

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.
STATE

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

8 FARM OR LEASE NAME, WELL NO
Rosa Unit COM #377

3 ADDRESS AND TELEPHONE NO
P.O. Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO
30-039-30974

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
SURF: 2275' FNL & 135' FWL SEC 25 31N 5W
BHL: 1737' FNL & 951' FEL SEC 26 31N 5W

10 FIELD AND POOL, OR WILDCAT
BASIN FRUITLAND COAL

11 SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SEC 25 31N 5W

14 PERMIT NO

DATE ISSUED

12 COUNTY OR
Rio Arriba

13 STATE
New Mexico

15 DATE
SPUDDED
6/23/11

16 DATE TD
REACHED
7/13/11

17 DATE COMPLETED (READY TO PRODUCE)
8/14/11

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6432' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH, MD & TVD
3643' TD
3359' TVD

21 PLUG, BACK TD, MD & TVD
3642'
3358' TVD

22 IF MULTICOMP,
HOW MANY

23 INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN FRUITLAND COAL 3426'-3540'

25 WAS DIRECTIONAL SURVEY MADE
YES

26 TYPE ELECTRIC AND OTHER LOGS RUN
Spectral Density/Dual Spaced Neutral, GR

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
9-5/8", J-55	36#	317'	12-1/4"	125 SX - SURFACE	
7", J-55	23#	3406'	8-3/4"	390 SX - SURFACE	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	3260'	3642'	NONE		2-7/8", 6.5#, J-55 EUE 8rd	3581'	

31 PERFORATION RECORD (Interval, size, and number)

Basin Fruitland Coal: 200 holes 0.54"

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

3426'-3540' Well was not stimulated

33 PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SHUT IN)	
						SI	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) non flaring

TEST WITNESSED BY

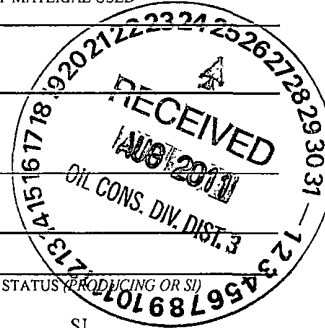
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

SIGNED

TITLE Regulatory Spec SR

DATE 8/24/11



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	
KIRTLAND	2755'	TVD 2557'							
FRUITLAND	3313'	3042'							
PICTURED CLIFF	3541'	3257'							

WILLIAMS							
WELL NUMBER : ROSA UNIT 377							
2 7/8" TUBING SURVEY							
DATE RUN : 160811							
JOB NUMBER : RM0811GMS508							
				LOCAL	LOCAL		DOG/
MD	INC	AZ	TVD	N	E	V/S	100FT
200	0.19	56.37	200	0.18	0.28	0.2	0.1
400	0.48	295.82	400	0.73	-0.2	0.7	0.3
600	3.47	289.63	599.86	3.13	-6.66	3.1	1.5
800	10.39	305.58	798.29	15.67	-27.05	15.7	3.56
1000	18.82	309.6	991.66	46.79	-66.65	46.8	4.24
1200	25.21	305.05	1176.99	91.86	-126.44	91.9	3.3
1400	27.59	296.79	1356.18	137.22	-202.69	137.2	2.19
1600	27.6	290.22	1533.47	174.12	-287.53	174.1	1.52
1800	27.65	291.52	1710.67	207.15	-374.18	207.2	0.3
2000	26.53	290.33	1888.73	239.69	-459.24	239.7	0.62
2200	25.81	296.55	2068.26	274.68	-540.08	274.7	1.42
2400	24.02	308.4	2249.75	319.46	-610.98	319.5	2.65
2600	28.04	315.95	2429.48	378.57	-675.61	378.6	2.6
2800	32.99	300.94	2601.98	440.48	-755.16	440.5	4.53
3000	29.99	286.03	2772.77	482.35	-850.07	482.4	4.16
3200	26.67	283.52	2948.79	506.65	-941.78	506.7	1.76
3400	25.28	282.63	3128.59	526.49	-1027.1	526.5	0.72
3550	21.59	279.55	3266.2	538.07	-1085.59	538.1	2.59



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ROSA UNIT COM #377
FRUITLAND COAL

Location:

SHL: 2275' FNL & 135' FWL
SW/4 NW/4 SEC 25(E), T31N, R5W

BHL: 1737' FNL & 951' FEL
SE/4 NE/4 SEC 26(H), 31, 5W

RIO ARRIBA, New Mexico
Elevation: 6432' GR

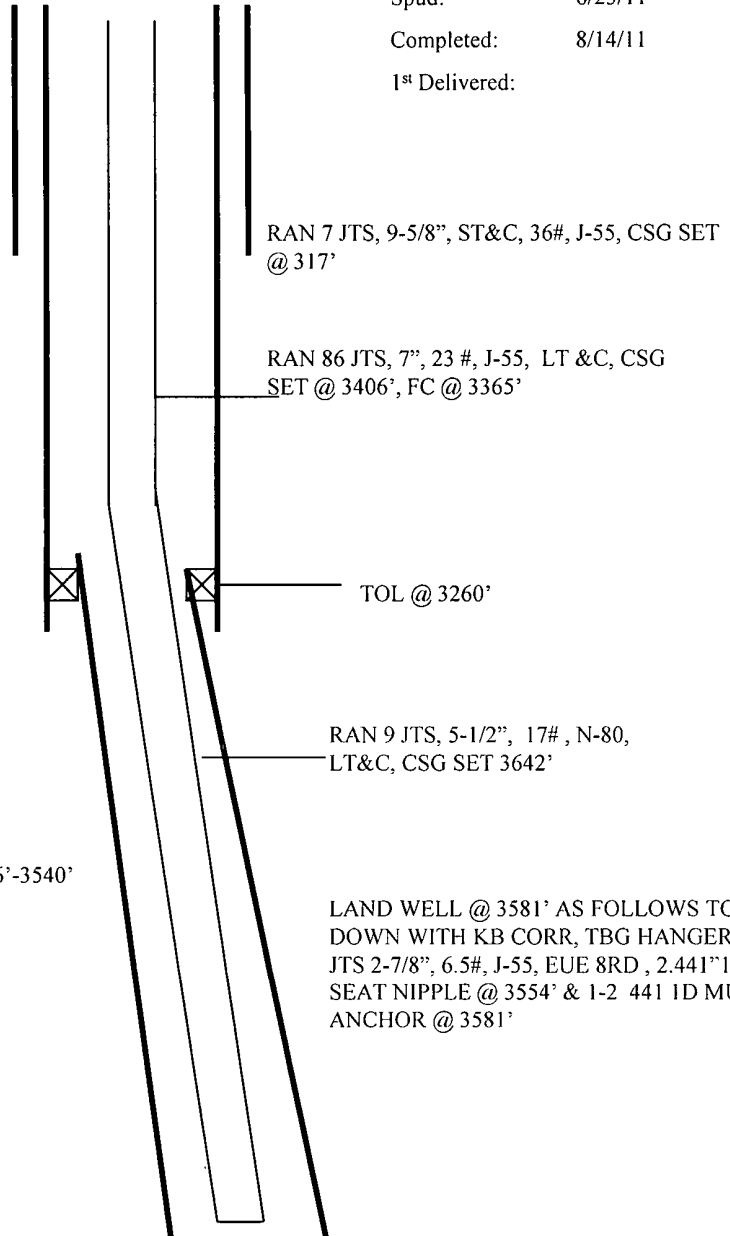
API # 30-039-30974

Spud: 6/23/11

Completed: 8/14/11

1st Delivered:

Top	Depth	TVD
Kirtland	2755'	2557'
Fruitland	3313'	3042'
Pictured Cliffs	3541'	3257'



LAND WELL @ 3581' AS FOLLOWS TOP
DOWN WITH KB CORR, TBG HANGER, 108
JTS 2-7/8\", 6.5#, J-55, EUE 8RD, 2.441\" ID
SEAT NIPPLE @ 3554' & 1-2 441 ID MUD
ANCHOR @ 3581'



TD @ 3643'
TD @ 3359' TVD
PBSD @ 3642'
PBSD @ 3358' TVD

Casing	Cement	Top of Cmt	Volume
9-5/8", 36#	125x	Surface	225 cu ft
7", 23#	390 sx	Surface	909 cu ft
5-1/2", 6 5#	NONE		

LG 8/24/11

AV