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 NO

							NMSF-078767		
							6 IF INDIAN.ALLOTTEE OR		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*							7 UNIT AGREEMENT NAME		
ia. TYPE O	F WELL. I' OIL WELL	X GAS WELL	DRY OTHER	RE	CEWEL		Rosa Unit		
	F COMPLETION	<u></u> 0/10 // DDD	,,,, o,,,,	E #175		: /			
	WELL WORKOVER	DEEPEN PLUG B	ACK X DIFF RESVR	OTHER AT	TII/ 10 10 2022				
2 NAME (OF OPERATOR			N	UV 03 2009	8 FARM OR LEASE	NAME, WELL NO.		
		WILLIAMS PRO	DUCTION COMPANY	Burnau	māl mastan		osa Unit #72B		
3 ADDRE	SS AND TELEPHONE NO)			er Land Managem ington Field Office)			
			Aztec, NM 87410 (505)	034-4208		30-03	9-30336		
	-	•	and in accordance with a	iny State requirement	s)*	1	POOL, OR WILDCAT		
		00' FEL, sec 6, T31N eported below : 2126	i, R5 w 'FSL & 2306' FEL, sec	6. T31N. R5W		l B	asın Mancos		
•	depth: Same	eported below : 2120	100 00 2000 100,000	0, 75111, 11511					
						11 SEC, T.R.M., O			
					_	SURVEY OR AR	EA , T31N, R5W		
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR 13 STATE			
	16 DATETD.	12 DATE COMBIETE	D (READY TO PRODUCE)	18 ELEVATIONS (DK,	DVD DT CD ETC *	Rio Arriba	New Mexico		
15. DATE SPUDDED	REACHED	1	-30-09		4' GR	19 ELEVATION CASINGHEAD			
4-7-09	4-27-09			0354 GR					
20 TOTAL DEPTH, M	D & TVD / 8034' TVD	21 PLUG, BACK T.D. 8537' MD	MD & TVD	22 IF MULTCOMP , HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS		
		MPLETION - TOP, BOTTOM, NAME (MD AND TVD)*		3 *		25 WAS DIRECTION	NAL SURVEY MADE		
	COS. 7390' - 7793'		in managed in the contract of			YES	t		
	AND OTHER LOGS RUN	······		· · · · · · · · · · · · · · · · · · ·		27 WAS WELL COR	ED		
Aray Induction	i, Gamma Ray-Densi	ity-Neutron, Tempera	ture and CBL			No			
	Report all strings set in wel								
	ze/grade ", J-55	WEIGHT, LB /FT 40 5#	DEPTH SET (MD) 326'	HOLE SIZE	TOP OF CEMENT, CEM 290 SX - SU		AMOUNT PULLED		
7-5/8", J-55		26.4#	4180`	9-7/8"	680 SX – SU		· · · · · · · · · · · · · · · · · · ·		
5-1/2", N-80		17.0#	8546'	6-3/4"	325 SX – 440	00' (CBL)			
						P.CUI)	PO'P UTM		
29 LINER RECORD SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD SIZE		THE PACKER SET (MD)		
31212	101 (MD)	BOTTOM (MD)	SACKS CENIENT	SCREEN (MD)	2 375", 4.7#, J-55	0201			
					& N-80 EUE 8rd		157.3 none		
31. PERFORATION RI	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRACT DEPTH INTERVAL	TURE CEMENT SQUEEZE. AMOU	ETC INT AND KIND OF MAT	TERIAL USED		
				(MD)					
Unner Mancos: 1	otal of 66, 0 34" hol	lee .		72001 720 51	Fraced with 5000# 10	00 mesh BASF follo	mesh BASF followed with 101,600# 40/70		
Opper mineos.	00,054 10	ics		7390' – 7576'	mesh BASF		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
									
Lower Mancos. 1	otal of 63, 0.34" hol	les		7616' – 7793'	Fraced with 5000# 10	00 mesh BASF follo	owed with 99,400# 40/70		
					mesh BASF				
33 PRODUCTION NO	OTE: commingled wi	th Mesaverde and Da	ikota per AZT 3276						
DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, g				is lift, pumping-size and type	of pump)	WELL STATUS (PRODUCING OR SI)			
			Flow	ving -		S1 - waiting on tie-in			
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL.	GAS – MCF	WATER - BBL.	GAS-OIL RATIO		
10/29/09	1 hr	3/4"	PERIOD						
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	D 24-HOUR RATE	OIL - BBL.	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)		
0	350				1745 mcf/d	' Î			
34 DISPOSITION OF	GAS (Sold, used for fire)	ented, etc.) TO BE SOLD				TEST WITNESSED B	Y Buddy Banks		
35 LIST OF ATTACH			ONES, WELLBORE DIAG	RAM, Directional EOW	тероп!	7 200 2011 2 7 7 17 17 10 11 11			
			correct as determined from all a			D 987 45 197 7 1			
MA Mana (Za)							0 4 2009		
SIGNED	WIN IN	XUI -		IWOCD.	DATE11/2/09	ምም ያለ መመመስ ነው። የማመደመ መመመስ ነው	n sei nasca:		
		1				TATAL GARBLES AND STREET !!	STATE COLUMN TO BE STATE OF THE		

SUMMARY OF POROUS ZO cushion used, time tool open,	ONES (Show all important zon flowing and shut-in pressures, a	ies of porosity and contents thereo and recoveries)	f, cored intervals, and all drill-stem, t	ests, including depth interval tested	. 38 GEÓLOGIC MARKI	ERS		
FORMATION	ТОР	воттом	DESCRIPTION CONTENTS, ETC		NAME		ТОР	
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTI
						PICTURED CLIFFS	3641`	3137
						LEWIS	3978`	3468
						CLIFFHOUSE	5876`	5363
	¢.					MENEFEE	5953	5440
						POINT LOOKOUT	6132	5800`
						MANCOS	6608.	6096` .
-			f			DAKOTA	8402`	7888`
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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)

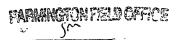
Expires: February 28, 1995

	LEASE DESIGNATION AND LEASE	ſ								
NMSF-078767										

				× _w			MSF-078767		
					-	6. IF INDIAN, ALL.OT	TEE OR		
· W	ELL COMPLE	TION OR REC	COMPLETION RI	EPORT AND L	O.G.				
la. TYPE O	F WELL F OIL WELL	X GAS WELL	DRY OTHER	REU	LIVED	7 UNIT AGREEMEN	Rosa Unit		
	F COMPLETION: WELL WORKOVER	DEEPEN PLUG BA	ACK X DIFF RESVR	OTHER NOV	03 2009				
2. NAME (OF OPERATOR					8 FARM OR LEASE !	NAME, WELL NO		
		WILLIAMS PRO	DUCTION COMPANY	Bureau of L	and Management	Ro	sa Unit #72B		
3 ADDRE	SS AND TELEPHONE NO)		Farming	and Mallagerions ion Field Office	9 API WELL NO			
		P.O. Box 640. A	Aztec, NM 87410 (505)			30-03	9-30336		
4. LOCA	TION OF WELL (Re		and in accordance with a		s)*	10. FIELD AND	POOL, OR WILDCAT		
At Sur	face: 2260' FSL & 60	00' FEL, sec 6, T31N	, R5W	•		Blan	nco Mesaverde		
•	•	eported below · 2126'	' FSL & 2306' FEL, sec	6, T31N, R5W			1		
At total	depth: Same					11 SEC , T ,R ,M , OF	D DI OCY AND		
					-	SURVEY OR AR			
						1	T31N, R5W		
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE New Mexico		
	16 DATE T D	17 DATE COMPLETE	(READY TO PRODUCE)	18. ELEVATIONS (DK.	DVD DT CD ETC *	Rio Arriba 19 ELEVATION CAS			
15 DATE SPUDDED	REACHED	ì	-30-09	1	34' GR	19 ELEVATION CAS	SINGREAD		
4-7-09	4-27-09	10	-30-07	055	or OK				
20 TOTAL DEPTH, M 8548' MD /	D&TVD 8034`TVD	21 PLUG, BACK T.D., 1 8537' M.D.	MD & TVD	22 IF MULTCOMP, HOW MANY 3 *	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS		
24 PRODUCING INTE	ERVAL(S), OF THIS COM	PLETION - TOP. BOTTOM	M, NAME (MD AND TVD)*	<u></u>	·	25 WAS DIRECTION	AL SURVEY MADE		
	SAVERDE. 5884'	6600' MD				YES			
	AND OTHER LOGS RUN		1.001			27 WAS WELL CORI	ED		
Aray Induction	i, Gamma Ray-Densi	ty-Neutron, Tempera	ture and CBL			No			
	Report all strings set in wel		***************************************			·			
CASING SIZE/GRADE		WEIGHT, LB /FT 40.5#	DEPTH SET (MD) 326'	HOLE SIZE	TOP OF CEMENT, CEM 290 SX - SI		AMOUNT PULLED		
10-3/4", J-55 7-5/8", J-55		26.4#	4180'	9-7/8"	1	-SURFACE RCVD MOV 9'09			
5-1/2", N-80		17.0#	8546`	6-3/4"		00, (CBT) [][[(
5-1/2 , N-80		17.0"	0340	0-3/4	323 3X - 44	DICT A			
29 LINER RECORD				L	30 TUBING RECORD		<u> </u>		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
					2.375", 4.7#, J-55 & N-80 EUE 8rd	8391	none		
31 PERFORATION RE	CORD (Interval, size, and	number)		32 ACID SHOT, FRAC	TURE, CEMENT SQUEEZE	ETC			
				DEPTH INTERVAL (MD)	JOMA	UNT AND KIND OF MATERIAL USED			
	,		Technol .			20/10 1 2 1 2 2			
<u>Upper Mesaverde</u>	Total of 54, 0.34"	holes		5884' – 6080'	Fraced with 80,080#	20/40 mesh BASF			
Lower Mesaverde: Total of 56, 0 34" holes				6124' – 6600'	Fraced with 81,732#	d with 81,732# 20/40 mesh BASF			
33 PRODUCTION NO	TE: commingled wi	th Mancos and Dakot	a per AZT 3276	L			· · · · · · · · · · · · · · · · · · ·		
DATE OF FIRST	PRODUCTION	PRODU	JCTION METHOD (Flowing, g.	as lift, pumping-size and typ	e of pump)	WELL STAT	US (PRODUCING OR SI)		
			Flow	zino.		SI – waiting on tie-in			
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL GAS - MCF		WATER - BBL GAS-OIL RATIO			
1			PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL KATIO		
10/29/09	1 hr	3/4"							
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	D 24-HOUR RATE	OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)		
0			i		1839 mcf/d		, , ,		
	350								
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented, etc) TO BE SOLD				TEST WITNESSED B	Y Buddy Banks		
35. LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report							THE RECORD		
36 I hereby control that	the foregoing and attached	mformation is complete and	correct as determined from all a	vailable records	5/1-7-1	301 ANY 1.2 LE . IL LE .	of in the same of		
SIGNED NIO	HNON 120	100	Titl C	Regulatory Specialist	DATE 11/2/00	AGNI	0 / 2000		

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UMMARY OF POROUS Zo	ONES. (Show all important zor flowing and shut-in pressures, a	ies of porosity and contents thereof and recoveries)	f, cored intervals, and all drill-stem, te	ssts, including depth interval tested	38 GEOLOGIC MARKER	5			
FORMATION	ТОР	воттом	DESCRIPTION C	CONTENTS, ETC	NAME		ТОР		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEP	
						PICTURED CLIFFS	3641	3137	
						LEWIS	3978	3468`	
						CLIFFHOUSE	5876`	5363	
						MENEFEE	5953	5440`	
						POINT LOOKOUT	6132	5800	
						MANCOS	6608	6096	
	:		1			DAKOTA	8402	7888	
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