In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

5	LEASE DESIGNATION AND LEASE NO

						N	MSF-078765
	WELL COMPL	ETION OR REG	COMPLETION R	EPORT AND I	OG*	6 IF INDIAN,ALLO	TTEE OR
	OF WELL OIL WELL		DRY OTHER		EIVED	7 UNIT AGREEME	NT NAME Rosa Unit
	OF COMPLETION VEW WELL WORKS	Web Deepen Di	HO DACK DIET BECKIN			Report t	. 1 .
 	OF OPERATOR	OVER DEEPEN PL	UG BACK DIFF RESVR		3 2009	8 FARM OR LEASE	NAME WIGH NO
2 NAME	OF OFERATOR	WILLIAMS PRO	DUCTION COMPANY	r			osa Unit #012D
3 ADDR	ESS AND TELEPHONE N	0		Swear of Lar	nd Management	9 API WELL NO	
		P.O. Box 640,	Aztec, NM 87410 (505	raimmoto	n Field Office		39-30699 -00E 1
	,		and in accordance with a	iny State requirement	ts)*	1	POOL, OR WILDCAT
		595' FEL, sec 15, T31 reported below 2494	IN, R6W ' FNL & 623' FEL, sec !	15 T31N R6W		1	Basin Dakota
	al depth: Same	reported below . 2 194	1110 00 025 1100, 300	15, 15111, 1011			
		,				11 SEC, T,R,M, O SURVEY OR AF	
						Sec 1	5, T31N, R6W
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE New Mexico
15 DATE	16 DATE T D	17 DATE COMPLETE	D (READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*	Rio Arriba 19 ELEVATION CA	L
SPUDDED 5-20-09	REACHED 6-1-09	7/	29/09		99' GR	ROVI	90° a aug
20 TOTAL DEPTH, N	MD & TVD	21 PLUG, BACK T D ,		22 IF MULTCOMP,	23 INTERVALS	ROTARY TOOLS	CABLE TOOLS
	/ 7945' TVD	8006' MD / 7940'		HOW MANY 3 *	DRILLED BY		CONS. DIV.
	ERVAL(S), OF THIS COM DTA. 7903' – 7992'	,	M, NAME (MD AND TVD)*				NAL SURVEY MADE
	AND OTHER LOGS RUN					27 WAS WELL COR	
Aray Inductio	n, Compensated Gan	ıma Ray-Density-Neu	tron, Temperature, Ultra	Sonic Gas Detector	and CBL	No	
	(Report all strings set in we IZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CE	MENTING RECORD	AMOUNT PULLED
	4", J-55	40.5#	315'	14-3/4"	290 SX - S		AMOUNT TOLDED
7-5/8	", K-55	26.4#	3678'	9-7/8"	620 SX – S	URFACE	
	", N-80	17.0#	8009'	6-3/4"	360 SX – 29	20' (CBL)	
	,					(022)	
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 EUE 8rd	1950.	none
31 PERFORATION R	ECORD (Interval, size, and	number)			TURE, CEMENT SQUEEZE,	, ETC UNT AND KIND OF MA	TERIAL LICER
<u>Dakota:</u> 7903' -	7992' Total of 75, 0.	.34" holes	ŀ	DEPTH INTERVAL (MD)	AMO	UNI AND KIND OF MA	TERIAL USED
				7903'-7992'	Frac with 5148# 100 mesh BASF	mesh BASF follow	ed with 113,780# 40/70
2 PRODUCTION B	ASIN DAKOTA RASIN M	ANCOS AND RI ANCO M	ESAVERDE FORMATIONS CO	DMMINGLED AND PROD	MICING LINDER AUTHOR	74TION DHC 47T-3193	
	F PRODUCTION						US (PRODUCING OR SI)
DATE OF FIRS	FRODUCTION	FRODU	CTION METHOD (Flowing, ga		e or pump)		varting on tie-in
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO
7/28/09	1 hr	3/8"	PERIOD				
LOW TBG PRESS	CASING PRESSURE	CALCULATED	24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	0				1954 mcf/d		
4 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented, etc.). TO BE SOLD				TEST WITNESSED B	Y Weldon Higgins
5 LIST OF ATTACHI			NES, WELLBORE DIAGR	RAM, Directional EOW	report		
		·	correct as determined from all av			ACCEPT	ED FOR NECORD
SIGNED W	DHILL K	Deal		Legulatory Specialist	DATE 08/03/00	4110	0 / 0000
100			NMÔ	OCD		AUG	0 4 2009

cushion used, time tool open,	flowing and shut-in pressures, a	nd recoveries)		ests, including depth interval tested,	38 GEOLOGIC MARKI				
FORMATION	ТОР	воттом	DESCRIPTION,	CONTENTS, ETC	NAME		ТОР		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH	
						PICTURED CLIFFS	3188'	3124'	
	į	1				LEWIS	3491'	3425'	
						CLIFFHOUSE	5384'	5318'	
		-				MENEFEE	5426'	5360'	
	_				 	POINT LOOKOUT	5671'	5605'	
						MANCOS	6082'	6016'	
				,		DAKOTA	7902'	7915'	
			}						
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	,								
					,				

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FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5	LEASE DESIGNATION AND LEASE NO
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FARMINGTON FIELD OFFICE

		_				i	NMSF-078765
		7707				6 IF INDIAN,ALLO	TTEE OR
	WELL COMPL	ETION OR REC	COMPLETION R	EPORT AND L	,OG*	7 UNIT AGREEME	NT NAME
la TYPE	OF WELL OIL WELL	X GAS WELL	DRY OTHER		EOEME	1	Rosa Unit
	OF COMPLETION				ECEIVE		
	VEW WELL WORK	OVER DEEPEN PL	JG BACK DIFF RESVR	OTHER		Report	to lease
2 NAME	OF OPERATOR				AUG 03 2009	8 FARM OR LEASE	NAMF, WELL NO.
		WILLIAMS PRO	DUCTION COMPANY				osa Unit #012D
3 ADDR	ESS AND TELEPHONE N	0		- Burea	tu of Land Manage	INOTAPI WELL NO	,
		P.O. Box 640,	Aztec, NM 87410 (505	rai	rmington Field Offi		39-30699 - Ooc a
4 LOCA	ATION OF WELL (R	eport location clearly	and in accordance with	any State requiremen	ts)*	10. FIELD AND	POOL, OR WILDCAT
		595' FEL, sec 15, T31	•			F	Basin Mancos
•	production interval : al depth: Same	reported below: 2494	'FNL & 623' FEL, sec	15, T31N, R6W			
At tou	и серии. Ваме					11 SEC , T ,R ,M , O	R BLOCK AND
						SURVEY OR AF	
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR	5, T31N, R6W
				14 FERMIT NO		Rio Airiba	New Mexico
15 DATE	16 DATE T D	17 DATE COMPLETED	O (READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*	19 ELEVATION CA	SINGHEAD
SPUDDED	REACHED 6-1-09	7/	29/09	629	99' GR	prin	AUG 6 '09
5-20-09 20 TOTAL DEPTH, N	L	21 PLUG, BACK T.D.	MD & TVD	22 IF MULTCOMP ,	23 INTERVALS	ROTARY TOOLS	CABLE TOOLS
	/ 7945' TVD	8006' MD / 7940'		HOW MANY 3 *	DRILLED BY	1	DNS. DIV.
24 PRODUCING INT	ERVAL(S), OF THIS COM	I MPLETION - TOP, BOTTO	M, NAME (MD AND TVD)*	3.	<u> </u>		NAL SURVEY MADE
	COS: 6805' – 7300'		<u></u>				IST 3
	AND OTHER LOGS RUN			0 1 0 5 1	1 CD4	27 WAS WELL COR	ED
Aray Inductio	n, Compensated Garr	ıma Kay-Density-Neu	tron, Temperature, Ultra	Sonic Gas Detector	and CBL	No	
	(Report all strings set in we		DEBUT OF (LED)	Love orac	Ton or deligate on	VENTENIA DECORD	A MOUNT DATE OF THE
	SIZE/GRADE 4", J-55	WEIGHT, LB /FT 40.5#	DEPTH SET (MD) 315'	HOLE SIZE 14-3/4"	TOP OF CEMENT, CEM 290 SX - S		AMOUNT PULLED
	", K-55	26.4#	3678'	9-7/8"	620 SX – SI		
5-1/2	", N-80	17.0#	8009'	6-3/4"	360 SX – 29 :	20' (CBL) -	
29 LINER RECORD	T mon (1 m)	T. normov () m	a Love on munt	Constitution	30 TUBING RECORD	L progression (1970)	Dicken con a my
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2.375", 4.7#, J-55	DEPTH SET (MD) 7950'	PACKER SET (MD) none
					EUE 8rd	,,,,,,	none
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL	TURE, CEMENT SQUEEZE,	ETC UNT AND KIND OF MA	TERIAL USED
	-		,	(MD)	AMO	SINT AND KIND OF MA	TERENE OSED
				6805' – 7055'	E		04.570#.40/70.4
<u>Upper Mancos.</u>	6805' - 7055' Total	of 54, 0.34" holes		0803 - 7033	Frac with 4104# 100	mesh followed whi	1 94,579# 40/70 Arizona
Lower Mancos:	7135' - 7300' Total	of 42, 0.34" holes					
				7135'-7300'	Frac with 5148# 100	mesh followed with	n 97,321# 40/70 Arizona
33 PRODUCTION BA	ASIN DAKOTA. BASIN M	ANCOS AND BLANCO MI	ESAVERDE FORMATIONS C	OMMINGLED AND PROF	UCING UNDER AUTHORI	ZATION DHC AZT-3192	,
DATE OF FIRS	T PRODUCTION	PRODU	CTION METHOD (Flowing, ga	as litt, pumping-size and type	e of pump)	1	US (PRODUCING OR SI)
	i		Flow	ring		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
7/28/09	1 hr	3/8"	PERIOD				
FLOW TBG PRESS	CASING PRESSURE	CALCULATED	24-HOUR RATE	OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	0				1954 mcf/d		
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented etc.) TO RE SOLD				TEST WITNESSED BY	Y Weldon Higgins
35 LIST OF ATTACH			NES. WELLBORE DIAG	RAM. Directional FOW	report /	Parameters.	
\			correct as determined from all av		Toport +	ACCE	PTED FOR RECORD
36 I hereby cartily that	The proposition and anached	niormation is complete and o					10 0 6 0000
SIGNED V	u with	ul	TITLE <u>I</u>	Regulatory Specialist	DATE <u>8/3/09</u>	I AU	IG 0 4 2009

NMOCD

DRMATION	ТОР	воттом	DESCRIPTION, (CONTENTS, ETC	NAME	PICTURED CLIFFS LEWIS CLIFFHOUSE	TOP MEASURED DEPTH 3188' 3491' 5384'	TRUE VERTICAL DEPTH 3124' 3425'
						PICTURED CLIFFS LEWIS	3188° 3491°	3124'
						LEWIS	3188° 3491°	
						}	ĺ	3425'
						CLIFFHOUSE	5384'	
								5318'
						MENEFEE	5426'	5360'
				1		POINT LOOKOUT	5671'	5605'
		l		,		MANCOS	6082'	6016'
ł						DAKOTA	7902,	7915'
		'						
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