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In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN JUL 12 2011
DUPLICATE

(See other instructions on Field Office reverse side)

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

LEASE DESIGNATION AND LEASE NO
SF-078777

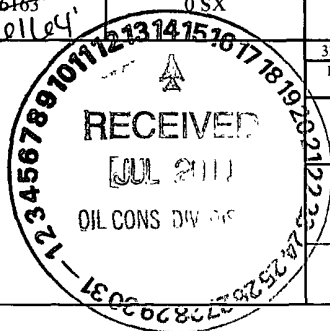
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER				6 IF INDIAN ALLOTTEE OR	
b. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER				7 UNIT AGREEMENT NAME <i>Report to Lease</i>	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY				8 FARM OR LEASE NAME, WELL NO Rosa Unit 399A	
3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208				9 API WELL NO 30-039-30503-0051	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* SURF: 1035' FSL & 1025' FEL BHL: 1515' FNL & 2007' FEL				10. FIELD AND POOL, OR WILDCAT BASIN FRUITLAND COAL	
				11 SEC. T. R. M. OR BLOCK AND SURVEY OR AREA SEC 31 31N 4W	
		14 PERMIT NO		DATE ISSUED	
15 DATE SPUDDED 5/18/11		16 DATE T D REACHED 6/2/11		18. ELEVATIONS (DK. RKB. RT. GR. ETC)* 6678' GR	
20 TOTAL DEPTH, MD & TVD 6200' MD / 3477' TVD		21 PLUG, BACK T D., MD & TVD 6163' MD 3476' TVD		19 ELEVATION CASINGHEAD	
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN FRUITLAND COAL: 3204' - 6158' MD				12 COUNTY OR Rio Arriba	
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL				13 STATE New Mexico	
				25 WAS DIRECTIONAL SURVEY MADE YES	
				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", K-55 J-55	36#	346'	12-1/4"	125 SX - SURFACE	20 bbl
7", J-55 K-55	23#	3583'	8-3/4"	460 SX - SURFACE	50 bbl

29 LINER RECORD					30 TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3204'	6163' (6164')	0 SX		2-7/8", 6 5#, J-55 & S/N EUE 8rd	6163'	

31 PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
INTERVAL (MD)	SIZE	NUMBER		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED



ACCEPTED FOR RECORD

JUL 13 2011

FARMINGTON FIELD OFFICE
BY *SCV*

33 PRODUCTION		DATE OF FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) 2 1/2" x 1 1/2" x 20' RWAC Pump W/ 128" Stroke		WELL STATUS (PRODUCING OR 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

B. m. h.

TITLE Regulatory Specialist

DATE

7/11/11

H

NMOC

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC		NAME
KIRTLAND	3000'						
FRUITLAND	3347'						
PICTURED CLIFFS	3503'						

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

☐ AMENDED REPORT

As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 399A
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6678'

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
P	31	31N	4W		1035	SOUTH	1025	EAST	RIO ARriba

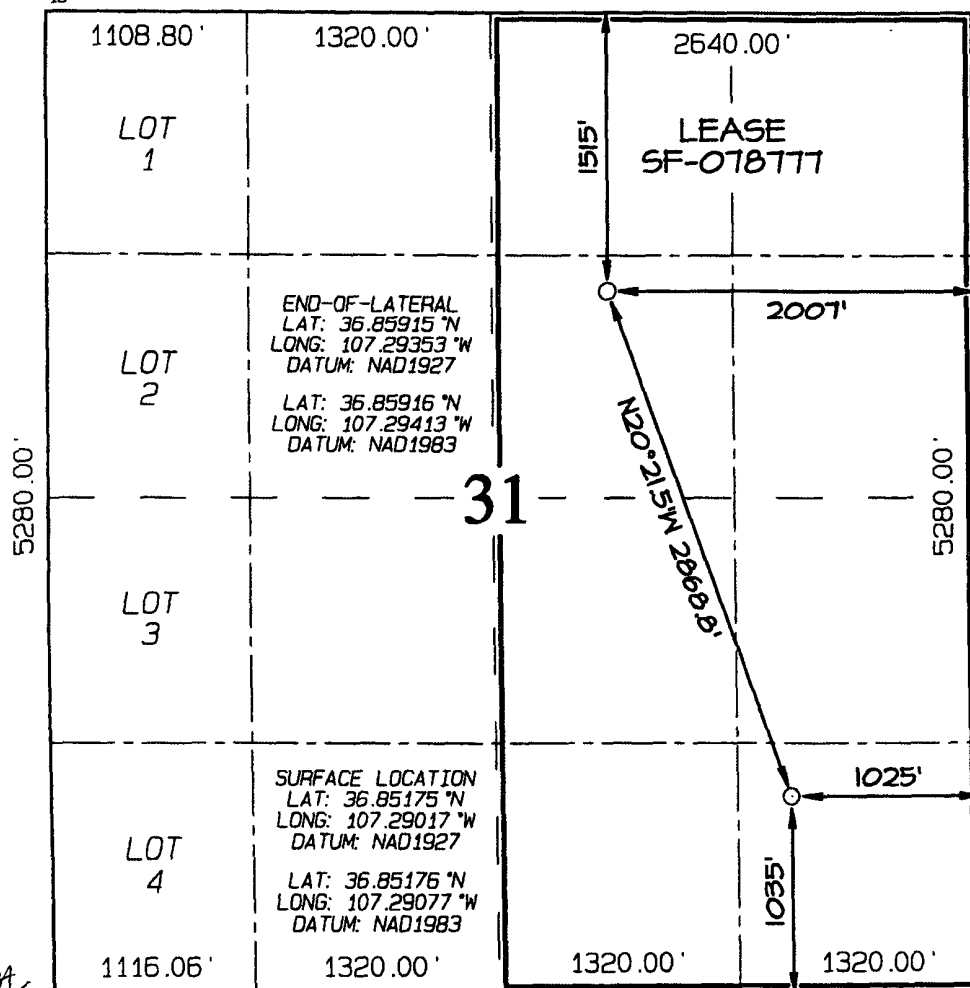
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	31	31N	4W		1515	NORTH	2007	EAST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - (E/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

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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.

Ben Mitchell
Signature
7/11/2011
Date
Ben Mitchell
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: JULY 11, 2011
Date of Survey: APRIL 13, 2011

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

SHL: 1035' FSL & 1025' FEL
 SE/4 SE/4 Sec 31(P), T31N, R4W
 Rio Arriba, New Mexico
 BHL: End - 1515' FNL and 2007' FEL
 SW/4 NE/4 Sec 31(G), T31N, R4W
 Rio Arriba, New Mexico

ROSA 399A BASIN FRUITLAND COAL HORIZONTAL

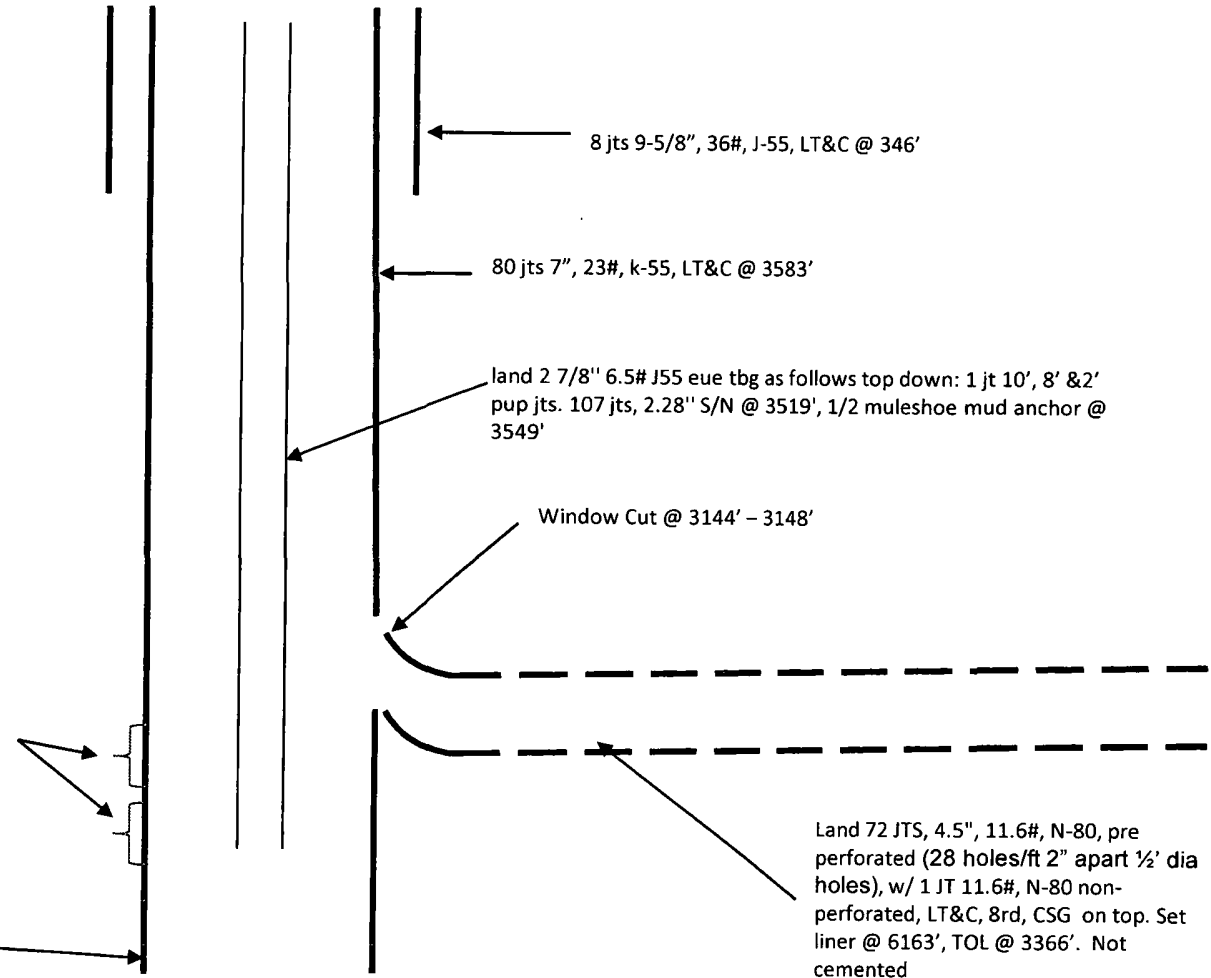
Spud 5/18/2011

Elevation: 6678' GR
 API # 30-039-30503

Top	Depth
Kirtland	3000'
Fruitland	3347'
Pictured Cliffs	3503'

Fruitland coal perforation intervals: 3470'-3482', 3488'-3497' w/ 3 1/8" OD slick guns, 19 grm chg, .43 dia holes, 46" penetration, total of 72holes

PBTD 7" @ 3566'



TD @ 6200' MD
 PBTD @ 6163' MD
 TVD @ 3477'

12-1/4"	9-5/8", 36#	125 sx	225 cu. ft.	Surface
8-3/4"	7", 23#	460 sx	1100 cu. ft.	Surface
6-1/4"	4-1/2", 11.6#	None	None	N/A