

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

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 _____		7. UNIT AGREEMENT NAME ROSA UNIT	
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 _____		8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #341	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		9. API WELL NO. 30-045-30200	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 513-6254		10. FIELD AND POOL, OR WILDCAT BASIN FRUITLAND COAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface: 2174' FSL & 350' FEL At top production interval reported below: At total depth: 2174' FSL & 735' FWL		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 SW/4 SEC 16-31N-6W	
14. PERMIT NO.		12. COUNTY OR SAN JUAN	
15. DATE SPUDDED 07/26/2000		13. STATE NEW MEXICO	
16. DATE T.D. REACHED 07/31/2000		19. ELEVATION CASINGHEAD	
17. DATE COMPLETED (READY TO PRODUCE) 10/20/2000		20. TOTAL DEPTH, MD & TVD 3588' MD	
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6411' GR		21. PLUG, BACK T.D., MD & TVD 3530' MD	
22. IF MULTICOMP., HOW MANY		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN FRUITLAND COAL 3466' - 3560'		ROTARY TOOLS x	
25. WAS DIRECTIONAL SURVEY MADE YES		CABLE TOOLS	
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.	
9-5/8" K-55		36#	
7" K-55		20#	
DEPTH SET (MD)		HOLE SIZE	
512'		12-1/4"	
3402'		8-3/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
240 SX - SURFACE		550 SX - SURFACE	
29. LINER RECORD			
SIZE		TOP (MD)	
5-1/2"		3288'	
BOTTOM (MD)		SACKS CEMENT*	
3561'		0 SX	
SCREEN (MD)		SIZE	
2-7/8"		3533'	
DEPTH SET (MD)		PACKER SET (MD)	
3466' - 3498', 3506' - 3520', 3528' - 3550', 3554' - 3560'		30. TUBING RECORD	
W/ 4 SPF (0.72") holes		31. PERFORATION RECORD (Interval, size, and number)	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)	
AMOUNT AND KIND OF MATERIAL USED		33. PRODUCTION	
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing	
WELL STATUS (PRODUCING OR SI) SI waiting on pipeline		DATE OF TEST	
TESTED		CHOKE SIZE	
3 hr		3/4"	
PROD'N FOR TEST PERIOD		OIL - BBL.	
190		GAS - MCF	
WATER - BBL.		GAS-OIL RATIO	
FLOW TBG PRESS		CALCULATED 24-HOUR RATE	
110		OIL - BBL.	
CASING PRESSURE		GAS - MCF	
360		1,521	
WATER - BBL.		OIL GRAVITY-API (CORR.)	
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 Nancy Ross TITLE Production Analyst DATE November 1, 2000

ACCEPTED FOR RECORD

NOV 30 2000

FARMINGTON FIELD OFFICE
BY [Signature]

37. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof, core 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	TOP		TRUE VERTICAL DEPTH
						NAME	MEASURED DEPTH	
OJO ALAMO	2696'	2805'						
KIRTLAND	2805'	3315'						
FRUITLAND	3315'	3470'						
TOP OF COAL	3470'							

ROSA UNIT #341
BASIN FRUITLAND COAL

Surface Location:

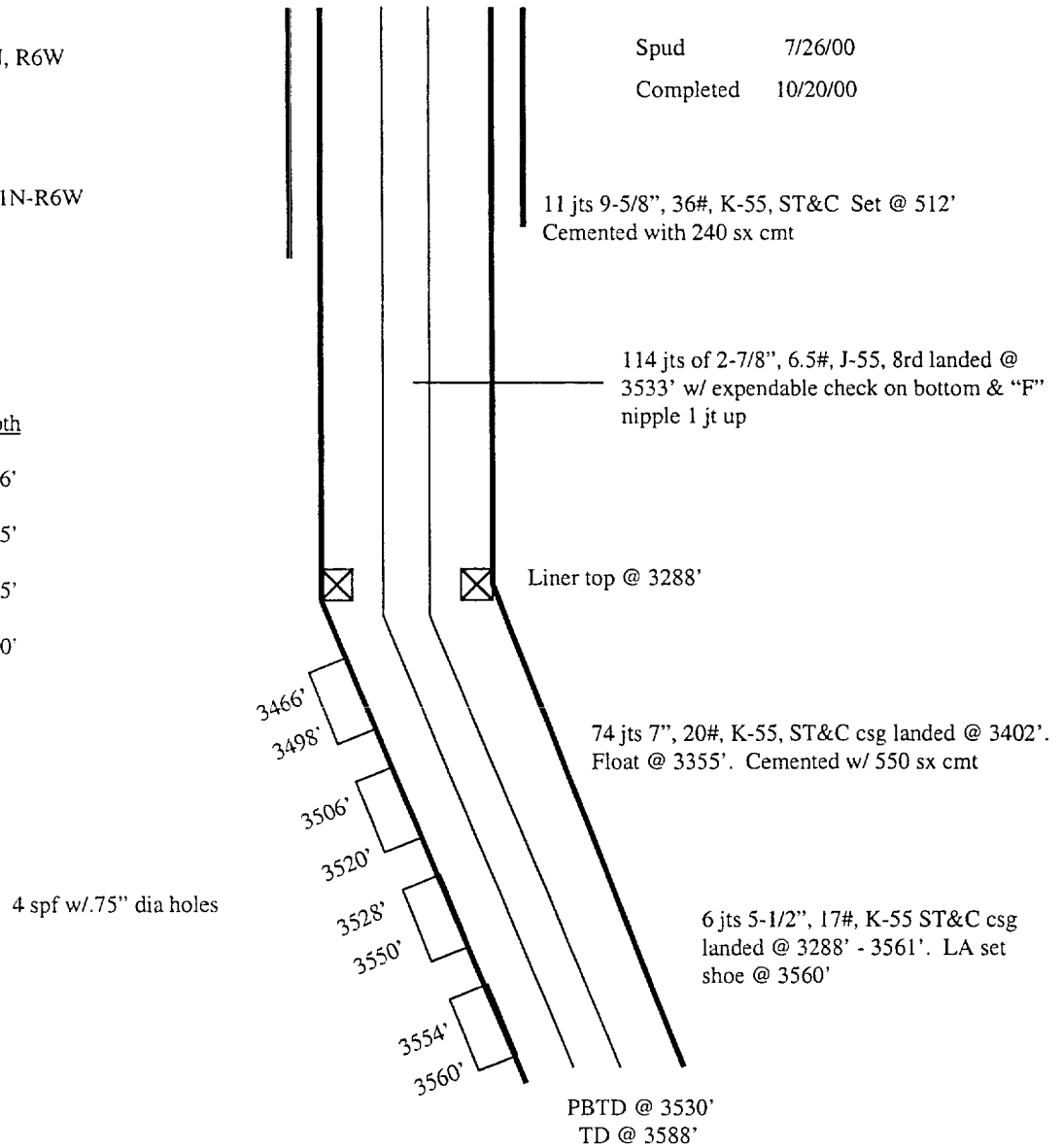
2174' FSL and 350' FEL
NE/4 SE/4 Sec 17(I), T31N, R6W
San Juan, New Mexico

Bottom Hole Location:

2174' FSL and 735' FWL
NW/4 SW/4 Sec 16(L), T31N-R6W
San Juan, New Mexico

Elevation: 6411' GR

<u>Top</u>	<u>Depth</u>
Ojo Alamo	2696'
Kirtland	2805'
Fruitland	3315'
Top of Coal	3470'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	240 sx	334 cu. ft.	Surface
8-3/4"	7", 23#	550 sx	1032 cu. ft.	Surface
6-1/4"	5-1/2", 17#	N/A	N/A	N/A