In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

FORM APPROVED OMB NO 1004-0137

Expires. February 28, 1995

s on	
	LEASE DESIGNATION AND LEASE

		UREAU OF LA	ND MANAGEME	,	See other instructions on everse side)		ATION AND LEASE NO IMSF-078772 —
	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND I	.OG*	6 IF INDIAN,ALLO	TTEE OR -
1a. TYPE b TYPE	OF WELL FOIL WELL OF COMPLETION NEW WELL WORKS	X GAS WELL	DRY OTHER		EIVED	7 UNIT AGREEMEN	NT NAME Rosa Unit
2 NAME	OF OPERATOR	WILLIAMS PRO	ODUCTION COMPANY	c OCT	3 0 2009	8 FARM OR LEASE	
3 ADDR	ESS AND TELEPHONE NO			Et annua a de		9 API WELL NO.	
		P.O. Box 640,	Aztec, NM 87410 (505	_{) 634} 4208 au of La	and Management		9-30755-00C3
At Su At top	rface. 2395' FSL & 1	720' FEL, sec 3, T3	and in accordance with a and in accordance with a and in R6W 5' FSL & 667' FEL, sec 3		(S)* IGU <u>VIIIUS</u>	1	POOL, OR WILDCAT nco Mesaverde R BLOCK AND
						SURVEY OR AF	
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR Rio Arriba	13. STATE New Mexico
15 DATE SPUDDED 8-24-09	16 DATE T D REACHED 9-10-09		D (READY TO PRODUCE) 0-28-09	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)* 55' GR	19 ELEVATION CAS	SINGHEAD
20 TOTAL DEPTH, 1 8258' MD	/ 8066' TVD	21 PLUG, BACK T D, 8250' MD / 8058'	TVD	22 IF MULTCOMP, HOW MANY 3 *	23. INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS
		,	M, NAME (MD AND TVD)*	raled with MC & DV	A 7T 2264	25 WAS DIRECTION YES	NAL SURVEY MADE
BLANCO MESA VERDE: 5582'-6198' MD Commingled with MC & DK per AZT-3264 26 TYPE ELECTRIC AND OTHER LOGS RUN Pulsed Neutron Decay Log and CBL						27. WAS WELL COR	ED
	(Report all strings set in wel IZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEM	MENTING RECORD	AMOUNT PULLED
10-3/4", J-55		40.5#	322'	14-3/4"	290 SX - S		10.000.1.022.00
7-5/8	", K-55	26 4#	3820'	9-7/8"	595 SX – S	URFACE	
4-1/2	", N-80	11.6#	8257'	6-3/4"	590 SX – 45	20' (CBL)	
29 LINER RECORD SIZE	TOP (MID)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			2 375", 4.7#, J-55 & N-80EUE 8rd	8044'	none
31 PERFORATION R	ECORD (Interval, size, and	number)		DEPTH INTERVAL	TURE, CEMENT SQUEEZE, AMOU	ETC JNT AND KIND OF MA	TERIAL USED
<i>Upper MV:</i> Tota	of 54, 0.34" holes			(MD) 5582'-5778' ·	Fraced with 83,000#	20/40 mesh BASF	EV'E VUN UIG 2MN
Lower MV Tota	al of 65, 0.34" holes			5820'-6198'	Fraced with 77,600#	20/40 mesh BASF	ST. 3
33 PRODUCTION							
DATE OF FIRS	T PRODUCTION	PRODU	JCTION METHOD (Flowing, ga	s lift, pumping-size and type	e of pump)	WELL STATUS (PRODUCING OR SI)	
			ing /		SI – waiting on tie-in		
DATE OF TEST 10-26-09	TESTED 2 hr	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	D 24-HOUR RATE	OIL - BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	310 lb				1629 mcf/d		
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	nted, etc) non flaring	<u></u>			TEST WITNESSED B	Y Buddy Banks
35 LIST OF ATTACH			ONES, WELLBORE DIAG		report	1000	500.050000
36 I hereby certify that	the foregoing and attached	nformation is complete and	correct as determined from all av	allable records		A000 100	TORRECORD
SIGNED_	arry f	rog -	TITLE I	Orlg COM DATE	10-30-09	NOV (1 4 2039

NMCCD M

FORMATION	ТОР	воттом	DESCRIPTION,	CONTENTS, ETC	NAME	V4.05	TOP	<u> </u>
						3743.00		
			1			NAME	MEASURED DEPTH	TRUE VERTICAL DEP
						LEWIS	3673'	3482'
	1					CLIFFHOUSE	5576'	5384'
						POINT LOOKOUT	5820'	5628'
						MANCOS	6296'	6104'
						GRANEROS	7926'	7734'
						DAKOTA	8053'	7861'
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UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

FORM APPROVED OMB NO 1004-0137

Expires: February 28, 1995

	E	BUREAU OF LA	ND MANAGEME	,	See other instructions on everse side)		ATION AND LEASE NO. NMSF-078772		
,	WELL COMPL	ETION OF PE	COMPLETION R	FPODT AND I	OC*	6. IF INDIAN,ALLC	TTEE OR		
la TYPE	OF WELL:	***************************************	DRY OTHER		CEIVED	7 UNIT AGREEME	NT NAME Rosa Unit		
	OF COMPLETION VEW WELL WORK								
2 NAME	OF OPERATOR	WILLIAMS PRO	DUCTION COMPANY	7	T 3 0 2009	8 FARM OR LEASE Rosa	NAME, WELL NO Unit COM #169D		
3. ADDR	ESS AND TELEPHONE N	О.		Famina	and Management	9 API WELL NO			
4. LOC	ATION OF WELL (D		Aztec, NM 87410 (505 and in accordance with a) 634-4208	- ICIG OTHOS		99-30755 -00C\ POOL, OR WILDCAT		
At Su At to	rface: 2395' FSL & 1	720' FEL, sec 3, T31		1	ts)*		Basin Dakota		
						SURVEY OR AI Sec 3	ea , T31N, R6W		
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR Rio Arriba	13 STATE New Mexico		
15 DATE SPUDDED 8-24-09	16 DATE T D REACHED 9-10-09	10-28-09 6355' GR					SINGHEAD		
20 TOTAL DEPTH,	MD & TVD / 8066' TVD	21 PLUG, BACK T D , 8250' MD / 8058'		22 IF MULTCOMP, HOW MANY 3 *	23. INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS		
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN DAKOTA: 8054'-8236' MD Commingled with MV & MC per AZT-3264						25 WAS DIRECTION YES	NAL SURVEY MADE		
26. TYPE ELECTRIC	AND OTHER LOGS RUN on Decay Log and CB		Containing of Wi	arm v arme per riz	31-3204	27 WAS WELL COR No	ED ,		
	(Report all strings set in wel					, , , , , , , , , , , , , , , , , , ,			
	IZE/GRADE 4", J-55	WEIGHT, LB /FT DEPTH SET (MD) 40.5# 322'		HOLE SIZE 14-3/4"	TOP OF CEMENT, CEM 290 SX - SU		AMOUNT PULLED		
7-5/8	", K-55	26.4#	3820'	9-7/8"	595 SX – SU	JRFACE			
4-1/2	", N-80	11.6#	8257'	6-3/4"	590 SX – 452	0' (CBL)			
29 LINER RECORD					30 TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2.375", 4 7#, J-55	DEPTH SET (MD) 8044'	PACKER SET (MD) none		
AL DEDUCE TOUR				and a great and a	& N-80EUE 8rd				
	ECORD (Interval, size, and r			DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZE, I AMOU	NT AND KIND OF MA	TERIAL USED		
Dukota 10ta 01	132, 0.34 notes			8054'-8236'	Fraced with 5000# 10 mesh BASF		wed with 116,300# 40/70		
					_		ONS. DIV.		
33 PRODUCTION						ī	151. 5		
DATE OF FIRS	PRODUCTION	PRODU	CTION METHOD (Flowing, gas	s lift, pumping-size and type	of pump)	WELL STAT	US (PRODUCING OR SI)		
			Flowi	ng 🖊		SI – waiting on tie-in			
DATE OF TEST 10-26-09	TESTED 2 hr	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO		
FLOW TBG PRESS 0	CASING PRESSURE 310 lb	CALCULATED	24-HOUR RATE	OIL - BBL	GAS – MCF 1002 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR)		
34 DISPOSITION OF	GAS (Sold, used for fuel, ver	nted, etc) non flaring				TEST WITNESSED BY	/ Buddy Banks		
35 LIST OF ATTACHI			NES, WELLBORE DIAGR		report	ACCEPTED	FOR RECORD		
	the foregoing and attached in	[H <	TIFLE D	rlg COM DATE _	10-30-09		4 2039		

cushion used, time tool open	, flowing and shut-in pressures, a	and recovenes)	ored intervals, and all drill-stem, tests, including depth interval tested,	38 GEOLOGIC MARKI					
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC	NAME		TOP			
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH		
					LEWIS	3673'	3482'		
					CLIFFHOUSE	5576'	5384'		
					POINT LOOKOUT	5820'	5628'		
					MANCOS	6296'	6104'		
					GRANEROS	7926'	7734'		
					DAKOTA	8053'	7861'		
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		,							

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In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED OMB NO. 1004-0137

(See other instructions on reverse side)

Expires: February 28, 1995

5 LEASE DESIGNATION AND LEASE N

				1	everse side)	ľ		
					*.			
1	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND L	OG*	7 I DUT A CREEKE	NEWARE	
la. TYPE	OF WELL: FOIL WELL	X GAS WELL	DRY OTHER			7. UNIT AGREEME		
				-			2.000	
<u>X</u> N	VEW WELL WORK	VER DEEPEN PI	UG BACK DIFF.RESVR	OTHER)		NMMM- 3	78407X-MC	
2 NAME	OF OPERATOR			u grand	LIMED	8 FARM OR LEASE	NAME, WELL NO.	
		WILLIAMS PRO	DDUCTION COMPANY	Y OCT	9.0 0000	Rosa	Unit COM #169D	
3 ADDR	ESS AND TELEPHONE N	0		061	<u> </u>	9 API WELL NO	·	
4 100	ATION OF WELL O				ros 8/10-1-1			
At Su At top	rface: 2395' FSL & 1 production interval r	720' FEL, sec 3, T3	N, R6W	Faimingto	m Field Office	E	Basin Mancos	
						SURVEY OR AF	EA '	
				14 PERMIT NO.	DATE ISSUED	12 COUNTY OR	13 STATE New Mexico	
15 DATE	D. Box 640, Aziec, NM 87410 (505) 634-4208 30-039-30755 • OCCA							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 11. TYPE OF WELL FOR WHILE AND A WELL AND A WELL FOR WHILE AND A WELL FOR WHILE AND A WELL FOR WHILE FOR WH								
		ELL COMPLETION OR RECOMPLETION REPORT AND LOG* PRODUCTION OR RECOMPLETION REPORT AND LOG* PRODUCTION COMPLETED PRODUCTION COMPLETE						
BASIN MAN	DUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* SIN MANCOS 7020'-7598' MD Commingled with MV & DK per AZT-3264						7. UNIT AGREEMENT NAME ROSA Unit NNNY- 7\$40 7\$. MC. 8 FARM OR LEASE NAME, WELL NO. ROSA Unit COM #169D 9 API WELL NO 30-039-30755 • JOC. 30-03-30-3075 • JOC. 30-03-30-30-30-30-30-30-30-30-30-30-30-3	
		L				No.		

		,					151.J	
	*******				`			
4-1/2	", N-80	11.0#	8257	6-3/4"	590 SX - 45.	20' (CBL)		
	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)		DEPTH SET (MD)	PACKER SET (MD)	
31 PERFORATION R	ECORD (Interval, size, and i	number)					TERIAL USED	
					7			
<u>Upper MC·</u> Tota	al of 87, 0 34" holes	•		7020'-7250'		00 mesh BASF follo	owed with 103,200# 40/70	
<i>Lower MC</i> · Tot	al of 93, 0.34" holes			7316'-7598'		00 mesh BASF follo	wed with 101,900#	
33 PRODUCTION		-						
DATE OF FIRS	T PRODUCTION	PRODU	ICTION METHOD (Flowing, ga	s lift, pumping-size and type	e of pump)	WELL STAT	US (PRODUCING OR SI)	
-			Flow	ing 🖊		SI - v	vaiting on tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO	
10-26-09	2 hr	3/4''	PERIOD					
		CALCULATE) 24-HOUR RATE	OIL – BBL	1	WATER - BBL	OIL GRAVITY-API (CORR)	
34 DISPOSITION OF	GAS (Sold, used for fuel, ver	nted, etc) non flaring				TEST WITNESSED B	' Buddy Banks	
35 LIST OF ATTACH	MENTS SUMN	MARY OF POROUS ZO	ONES, WELLBORE DIAGE	RAM, Directional EOW	report	ACCEPTED	FOR RECORD	

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

AIR DE COM DATE 10-30-09

NOV 0 4 2009

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FORMATION	ТОР	TOP BOTTOM DESCRIPTION, CONTENTS, ETC		NAME	ТОР			
. 0.0		D0110.11	,		HAME	NAME	MEASURED DEPTH	TRUE VERTICAL DEPT
						LEWIS	3673'	3482'
						CLIFFHOUSE	5576'	5384'
		,				POINT LOOKOUT	5820'	5628'
						MANCOS	6296'	6104'
						GRANEROS	7926'	7734'
				,		DAKOTA	8053'	7861'
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