Form 3160 DEPAR	UNITED STATES DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT		FORM APPROVED Budget Bureau No. 1004-0135			
SUNDRY NOTICE AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or recentry to a different reservoir. Use "APPLICATION"		5. Lease Designation and Serial No. SF-078770				
TO DRILL" for permit for such proposals			6. If Indian, Allottee or Tribe Name			
SUBMIT	7.	If Unit or CA, Agreement Designation ROSA UNIT				
1. Type of Well Oil Well X Gas Well Other			Well Name and No. ROSA UNIT #378			
Name of Operator     WILLIAMS PRODUCTION COMPANY	9.	API Well No. 30-039-30410				
3. Address and Telephone No. PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046			Field and Pool, or Exploratory Area BASIN FRUITLAND COAL			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2060' FNL, 1945' FEL			County or Parish, State			
1650' FNL, 990' FEL, SE/4 NE/4, SEC 2	<del></del>	OPT O	RIO ARRIBA, NM			
TYPE OF SUBMISSION	APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
Notice of Intent	TYPE OF ACTION  Abandonment Change of Plans					
	Recompletion	Recompletion New Cons				
<ul><li>Subsequent Report</li><li>Final Abandonment</li></ul>	Plugging Back Casing Repair Altering Casing		Non-Routine Fracturing Water Shut-Off Conversion to Injection			
ke	X Other <u>TUBING REPAIR</u>		Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
directionally drilled, give subsurface locat 01-25-2010  MOB rig & equip from Farm to Rosa # 37 to town.  01-26-2010  Trvl from Farm. to location, SM, check & load hole w/ 25 bbls prod water, well on a	as (Clearly state all pertinent details, and give pertinent dates, in one and measured and true vertical depths for all markers and 8, clear snow from location, test anchors, SM, R start equipment, BD well to prod tank. TOH w/S vacuum. ND WH, NU BOP, pull tubing hanger, ment, freeze protect equipment, no accidents repo	ZONES PE LU, LD SR & pr TOH w	ertinent to this work )*  horses head – MWSFN, rig crew travel  ump, drop SV, tie pump to prod tank,			
	w/ rig crew, check & start rig, BD casing to prod ling, test tubing, standing valve leaking past f-Ni					
14. I hereby certify that the foregoing is true a  Signed Rashel Lipperd		ate	May 3, 2010			
(This space for Federal or State office use			MONROE IN THE PROPERTY OF			
Approved by	Title		Date MAY 1 4 2010			
Conditions of approval, if any:			PARAMICTON FIELD AFFICE			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### 01-28-2010

Check & start equipment, blow well down to prod tank. TIH w/ prod tubing test tubing every 30 joints to 1000 psi, run in 200' of cap string, pu tubing hanger attach cap string, land tubing. ND BOP, NU WH, secure well & equipment, SDFN no accidents to report.

#### 01-29-2010

Blow well down to prod tank, RIW w/ insert pump & rod assembly, attach snapon rod guides to every other SR. Load tubing w/ prod water, test pump to 500 psi, bleed off pressure, stroke pump w/ rig to 500 psi, good pump action. PU horses head, hang off rods, start unit, put on lt tag, RD rig & equipment, turn well over to prod field tech.

## 01-30-2010

SM, Start rig & check equipment, Move rig & equipment from Rosa 378 To Rosa 259A, Travel from Rosa 259A to town.

### 04-20-2010

MIRU, NDT, NUBOP's, pull tubing hanger, pull 6 joints & remove chem inj line, run 6 joints back in hole, wait on Tubascope, had to change out trucks, RU Tubascope, Tubascope insp tubing on TOH, had 65 joints blue band, 44 joints green band, 3 joints red band, pin end on 1 joint ate away on one side, notify engineer, SIW, SDFN.

#### 04-21-2010

Bd to tk, tally & TIH w/ 66 joints 2 7/8" 6.5# blue band tubing, wait new tubing, had to load this morning, tally & PU new 2 7/8" tubing, land 2 7/8" 6.5# J55 EUE tubing as follows top down: 1 joint, 2 - 10' pup joints, 111 joints, 2.28" F-Nipple @ 3564', 1 joint, 1/2 muleshoe @ 3598', band chem line 200' to surface, FC perfs 3460'-3568', LD 47 joints 2 7/8" bad tubing, NDBOP's, NUT, RDMO.

Surface Location: 2060' FNL and 1945' FEL SW/4 NE/4 Sec 27 (G), T31N, R5W Rio Arriba, NM

Bottom Hole Location: 1601' FNL and 935' FEL SE/4 NE/4 Sec 27 (H), T31N, R5W Rio Arriba, NM

Elevation: 6511' GR API # 30-039-30410

Тор	MD Depth	TVD <u>Depth</u>	
Ojo Alamo	2810'	2660'	
Kirtland	2930'	2770'	
Fruitland	3332'	3140'	

0.53", 4SPF

260 holes total

Open hole from 6-1/4" to 9-1/2" from 3444' to 3665' MD

# ROSA UNIT #378 BASIN FRUITLAND COAL

Spud:

07/26/08

Completed:

09/16/08

1st Delivered:

09/22/08

7 jts 9-5/8", 36#, K-55, ST&C @ 332'.

75 jts 7", 23#, K-55, LT&C @ 3438'.

Liner top @ 3342'

111 jts of 2 7/8", 6.5#, J-55, EUE tbg as follows: 1 full jt, 2 – 10' pup jts, 2.28" F-Nipple @ 3564', 1 full jt, ½ muleshoe @ 3598' (200' 1/4" stainless steel chem cap string' strapped to outside of tbg).

3460' - 3470' (40 SHOTS)

3513' - 3568' (220 SHOTS)

7 jts 5-1/2", 17#, N-80 LT&C set @ 3665'

TD @ 3665' MD 3451'' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	212 cu.ft.	Surface
8-3/4"	7", 23#	490 sxs	998 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		