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

5. LEASE DESIGNATION AND LEASE NO.

							MSF-0/8//2	
,	WELL COMPL	ETION OD DE	COMPLETION R	FPODT AND I	OC*	6. IF INDIAN, ALLO	TEE OR	
	WELL COMPL	ETION OR RE	COMPLETION			7. UNIT AGREEMEN	IT NAME	
	OF WELL COIL WELL	. X GAS WELL	DRY OTHER	المرافية		\ }	Rosa Unit	
	OF COMPLETION: V <i>EW WELL</i> WORK	OVER DEEPEN PL	UG BACK DIFF.RESVR	OTHER		Report	to lease	
2. NAME	OF OPERATOR			S	EP 29 2009	8 FARM OR LEASE	NAME, WELL NO.	
			DUCTION COMPANY	Litter our in it.	· · · · · · · · · · · · · · · · · · ·	I	osa Unit #89D	
3. ADDR	ESS AND TELEPHONE N		Aztec, NM 87410 (505	_ Fern	ingian Mild City	9. API WELL NO 30-03	9-30783-00CN	
4 LOC	ATION OF WELL (R		and in accordance with a		ts)*		POOL, OR WILDO	
At to			N, R6W ' FNL & 1815' FEL, sec	34, T32N, R6W		E	Basin Dakota	
At tot	al depth: Same	11 SEC, T,R,M, OR BLOCK AND SURVEY OR AREA Sec 34, T32N, R6W						
		DATE ISSUED	12 COUNTY OR 13 STATE					
16 D. (77)	16 DATE T D	17 DATE COMPLETE	D (READY TO PRODUCE)	18 ELEVATIONS (DK	RKB RT GR ETC)*	Rio Arriba	New Me	XICO
15 DATE SPUDDED	REACHED		-28-09		64' GR			
7-21-09 20 TOTAL DEPTH, 1	8-5-09	21 PLUG, BACK T D;	MD & TVD	22 IF MULTCOMP,	23 INTERVALS	ROTARY TOOLS	OCT 7'09 CABLE TOOLS	
,	/ 8347' TVD	8614' MD / 8336'		HOW MANY	DRILLED BY	1	OMS. DIV.	
			M, NAME (MD AND TVD)*			25 WAS DIRECTION		
	OTA: 8482'-8600' AND OTHER LOGS RUN	er AZT-3239	YES TICE 3					
Aray Induction	on, Compensated Garr	ıma Ray-Density-Neu	stron and CBL			No		
	(Report all strings set in we							
	SIZE/GRADE '4'', J-55	WEIGHT, LB/FT 40.5#	DEPTH SET (MD) 317'	HOLE SIZE 14-3/4"	TOP OF CEMENT, CEM 290 SX - SU		AMOUNT PULI	LED
7-5/8", K-55		26.4#	4197'	9-7/8"	710 SX – SU	SURFACE		
	.", N-80	17.0#	8623'	6-3/4"	385 SX -376	760' (CBL)		
29 LINER RECORD		<u></u>	L		30 TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2.375", 4.7#, J-55	DEPTH SET (MD) 8511'	PACKER SET (N	MD)
					& N-80 EUE 8rd		none	
1. PERFORATION R	RECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL	TURE, CEMENT SQUEEZE, AMOU	ETC INT AND KIND OF MAT	FERIAL USED	
Dakota: Total of	f 75, 0.34" holes 🗸			(MD)				
				8482'-8600'	Fraced with 5000# 10 mesh BASF	00 mesh BASF follo	wed with 113,600#	40/70
						`		
33 PRODUCTION								
DATE OF FIRS	T PRODUCTION	PRODU	ICTION METHOD (Flowing, ga	is lift, pumping-size and type ing	e of pump)		US (PRODUCING OR SI) vaiting on tie-in	,
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATI	Ю
9-26-09 🗸	l hr	2"	PERIOD					
LOW TBG PRESS	CASING PRESSURE	CALCULATEI	D 24-HOUR RATE	OIL BBL	GAS – MCF	WATER - BBL.	OIL GRAVITY-API ((CORR)
0	180 lb			·	259 mcf/d √			
4 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented, etc) TO BE SOLD				TEST WITNESSED BY	Buddy Banks	
5 LIST OF ATTACH	MENTS SUMI	MARY OF POROUS ZO	ONES, WELLBORE DIAG	RAM,		ACCEPTE	D FOR RECORD	
6 I hereby certify that	the foregoing and attached	information is complete and	correct as determined from all av	ailable records				
SIGNED	my the	SEP 3 0 2009						

NMOCD 15

FARMINGTON FIELD OFFICE BY TL Salvers

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPI
			٨			PICTURED CLIFFS	3728'	3450'
	:	1				LEWIS	4026'	3749'
		,				CLIFFHOUSE	5962'	5684'
						MENEFEE	6012'	5734'
						POINT LOOKOUT	6211'	5933'
						MANCOS	6706'	6428'
						DAKOTA	8482'	8204'
,								
		,					-	
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		-	-					
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In Lieu of Form 3160-4 (July 1992)

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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

ί.	LEASE DESIGNATION AND LEASE NO
	NIMSE_078777

NMSF-07877. 6 IF INDIAN, ALLOTTEE OR WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 7 UNIT AGREEMENT NAME TYPE OF WELL: FOIL WELL X GAS WELL OTHER Rosa Unit DRY TYPE OF COMPLETION SEP 29 2009 X NEW WELL WORKOVER DEEPEN Report PLUG BACK DIFF RESVR NAME OF OPERATOR 8 FARM OR LEASE NAME, WELL NO Rosa Unit #89D WILLIAMS PRODUCTION COMPANY -A BAF IF ADDRESS AND TELEPHONE NO. 9. API WELL NO 30-039-30783-0062 P.O. Box 640, Aztec, NM 87410 (505) 634-4208 10 FIELD AND POOL, OR WILDCAT LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 600' FNL & 645' FEL, sec 34, T32N, R6W Basın Mancos At top production interval reported below: 1143' FNL & 1815' FEL, sec 34, T32N, R6W At total depth: Same 11 SEC, T,R,M, OR BLOCK AND SURVEY OR AREA Sec 34, T32N, R6W DATE ISSUED 12. COUNTY OR 14 PERMIT NO 13 STATE New Mexico Rio Arriba 17 DATE COMPLETED (READY TO PRODUCE) 16 DATE T D 15. DATE 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 19 ELEVATION CASINGHEAD REACHED 9-28-09 6664' GR SPUDDED 8-5-09 7-21-09 20 TOTAL DEPTH, MD & TVD 21. PLUG, BACK T D, MD & TVD CABLE TOOLS 22 IF MULTCOMP, 23 INTERVALS ROTARY TOOLS 8625' MD / 8347' TVD 8614' MD / 8336' TVD HOW MANY DRILLED BY * RCUI | OCT 7 '09 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25 WAS DIRECTIONAL SURVEY MADE BASIN MANCOS: 7400'-7840' MD YESOTI COME DILL Commingled with Mesaverde and Dakota per AZT-3239 26. TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED Aray Induction, Compensated Gamma Ray-Density-Neutron and CBL DIST. 3 28 CASING REPORT (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB/FI DEPTH SET (MD) TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED HOLE SIZE 10-3/4", J-55 40.5# 317 14-3/4" 290 SX - SURFACE 7-5/8", K-55 26 4# 4197 710 SX - SURFACE 9-7/8" 5-1/2", N-80 17 0# 8623 385 SX ~3760' (CBL) 6-3/4" 29 LINER RECORD 30 TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2.375", 4 7#, J-55 8511' none & N-80 EUE 8rd 31 PERFORATION RECORD (Interval, size, and number) 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) Upper Mancos. Total of 78, 0 34" holes Fraced with 5000# 100 mesh BASF followed with 109,100# 40/70 7400'-7650 mesh BASF Lower Mancos Total of 51, 0.34" holes Fraced with 5000# 100 mesh BASF followed with 99,400# 40/70 7700'-7840 mesh BASF 33 PRODUCTION

DATE OF FIRS	DATE OF FIRST PRODUCTION		UCTION METHOD (Flowing, ga	WELL STATUS (PRODUCING OR SI) SI – waiting on tie-in ✓			
		Flowing 🗸					
DATE OF TEST 9-26-09 √	TESTED 1 hr	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS – MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL – BBL	GAS - MCF 398 mcf/d ✔	WATER - BBL.	OIL GRAVITY-API (CORR.)
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	nted, etc) TO BE SOLD				TEST WITNESSED B	Y Buddy Banks

35 LIST OF ATTACHMENTS:

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM,

ACCEPTED FOR RECORD

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED _ TITLE <u>Drlg COM </u> DATE <u>9-29-09</u>

SEP 3 0 2009

NMOCD W

FARMINGTON FIELD OFFICE BY TL Salvers

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

				re	everse side)		TION AND LEASE NO. MSF-078772
						6. IF INDIAN,ALLO	
	WELL COMPLI	ETION OR REC	COMPLETION R	EPORT AND L	OG*		-
1a. TYPE	OF WELL. FOIL WELL	<u>X</u> GAS WELL	DRY OTHER	P.V.	KUELVEL	7 UNIT AGREEMEN	Rosa Unit
	OF COMPLETION /EW WELL WORKO	VER DEEPEN PLU	IG BACK DIFF RESVR	OTHER S	FP 29 2009	NMNM-	VM-4F048F
2. NAME	OF OPERATOR				·	8 FARM OR LEASE	NAME, WELL NO.
		WILLIAMS PRO	DUCTION COMPANY		100 15000 17000 1700	Ro Ro	sa Unit #89D
3 ADDR	ESS AND TELEPHONE NO	D.		h O i	we will be seen to	9 API WELL NO	
			Aztec, NM 87410 (505)				9-30783-00C3
At Su At top	rface: 600' FNL & 64	15' FEL, sec 34, T32N	and in accordance with a f, R6W FNL & 1815' FEL, sec		(s)*	Blan	POOL, OR WILDCAT nco Mesaverde
						11. SEC , T ,R ,M , OI SURVEY OR AR	
						Sec 34	1, T32N, R6W
				14 PERMIT NO	DATE ISSUED	12. COUNTY OR Rio Arriba	13. STATE New Mexico
15 DATE	16 DATET D	17 DATE COMPLETED	(READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*	19. ELEVATION CAS	INGHEAD
SPUDDED 7-21-09	REACHED 8-5-09	9-:	28-09		64' GR		OCT 7 '09
	/ 8347' TVD	21 PLUG, BACK T.D., 1 8614' MD / 8336'	ΓVD	22 IF MULTCOMP, HOW MANY 3 *	23 INTERVALS DRILLED BY	ROTARY TOOLS X TITLE	CABLE TOOLS ONS DILL
		PLETION - TOP, BOTTON			A CTT 2020	25 WAS DIRECTION	
	SAVERDE: 5976'~ AND OTHER LOGS RUN		Commingled with	Mancos and Dakota	ser AZ1-3239	YES 13	<u>191. 3</u>
Aray Induction	n, Compensated Gam	ıma Ray-Density-Neu	ron and CBL			No	
	(Report all strings set in well IZE/GRADE	l) WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEM	MENTING RECORD	AMOUNT PULLED
	4", J-55	40 5#	317'	14-3/4"	290 SX - SI		
7-5/8	", K-55	26 4#	4197'	9-7/8"	710 SX – SU	JRFACE	
5-1/2	", N-80	17 0#	8623'	6-3/4"	385 SX376	60' (CBL)	
2012					30 TUBING RECORD		
29 LINER RECORD SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MID)
					2.375", 4 7#, J-55 & N-80 EUE 8rd	8511'	none
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL	TURE, CEMENT SQUEEZE,	ETC JNT AND KIND OF MAT	ECDIAL LICED
				(MD)	AIVIOC	ON I AND KIND OF MAI	ERIAL USED
Upper MV: Tota	of 43, 0.34" holes	,		5976'-6171'	Fraced with 104,396#	# 20/40 mesh BASF	
Lower MV: Tota	of 54, 0 34" holes	•		6203'-6516'	Fraced with 87,700#	20/40 mesh BASF	
33 PRODUCTION							
DATE OF FIRS	T PRODUCTION	PRODU	CTION METHOD (Flowing, ga	s lift, pumping-size and type	e of pump)	WELL STAT	US (PRODUCING OR SI)
		•	Flow			SI – w	vaiting on tie-in
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS MCF	WATER - BBL	GAS-OIL RATIO
9-26-09 J	1 hr	2"	PERIOD				
FLOW TBG PRESS	CASING PRESSURE	CALCULATED	24-HOUR RATE	OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	180 lb				420 mcf/d √		
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	nted, etc) TO BE SOLD	L			TEST WITNESSED BY	7. Buddy Banks
35 LIST OF ATTACH	MENTS SUM	MARY OF POROUS ZO	NES, WELLBORE DIAGE	RAM,			7
26 11 1 15 1			1. 1	111 /		- H ACCEN	TED FOR RECORD

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

TITLE Drlg COM DATE 9-29-09

FARMINGTON FIELD

FORMATION	тор	воттом	BOTTOM DESCRIPTION, CONTENTS, ETC		NAME		тор	
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPT
						PICTURED CLIFFS	3728'	3450'
						LEWIS	4026'	3749'
	:					CLIFFHOUSE	5962'	5684'
						MENEFEE	6012'	5734'
						POINT LOOKOUT	6211'	5933'
						MANCOS	6706'	6428'
						DAKOTA	8482'	8204'
	<u>'</u>						Ì	