In Lieu of Form 3160-4 (July 1992)

UNITED STATES

DEPARTMENT OF THE INTERIOR 2 3 2008 DUPLICATE

BUREAU OF LAND MANAGEMENT During of Land Indiage (Security Instructions on During and Indiage (Security Instructions on Farmington Field Office)

FORM APPROVED

Expires	February 28,	1995					
ONID 110. 1004-0157							

5	LEASE DESIGNATION AND LEASE NO.
	NMSF-078764
_	TE DIDILATE ATTOMOR OR

15 DATE				Faiiii	ington Field Onk	Æ		MSF-078764		
TYPE OF WELL FOIL WELL NOR SWELL DRY OTHER	WEI	LL COMPLE	TION OR REC	OMPLETION RI	EPORT AND L	OC*	6 IF INDIAN, ALLO	ITEE OR		
Rosa Unit X NEW WELL WORKOVER DEPEN PLUG BACK DIFF RESVR OTHER WILLIAMS PRODUCTION COMPANY 1 SAME OF OPERATOR AT SURface 1935 FSR, 480 FWL, 5ex 20 (L), T31N, R5W At SURface 1935 FSR, 480 FWL, 5ex 20 (L), T31N, R5W At total depth. Same 2010 10 FELD AND POOL, OR Basin Frutland At total depth. Same 2010 10 FELD AND POOL, OR Basin Frutland 11 SEC. T, M, OR BLOCK NO SURVEY OR AREA SEC 20-31N-SW SURVEY OR AREA SEC 20-31N-SW 13 DATE SPUDDED 6-5-08 6-5-08 10 TOTAL BETTH, MO B YTO 3500 MD 3500 10 TOTAL BETTH, MO B YTO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD 3500 MD 3500 10 TOTAL BETTH, MO BY TO 3500 MD	44 751	COMIT DE	ZIO, ORREC	OMIT DESIGNATION TO	- CALL MID L	 	7 UNIT AGREEMEN	NT NAME		
NAME OF OPERATOR NAME OF OPERATOR STARM OR LEASE NAME, WILL	TYPE OF WE	ELL COIL WELL	\underline{X} GAS WELL	DRY OTHER						
S FARM OR LEASE NAME, WELL								_		
WILLIAMS PRODUCTION COMPANY Rosa Unit #32!	X NEW)	WELL WORKO	VER <u>D</u> EEPEN PLU	G BACK DIFF RESVR	OTHER		NAMM-	18407D-1C		
ADDRESS AND TELEPHONE NO P. O. Box 640, Aziec, NM 87410 (505) 634-4208 1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At 10p production interval reported below. ### PNL, Sec 20 (L), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 330 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W At 10p production interval reported below. #### PNL & 300 FWL, Sec 20 (E), T31N, R5W	NAME OF O	PERATOR					8 FARM OR LEASE	NAME, WELL NO		
P.O. Box. 640, Azice, NM 87410 (505) 634-4208 30-039-29881			WILLIAMS PRO	DUCTION COMPANY	7		Ro	sa Unit #321A		
IOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1935* FSL. & 480* FWL, Sec 20 (L), T31N, R5W At total depth. Same	ADDRESS A	ND TELEPHONE NO)				ı			
At Surface: 1935' FSL & 480' FWL, Sec 20 (L), T31N, R5W At top production interval reported below. 334' FNL & 330' FWL, Sec 20 (E), T31N, R5W At total depth. Same 3410' 11 SEC, T.R. M. OR BLOCK AND SURVEY OR AREA SEC 20-31N-SW EVERY OR AREA SEC 20-31N-										
At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total depth. Same At total		•	•		any State requirement	rs)*		*		
At total depth. Same 1 SEC, T, R, M. OR BLOCK AND SURVEY OR AREA SEC 20-31N-5W					20 (F) T31N R5W		Bası	n Fruitland Coal		
11 SEC, T, M, OR BLOCK AND SIZE VEHICLE 14 PERMIT NO DATE ISSUED 12 COUNTY OR 13 STATE 15 DATE 16 DATE TD 17 DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DK, RKB, RT, G, ETC) 19 ELEVATION CASING/IEAD 13 STATE 16 DATE TD 17 DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DK, RKB, RT, G, ETC) 19 ELEVATION CASING/IEAD 13 STATE 13 STATE 14 PERMIT NO 15 STATE 15 ST			•		20 (2), 13111, 10311		<u> </u>			
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SPUDDED 6.5-08 C 6.08		DATE TO	12 012 001 01	(BEADY TO PROPERCY	10 ELEVISOR ===	DVD DT CD TTC):		New Mexico		
0 TOTAL DEPTH, MD & TVD 3560' MD 3560' HOW MANY 23 INTERVALS 3560' MD 3560' HOW MANY 23 INTERVALS DRILLED BY 25 WAS DIRECTIONAL SURVEY 25 WAS DIRECTIONAL SURVEY 25 WAS DIRECTIONAL SURVEY 25 WAS DIRECTIONAL SURVEY 27 WAS WELL CORED NO 28 CASING SIZE/GRADE WEIGHT, LB /BT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMO 9-5/8", K-55 36.0# 3288' 8-3/4"** 499 SX - SURFACE 27 WAS WELL CORED NO 29 LINER RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) 22 -7/8", 6.5#, 1-55 3464' 22 -7/8", 6.5#, 1-55 3464' 24 -7/8", 6.5#, 1-55 3464' 25 -7/8", 6.5#, 1-55 3464' 26 -7/8", 6.5#, 1-55 3464' 26 -7/8", 6.5#, 1-55 3464' 27 WAS WELL CORED NO 27 WAS WELL CORED NO 27 WAS WELL CORED NO 28 WEIGHT, LB /BT DEPTH SET (MD) PACK 27 WAS WELL CORED NO 28 WEIGHT NO 28 WEIGH	SPUDDED RE	EACHED 2		` ,	1		19 ELEVATION CA	SINGHEAD		
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Basin Fruttland Coal. 3323' - 3460' YES	<u> </u>			NAME (MD AND TVD)*	<u> </u>	1	i	NAI SURVEY MADE		
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Flowing SI – waiting on tie	ODUCTION				1	L.,		Bar de Teo? E E Year		
Flowing SI – waiting on tie	DATE OF FIRST PRO	ODUCTION	PRODUC	CTION METHOD (Flowing, g	as lift, pumping-size and tvo	e of pump)	WELL STA	TUS (PRODUCING OR SI)		
DATE OF TEST TESTED CHOKE SIZE PRODY FOR TEST OIL - BBI. GAS - MCF WATER - BBI. GAS	Flo				SI – waiting on tie in					
	TE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO		
7-14-08 1 0 hrs 2" PERIOD	7-14-08	1 0 hrs	2"	PERIOD						
LOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF WATER - BBL OIL GRAV	W TBG PRESS CA	ASING PRESSURE	CALCULATED	24-HOUR RATE	OIL – BBI.	GAS – MCF	WATER - BBI.	OIL GRAVITY-API (CORR)		
000 - (4)						l		0.2 0		
0 0Z 42 oz 990 p/day		42 oz		T.	1	, , , , , , , , , , , , , , , , , , , ,	l			
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY. AI Rector	ISPOSITION OF GAS	(Sold, used for fuel, ve	ented, etc) TO BE SOLD		. –		TEST WITNESSED I	BY, Al Rector		
LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM	ST OF ATTACHMEN"	TTS SUM	MARY OF POROUS ZO	NES, WELLBORE DIAG	RAM		£			
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	hereby certify that the fo	foregoing and attached	information is complete and c	correct as determined from all a	vailable records		A	OCEPTED FOR INECORD		

TITLE Drig COM DATE 7-23-08

NMOCD $\theta_{\!\scriptscriptstyle \mathcal{D}}$

JUL 2 9 2008

FORMATION	ТОР	воттом	M DESCRIPTION, CONTENTS, ETC		NAME		ТОР	
						NAME	MEASURED · DEPTH	TRUE VERTICAL DEPT
						OJO ALAMO	2433'	
	•		}			KIRTLAND	2558'	
		ļ				FRUITLAND	2958'	
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Surface Location: 1935' FSL and 480' FWL NW/4 SW/4 Sec 20(L), T31N, R5W Rio Arriba, NM

Bottom Hole Location 2310' FNL and 330' FWL SW/4 NW/4 Sec 20(E), T31N, R5W Rio Arriba, NM

Elevation: 6339' GR API # 30-039-29881

MD Top Depth 2433' Ojo Alamo Kirtland 2558' Fruitland 2958'

ROSA UNIT #321A BASIN FRUITLAND COAL

Spud: 06/8/08

Completed: 07/17/08

1st Delivered. 00/00/00

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

72 jts 7", 23#, K-55, LT&C @ 3288'.

Liner top @ 3189'

Prod tbg as follows; 2-7/8" mud anchor, 2-7/8" tbg screen, 2.28 ID Fnipple, 103 jts 6.50#, J-55, EUE 8rd tbg, one 8' X 2-7/8" pup jt, one 6' X 2-7/8" pup jt, one jt 6.50#, J-55, EUE 8rd tbg, one jt 6.50#, J-55, EUE 8rnd pg. EOT @ 3464', F nipple @ 3437'

3323' - 3328'

3338' - 3358'

3375' - 3390'

2-1/2" X 1-1/4" X 8 X 12 RHAC

Open hole from 6-1/4" to 9-1/2" from 3298' to 3560'

3 -3/4 X 1-1/4" sinker rods, 95 -3/4" API D rods, 38-3/4" API D 2-1/2 guided rods, 1-8' pony rod, 1-

6' pony rod, 2-4' pony rods & 1-1/4" X 22' polished

rod w/ 10' X 1-1/2" liner

0.53", 4SPF

320 holes total

60jts 5-1/2", 17#, N-80 @3189' - 3467'. 3420' - 3460' pump TD @ 3560' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	155 sxs	219 cu.ft.	Surface
8-3/4"	7", 23#	499 s <i>x</i> s	961 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		