010 IMU B/.9 50	SJ_OP_POST
" 43 190 M/D 11/2010 IMU EXP -2000	SJ_OP_POST
" X X M/D 5 EXP B/.9 55	SJ_OP_POST
" X X M/D 30 YRS EXP 5	SJ_OP_POST

Prices

SIDFILE SJB_JCM_07ACT_COMMERCIAL	SJ_OP_POST
----------------------------------	------------

Expenses

ATX 2.1 X % TO LIFE PC 0	SJ_OP_POST
STX/GAS 3.75 X % TO LIFE PC 0	SJ_OP_POST
OPC/T @M.LIFTING_COST X \$/M TO LIFE PC 0	SJ_OP_POST

Ownership

NET 0.23 0.20125 0.20125 FRAC	BASE
-------------------------------	------

Investments

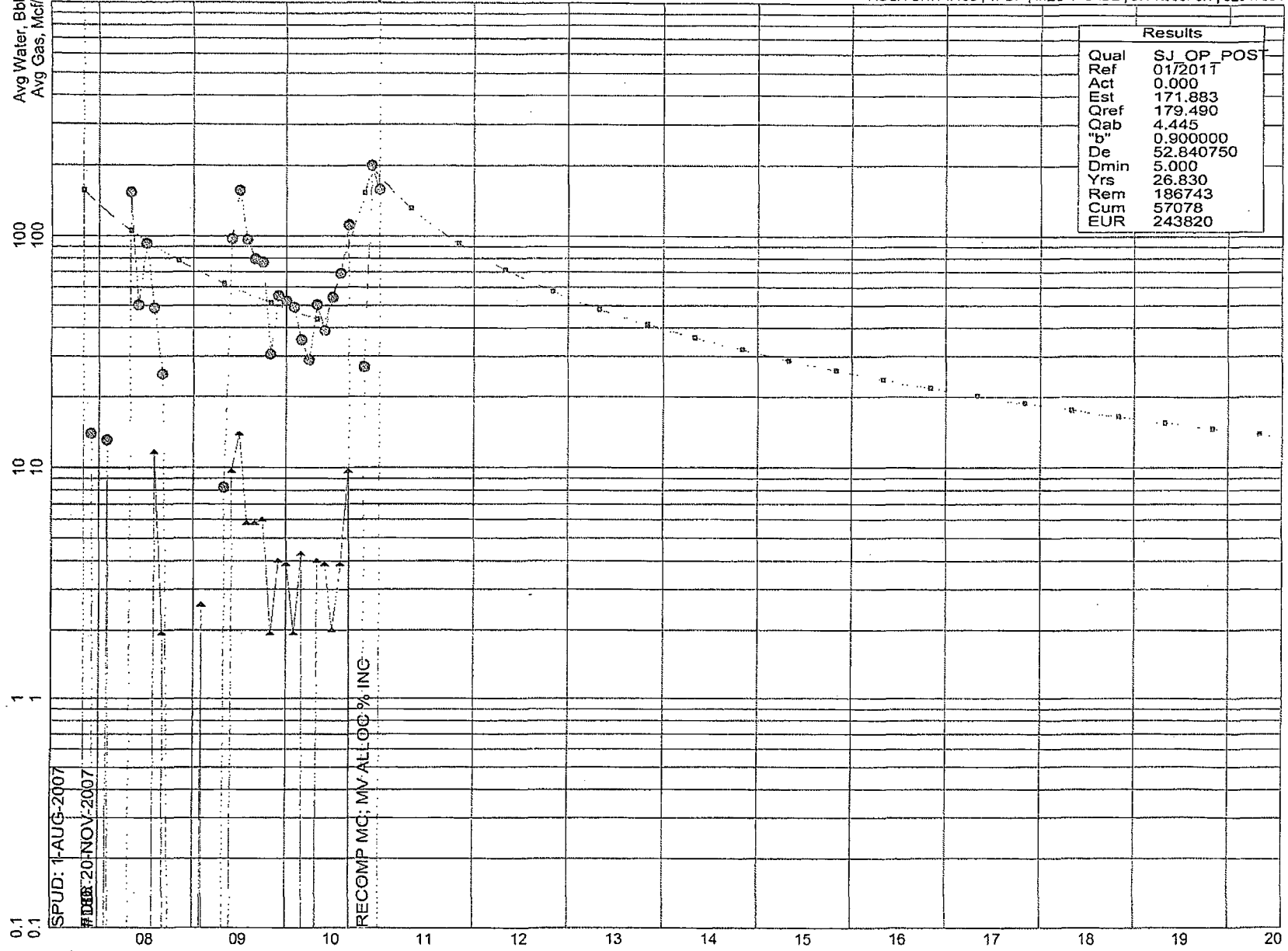
CAPITAL 220 878 M\$G -1 MOS ESC INV	SJ_OP_POST
-------------------------------------	------------

Overlays

SIDFILE RI_TOTAL_BR	SJ_OP_POST
LOAD MP.GAS GAS 11/2007 12/2010 #	SJ_OP_POST

PRB_AvgDay_Gas

ROSA UNIT #186 | 1PDP | MESAVERDE | J7PK956PJN | 62047834



ROSA UNIT #186
BLANCO MV/BASIN DK

Location: 1660' FNL & 930' FWL
SW/4 NW/4 Section 27(E), T31N, R05W
Rio Arriba Co, NM

Elevation: 6765' GR 6781' KB
API #: 30-039-30160

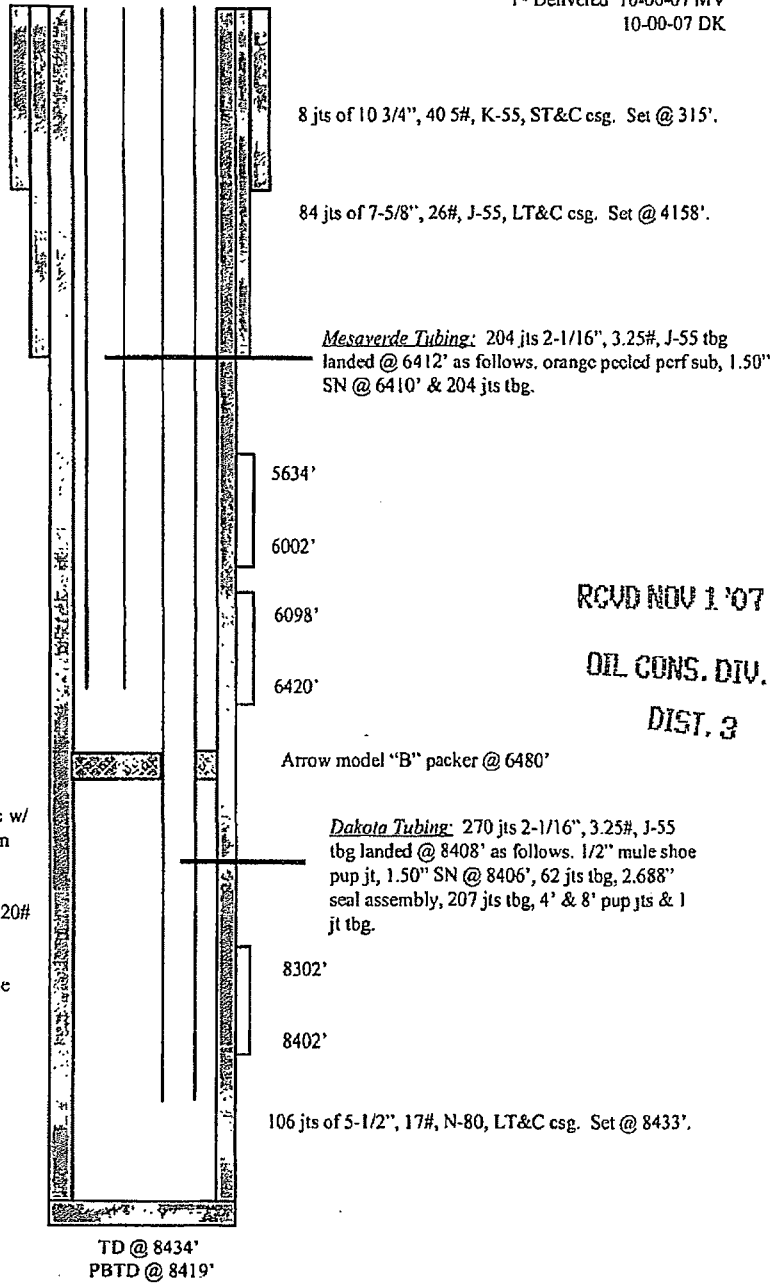
Spud Date 08-01-07
Completed 10-10-07
1st Delivered 10-00-07 MV
10-00-07 DK

<u>Tops</u>	<u>Depth</u>
Kirtland	3034'
Pictured Cliffs	3797'
Cliff House	5853'
Menefee	5898'
Point Lookout	6097'
Mancos	6653'
Dakota	8298'

Cliff House/Menefee 5634' - 6002' (52, 0.36" holes) Frac w/ 9920# 14/30 LiteProp 125 followed by 3280# 20/40 brown sand.

Point Lookout 6098' - 6420' (52, 0.36" holes) Frac w/ 9920# 14/30 LiteProp 125 followed by 3280# 20/40 brown sand.

Dakota 8302' - 8402' (22, 0.34" holes) Frac w/ 9900# Lite Prop 108.



RCVD NOV 1 '07
OIL CONS. DIV.
DIST. 3

<u>HOLE SIZE</u>	<u>CASING</u>	<u>CEMENT</u>	<u>CU. FT.</u>	<u>CMT TOP</u>
14 3/4"	10 3/4", 40.5#	314 sxs	444 cu.ft.	surface
9 7/8"	7 5/8", 26#	897 sxs	1802 cu.ft.	surface
6 3/4"	5 1/2", 17#	205 sxs	441 cu.ft.	5100'

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

Form C-104
Revised June 10, 2003

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

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

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 - 039-30160	⁵ Pool Name BLANCO MESAVERDE	⁶ Pool Code 72319
⁷ Property Code 17033	⁸ Property Name ROSA UNIT	⁹ Well Number 186

II. ¹⁰ Surface Location

UI or lot no. E	Section 27	Township 31N	Range 5W	Lot Idn	Feet from the 1660'	North/South Line NORTH	Feet from the 930'	East/West line WEST	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	------------------------	---------------------------	-----------------------	------------------------	----------------------

¹¹ Bottom Hole Location

UI, 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 O/G/W
009018	GIANT REFINING P O BOX 12999 SCOTTSDALE AZ 85267	O
025244	WILLIAMS FIELD SERVICES P O BOX 645 TULSA OK 74102	G

IV. Well Completion Data

²¹ Spud Date 08/01/07	²² Ready Date 10/10/07	²³ TD 8434'	²⁴ PBTB 8419'	²⁵ Perforations 5634' - 6420'	²⁶ DHC, MC pkc 6480'
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 3/4"	10 3/4", 40.5#, K-55	315'	314		
9 3/4"	7 3/4", 26#, J-55	4158'	897		
6 3/4"	5 3/4", 17#, N-80	8433'	205		
	2-1/16", 3.25#, J-55	6412'	RCVD NOV 1 '07 OIL CONS. DIV.		

VI. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
08/01/07	10/10/07	10/04/07	1 hrs	0	4
³⁷ Choke Size 2"	³⁸ Oil	³⁹ Water	⁴⁰ Gas / S 330-7920		⁴¹ Test Method Pitot
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tracy Ross</i>			11/9/07 OIL CONSERVATION DIVISION Approved by: <i>Chris R.</i> 11-19-07 Title: SUPERVISOR DISTRICT # 3 Approval Date: NOV 19 2007 <i>File PLT by 12/19/07</i> CBL		
Printed name: Tracy Ross					
Title: Sr. Production Analyst					
E-mail Address: Tracy.ross@williams.com					
Date: 10/29/07	Phone: 918-573-6254				

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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
NMSF-078770

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

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 25-1 TULSA, OK 74101 (918) 573-6254

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1660' FNL & 930' FWL
At top production interval reported below:
At total depth:

Bureau of L. Management
Farming Field Office

8 FARM OR LEASE NAME, WELL NO
ROSA UNIT #186

9 API WELL NO
30-039-30160-0002

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE

11 SEC., T. R. M., OR BLOCK AND
SURVEY OR AREA
SW/4 NW/4 SEC 27-31N-5W

12 COUNTY OR 13 STATE
RIO ARriba NEW MEXICO

15 DATE
SPUDDED
08/01/07

16 DATE T.D.
REACHED
08/26/07

17 DATE COMPLETED (READY TO PRODUCE)
10/10/07

14 PERMIT NO
DATE ISSUED
18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6765' GR

19. ELEVATION CASINO HEAD
RCVD NOV 6 '07

20 TOTAL DEPTH, MD & TVD
8434' MD

21 PLUG, BACK T.D., MD & TVD
8419' MD

22 IF MULTICOMP.
HOW MANY

23 INTERVALS
DRILLED BY

ROTARY TOOLS
x
CABLE TOOLS
OIL CONS. DIV.

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5634' - 6420'

25. WAS DIRECTIONAL SURVEY MADE
YES DIST 3

26 TYPE ELECTRIC AND OTHER LOGS RUN

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", K-55	40.5#	315'	14 3/4"	315 SX - SURFACE	
7 1/2", J-55	26#	4158'	9 1/4"	897 SX - SURFACE	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2", 17#N-80	0'	8433'	205 SX		2-1/16", J-55, 3.25#	6412'	6480'

31 PERFORATION RECORD (Interval, size, and number)

CHIMEN. 5634' - 6002'. Total of 52, 0.36" holes

PLQ. 6098' - 6420' Total of 52, 0.36" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5634' - 6002'	Fraced w/ 9920# 14/30 Lite Prop 125, followed by 3280# 20/40 brown sand.
6098' - 6420'	Fraced w/ 9920# 14/30 Lite Prop 125, followed by 3280# 20/40 brown sand.

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
10/04/07	1 hrs	2"			3305		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	4				1920		

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

TEST WITNESSED BY Buddy Banks

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 Inaey Ross TITLE Sr. Production Analyst DATE October 29, 2007

NMOCD

ACCEPTED FOR RECORD

NOV 02 2007

FARMINGTON FIELD OFFICE
BY J. L. Savers