In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

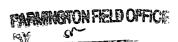
(See other instructions on

FORM APPROVED OMB NO 1004-0137 Expires February 28, 1995

	MARY OF POROUS ZO						
FGAS (Sold, used for fuel, ve	ented, etc) TO BE SOLD				TEST WITHEST BOTH	YO Charles billiance in the	
						CAD DECAR	
400 lb				926 p/day			
CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL – BBL.	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)	
		PERIOD					
TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS MCF	WATER - BBL	GAS-OIL RATIO	
*		, Flow	ing	i		SI	
ST PRODUCTION	WELL STAT	TUS (PRODUCING OR SI)					
Commingled with M	1esa Verde and Dako	ta per AZT-3246				IST 3	
		A770 0015	7270'-7430'	BASF	OIL CONS. DIV.		
Lower Mancos: Total of 51, 0.34" holes				BASF RCUD QCT 21 '09 Fraced with 5000# 100 mesh BASF followed with 97,300# 40/70			
Total of 51, 0 34" ho	bles		(MD) 6965'-7190'		00 mesh BASF, fol	lowed w/104,000# 40/70	
RECORD (Interval, size, and	number)	***************************************	DEPTH INTERVAL	TURE, CEMENT SQUEEZE,		TERIAL USED	
				2.375", 4 7#, J-55 & N-80EUE 8rd	8170'	none	
TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
	L	<u> </u>		10. THE IDEA OF THE OFF			
2 , 11-00	17#	0203	0-3/4	493 SX - 4330 (CBL)			
		3818'	9-7/8"	580 SX - S	SX – SURFACE		
CASING SIZE/GRADE WEIGHT, LB /FT DEPTH SET (N 10-3/4", K-55 40 5# 324'			14-3/4"	250 SX - SURFACE		AMOUNT FULLED	
		DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT CE	MENTING RECORD	AMOUNT PULLED	
ma nay-density-neutron, Con	impensated Duei Neutron, Co	льсяг вола Log			INU		
		ement Rond Log			1	ED	
BASIN MANCOS 6965'-7430'						YES	
			3 *	L DIGILLED BY	1	NAL SURVEY MADE	
, MD & TVD			22 IF MULTCOMP,	23 INTERVALS	ROTARY TOOLS	CABLE TOOLS	
REACHED	l .	, ,	,				
16 DATE T.D	17 DATE COMPLETE	D (READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*		<u> </u>	
			14 PERMIT NO.	DATE ISSUED	12 COUNTY OR	13 STATE New Mexico	
					SURVEY OR AREA SW/4 SW/4, Sec 11, T31N, R6W		
наг перш-заше					11 SEC, T,R,M, OR BLOCK AND		
op production interval i							
,		SIN MANCOS					
ATION OF WELL (P		30-039-30179 10 FIELD AND POOL, OR WILDCAT					
RESS AND TELEPHONE N	9 API WELL NO						
E OF OFERATOR	1	8 FARM OR LEASE NAME, WELL NO Rosa Unit #009C					
	OVER DEEPEN PL	UG BACK DIFF RESVR	OTHER OC	1 1 4 200		NAME WELL NO	
E OF WELL FOIL WELL	X GAS WELL	DRY OTHER	, CALL AGREEME	Rosa Unit			
WELL COMPL	ETION OR RE	COMPLETION R			7 IINIT ACREEME	NT NAME	
			r	everse side)		ATION AND LEASE NO NMSF-0787 <i>6</i> 9• 71	
	E OF WELL FOIL WELL E OF COMPLETION NEW WELL WORKE TO OF OPERATOR RESS AND TELEPHONE N CATION OF WELL (R Surface 380' FSL & 1: Op production interval otal depth: Same 16 DATE T.D REACHED 11/21/08 , MD & TVD D / 8138' TVD OTTERVAL(S), OF THIS CON NCOS 6965'-7430' C AND OTHER LOGS RUN ma Ray-Density-Neutron, Co T (Report all strings set in we ISIZE/GRADE 44", K-55 72", N-80 TOP (MD) TOP (MD) Total of 51, 0 34" ho Total of 51, 0.34" ho Commingled with N ST PRODUCTION TESTED 2 0 hr CASING PRESSURE 400 1b	E OF WELL FOIL WELL X GAS WELL E OF COMPLETION NEW WELL WORKOVER DEEPEN PL THE OF OPERATOR WILLIAMS PRO RESS AND TELEPHONE NO P.O. Box 640, CATION OF WELL (Report location clearly Surface 380' FSL & 1135' FWL, sec 11, T3 op production interval reported below: 402' onal depth: Same 16 DATE T.D REACHED 11/21/08 ND & TVD 21 PLUG, BACK T D NO / 8138' TVD 8215' MD / 8087' OF AND OTHER LOGS RUN IMMA RAY-Density-Neutron, Compensated Duel Neutron, Comma Ray-Density-Neutron, Compensated Duel Neutron, Compensated D	E OF WELL FOIL WELL X GAS WELL DRY OTHER E OF COMPLETION NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR WILLIAMS PRODUCTION COMPANY RESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505 CATION OF WELL (Report location clearly and in accordance with intrace 380' FSL & 1135' FWL, sec 11, T31N, R6W op production miterval reported below: 402' FSL & 438' FWL, sec 1 stal depth' Same 16 DATE T.D	WELL COMPLETION OR RECOMPLETION REPORT AND LED FOR WELL FOIL WELL & GAS WELL DRY OTHER E OF COMPLETION NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER E OF OFBRATOR WILLIAMS PRODUCTION COMPANY RESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208 CATION OF WELL (Report location clearly and in accordance with any State requirement with any State requirement with a condition interval reported below: 402° FSL & 438° FWL, sec 11, T31N, R6W and depth' Same 14 PERMIT NO. 16 DATE T.D REACHED 17 DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DM 631 11/21/08 10/6/09 18 ELEVATIONS (DM 631 11/21/08 19 PLUG, BACK T D, MD & TVD 10 REACHED 11/21/08 10 ATE T.D 10 ATE T.D 10 ATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DM 631 14 PERMIT NO. 14 PERMIT NO. 14 PERMIT NO. 15 ELEVATIONS (DM 631 17 REACHED HOW MANY 3* 15 CAND OTHER LOGS RUN ma Ray-Demay-Neutron, Compensated Duel Neutron, Cement Bond Log T (Report all strings set in well) SIZE/DGKADE WEIGHT, LB /FT DEPTH SET (MD) TOR (MD) BOTTOM (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) TOTAL of 51, 0.34" holes Commingled with Mesa Verde and Dakota per AZT-3246 ST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) TESTED CHOKE SIZE PRODUCTION METHOD (Flowing, gas lift, pumping-size and typ Flowing) RESORD (IL - BBL OIL - BBL	RESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208 ATTION OF WELL (Report location clearly and in accordance with any State requirements)* farface 380° FSL & 1135° FWL, see 11, T31N, R6W sup production interval reported below: 402° FSL & 438° FWL, see 11, T31N, R6W stal depth: Same 14 PERMIT NO.	WELL COMPLETION OR RECOMPLETION REPORT AND LOG* FOR WELL FOIL WELL **S GAS WELL** FOR COMPLETION OR RECOMPLETION REPORT AND LOG* FOR WELL FOIL WELL **S GAS WELL** FOR COMPLETION OR PRODUCTION COMPANY WILLIAMS PRODUCTION COMPANY FOR WELL **ORDORY BETTER OF THE PLOST BACK DIFF RESVER OTHER OF THE PRODUCTION COMPANY FOR WELL **ORDORY BETTER OF THE PRODUCTION COMPANY FOR WELL	

ation is complete and correct as determined from all available records

DATE <u>10-12-09</u>



TITLE Drilling COM

NMOCD PO

37 SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries) 38 GEOLOGIC MARKERS Will remediate prior to completing the MV FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC NAME TOP NAME MEASURED DEPTH TRUE VERTICAL DEPTH PICTURED CLIFFS 3334' 3209' LEWIS 3628' 3502' CLIFFHOUSE 5530' 5404' MENEFEE 5574' 5448' POINT LOOKOUT 5813' 5687' MANCOS 6232' 6106' DAKOTA 8006' 7878'

In Lieu of Form 3160-4 (July 1992)

SIGNED_

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE FORM APPROVED OMB NO. 1004-0137

(See other instructions on

Expires: February 28, 1995

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everse side)	5	LEASE DESIGNATION AND LEASE NO.
	١	NMSF-078769 71

				11 11 1		6 IF INDIAN,ALLO	TTEE OR	
,	WELL COMPL	ETION OR REC	COMPLETION R			o n nibbat,tebo	TILL ON	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG* OCT 14 2009						7 UNIT AGREEMENT NAME		
1a. TYPE	OF WELL COIL WELL		Rosa Unit					
	OF COMPLETION WEW WELL WORKS	OVER DEEPEN PLU	JG BACK DIFF RESVR		Series Since Contraction of the	न्मार		
2 NAME	OF OPERATOR	8 FARM OR LEASE NAME, WELL NO						
		WILLIAMS PRO	DUCTION COMPANY	7		Rosa Unit #009C		
3 ADDR	ESS AND TELEPHONE N	Ó				9 API WELL NO		
		P O. Box 640, A	Aztec, NM 87410 (505) 634-4208		30-039-30179		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							10. FIELD AND POOL, OR WILDCAT	
At Surface 380' FSL & 1135' FWL, sec 11, T31N, R6W At top production interval reported below: 402' FSL & 438' FWL, sec 11, T31N, R6W							BLANCO MESA VERDE	
At tot	al depth Same				•	11. SEC, T,R,M,C	R BLOCK AND	
						SURVEY OR AREA		
				LA PERMATANA	DATE ISSUED	SW/4 SW/4, Sec 11, T31N, R6W 12. COUNTY OR 13 STATE		
				14 PERMIT NO	DATE ISSUES	Rio Arriba	New Mexico	
15 DATE	16 DATE T D.	17 DATE COMPLETED	(READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*			
SPUDDED 10/28/08	REACHED 11/21/08	10/6/09			36' GR	RCVD GCT 21 '09		
20 TOTAL DEPTH, 1 8266' MD	MD & TVD /8138' TVD	21 PLUG, BACK T.D., 1 8215' MD / 8087'		22 IF MULTCOMP, HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS	
			M, NAME (MD AND TVD)*	3 *			NAL SURVEY MADE	
	ESA VERDE: 5540'-		i, italic (ind and 110)			YES DIST, 3		
	AND OTHER LOGS RUN					27 WAS WELL CORED		
Aray Induction, Gamma Ray-Density-Neutron, Compensated Duel Neutron, Cement Bond Log						No		
28 CASING REPORT	(Report all strings set in we	ll)				I		
***	SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEN 250 SX - SI		AMOUNT PULLED	
	· · · · · · · · · · · · · · · · · · ·							
7-5/8	7-5/8", J-55 26 4# 3818°			9-7/8"	580 SX – S			
5-1/2", N-80		17#	8265'	6-3/4"	495 SX – 4350' (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) 8170'	PACKER SET (MD) none	
					& N-80EUE 8rd	0170	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)	AVIO	JUNI AND KIND OF MATERIAL USED		
Upper MV: Tota	d of 49, 0 34" holes			5540'-5756'	Fraced with 73,310#	# 20/40 mesh BASF		
Lower MV: Total of 38, 0.34" holes 5814'-5906' Fraced with 85,308					Fraced with 85,308#	# 20/40 meshBASF		
33 PRODUCTION	Commingled with M	Mancos and Dakota per	l r AZT-3246					
				is lift numpma-size and time	e of numn)	WELL STAT	TUS (PRODUCING OR SI)	
DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)					SI			
	- Flowing							
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO	
10-4-09	2 0 hr	1/2"	PERIOD				-	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)	
0	400 lb				977 p/day			
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD							Y. Gary Spehn	
35 LIST OF ATTACH			NES, WELLBORE DIAGI				TI CHILIE COUNT	
36 I hereby certify that	the foregoing and attached	informations complete and o	correct as determined from all av	allable records	-	CCT	1 0 2000	

OCT 16 2009

PARMINGTON FIELD OFFICE 18 SA-

DATE 10-12-09

37 SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries) 38 GEOLOGIC MARKERS Will remediate prior to completing the MV FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC NAME NAME MEASURED DEPTH TRUE VERTICAL DEPTH PICTURED CLIFFS 3209' 3334' LEWIS, 3628' 3502' CLIFFHOUSE 5530' 5404' **MENEFEE** 5574' 5448' POINT LOOKOUT 5813' 5687' MANCOS 6232' 6106' DAKOTA 7878 8006'