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In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENTAU of Land Managamen

AUG 13 SUBMIT IN DUPLICATE

FORM APPROVED OMB NO. 1004-0137

Expires February 28, 1995

	, ,	OKLAO OF LAI	VD MANAOLMEI	Farmington Fict	esciple instructions on essessible)	I .	tion and lease no MSF-078766
v	VELL COMPLE	ETION OR REC	COMPLETION RI	EPORT AND LO)G*	6 IF INDIAN,ALLOT	TEE OR
· · · · · · · · · · · · · · · · · · ·	VEEL COMITE	TION OR REC	OMILIBRITORIA	CI OKI AND EX	33	7. UNIT AGREEMEN	T NAME
la TYPE C	DF WELL COIL WELL	<u>X</u> GẠS WELL	DRY OTHER				Rosa Unit
	OF COMPLETION EW WELL WORKO	VER DEEPEN PLU	JG BACK DIFF RESVR	OTHER		NAMM- 3	VM-A F0P8
	OF OPERATOR					8 FARM OR LEASE I	-
2 1011112	OF OF EIGHT OR	WILLIAMS PRO	DUCTION COMPANY			l .	sa Unit #138D
3 ADDRE	SS AND TELEPHONE NO)				9 API WELL NO	
		P.O. Box 640,	Aztec, NM 87410 (505)	634-4208		30-04	5-34959 - 00 c 3
4 LOCA	TION OF WELL (Re	eport location clearly	and in accordance with a	iny State requirements	s)*		POOL, OR WILDCAT
		20' FEL, sec 17, T31		TO IN DAIN		Blan	co Mesa Verde
	production interval related to the production inter	eported below : 913	FNL & 228' FEL, sec 17	7, 131N, R6W			
						11 SEC , T ,R.,M , OI	
						SURVEY OR AR	ea 7, T31N, R6W
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE
						San Juan	New Mexico
15. DATE SPUDDED	16 DATE T.D. REACHED	}	(READY TO PRODUCE)	18. ELEVATIONS (DK.	RKB, RT,GR,ETC)* 3' GR	19 ELEVATION CAS	INGHEAD
5-30-09	6-15-09		11-09	033.	5 GK		
20 TOTAL DEPTH, N 8373' MD	4D & TVD / 7971' TVD	21 PLUG, BACK T.D., 8360' M.D.	MD & TVD	22 IF MULTCOMP . HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS
24, PRODUCING INT	ERVAL(S), OF THIS COM	PLETION - TOP, BOTTO	M, NAME (MD AND TVD)*	3 *		25 WAS DIRECTION	AL SURVEY MADE
	Verde 5509' - 6314'	MD				YES	
	AND OTHER LOGS RUN	ıma Ray-Dencity-Neu	tron, Temperature, Ultra	Sonic Gas Detector a	and CBI	27 WAS WELL CORI	ED
	· ·		uon, remperature, ona	Some Gas Detector a		<u></u>	
	(Report all strings set in wel IZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEN	MENTING RECORD	AMOUNT PULLED
10-3/-	10-3/4", J-55 40.5# 355' 14-3/4" 290 SX - SURFACE						
7-5/8	-5/8", K-55 26.4# 4034' 9-7/8" 680 SX – SURFACE						
5-1/2	", N-80	17.0#	8370`	6-3/4"	390 SX - 33	32` (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) 8305'	PACKER SET (MD) none
					EUE 8rd	. 8303	none
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT FRACT DEPTH INTERVAL	URE, CEMENT SQUEEZE,	ETC UNT AND KIND OF MA	PERIAL LICED
				(MD)	AWK)		
CH/Man 5500'	- 5932' Total of 57,	0.24" halas		5509'-5932'	Fraced with 73,307#	20/40 mesh-BASE	
<u>Сн/мен.</u> 3309	~ 3932 Total of 37,	, 0.34 Holes		00113 0702		KUD	<u> </u>
DLO. 60102 63	14) Total of 54 0 2	1" halas		6010'-6314'	Fraced with 83,304#	20/40 mesh BASF	
	14' Total of 54, 0.34	+ noies		0010 05.1			OMS. DIV.
33 PRODUCTION	To be commingled y	with M & DK per A	ZT-3206				MST. 3
DATE OF FIRS	T PRODUCTION	PRODU	CTION METHOD (Flowing, ga	as lift, pumping-size and type	of pump)	WELL STAT	US (PRODUCING OR SI)
			Flow	ring		· SI – v	vaiting on tie-in
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OlL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO
8-11-09	2 hr	26/64"	PERIOD				
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	O 24-HOUR RATE	· OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0		CALCOLATE		0.2 BB1	900 mcf/d	,	S.E GIGTTI T-MIT(CORN)
	625 psi				•		
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented, etc) TO BE SOLD	Note: Flow rest for	all 3 zones		TEST WITNESSED B	Y Craig Ward

35 LIST OF ATTACHMENTS.

TITLE Drlg COM DATE 8-13-09

ACCEPTED FOR RECORD

AUG 17 2009

FARMENOTON FIELD OFFICE

SUMMARY OF POROUS ZONES - NOTE · WELLBORE DIAGRAM, Directional EOW report attached to completion sundry

FORMATION	ТОР	вогтом	DESCRIPTION CONTENTS, ETC		NAME		ТОР		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEP	
						PICTURED CLIFFS	3592'	3194'	
						LEWIS	3900'	3499'	
						CLIFFHOUSE	5732'	5331'	
						MENEFEE	5776'	5375'	
						POINT LOOKOUT	6017'	5616'	
						MANCOS	6527'	6125'	
						DAKOTA	8255'	7853'	
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Form 3160-4

UNITED STATES DEPARTMENT OF THE INTERIORS.

AUG 188BMOGN DUPLICATE

FORM APPROVED OMB NO 1004-0137

(July 1992)				E MANAGEMEN	Surgau of Land	Managa	Expires Februar	y 28, 1995
		В	UREAU OF LAN	ND MANAGEMEN	Famington	registro filos	N	TION AND LEASE NO MSF-078766
	13	ELL COMPLE	TION OD DEC	OMPLETION R	EDODT AND L	···	6 IF INDIAN.ALLO	TTEE OR
		ELL COMPLI	ETION OR REC	OWIT LETION K.	EFORT AND L	OG.	7 UNIT AGREEMEN	JT NAME
la	TYPEO	F WELL POIL WELL	X GAS WELL	DRY OTHER				Rosa Unit
ь		F COMPLETION						
		E <i>W WELL</i> worko	VER DEEPEN PLU	G BACK DIFF RESVR	OTHER		Report	to lease
2	NAME (OF OPERATOR	•				8.FARM OR LEASE	NAME, WELL NO.
			WILLIAMS PRO	DUCTION COMPANY	7		Ro	sa Unit #138D
3	ADDRE:	SS AND TELEPHONE NO)				9 API WELL NO.	
				Aztec, NM 87410 (505				5-34959-00cz
4		,		and in accordance with a	any State requirement	s)*	10. FIELD AND	POOL, OR WILDCAT
	At top	production interval r	320' FEL, sec 17, T31 reported below . 913' l	N, R6W FNL & 228' FEL, sec 1'	7, T31N, R6W		В	asın Mancos
	At total	depth Same					11 SEC., T ,R ,M., O	R BLOCK AND
							SURVEY OR AR	
						T		7, T31N, R6W
					14 PERMIT NO	DATE ISSUED	12 COUNTY OR San Juan	13 STATE New Mexico
15. DATE					18 ELEVATIONS (DK	, RKB, RT,GR,ETC.)*	19 ELEVATION CA	SINGHEAD
5-30-09	SPUDDED REACHED 8-11-0930-09 6-15-09					33' GR		
20 TOTAL D 8373		D & TVD 7971` TVD	21 PLUG, BACK T.D. 1 8360' M.D	MD & TVD	22 IF MULTCOMP. HOW MANY 3 *	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS
				I, NAME (MD AND TVD)*			25 WAS DIRECTION	NAL SURVEY MADE
26 TYPE ELI	Tancos ECTRIC	7210' - 7599' MD AND OTHER LOGS RUN	.				YES 27 WAS WELL COR	ED
				tron, Temperature, Ultra	Sonic Gas Detector	and CBL	No	
		Report all strings set in wel		Depart ce c (4 fb)	Lucinara	T mon or or writing or	(EVENUE DECORE)	L AVOID TO NUMBER OF
C/		ZE/GRADE ", J-55	WEIGHT, LB/FT 40.5#	DEPTH SET (MD) 355'	HOLE SIZE 14-3/4"	TOP OF CEMENT CEI 290 SX - S		AMOUNT PULLED
		°, K-55	26 4#	4034'	9-7/8"	680 SX - S		
		, N-80	17 0#	8370'	6-3/4"	390 SX - 33		
		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0 3	3.03.1 33		
29 LINER RE	CORD					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 EUE 8rd	8305	none -
31 PERFORA	ATION RI	CORD (Interval, size, and	number)			TURE, CEMENT SQUEEZE,		
					DEPTH INTERVAL (MD)	AMO	UNT AND KIND OF MA	TERIAL USED
<u>Upper Mar</u>	ncos_	7210' – 7400' Total	l of 60, 0 34" holes	•	7210'-7400'	Fraced with 9,498# mesh BASF		owed with 94,691# 40/70 AUG 18 '09
		493' -7599' Total o	of 48, 0 34" holes		7493'-7599'	Fraced with 4,718# BASF		owed with 84,215# 40/70 CONS. DIV.
33 PRODUCT	ION	To be communated a	with MV & DK per A	ZT-3206				0151.3
DATE	OF FIRS	PRODUCTION		CTION METHOD (Flowing, g	as lift, pumping-size and typ	e of pump)	WELL STAT	'US (PRODUCING OR SI)

Flowing SI - waiting on tie-in PROD'N FOR TEST WATER - BBL GAS-OIL RATIO DATE OF TEST TESTED CHOKE SIZE OIL - BBL GAS - MCF PERIOD 26/64" 8-11-09 2 hr FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF WATER - BBL. OIL GRAVITY-API (CORR) 900 mcf/d 🖊 625 psi TEST WITNESSED BY Craig Ward Note Flow rest for all 3 zones 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES - NOTE WELLBORE DIAGRAM, Directional EOW report attached to completion standarccepted for Record

plete and correct as determined from all available records 36 I hereby certify that the foregoing and attached information

TITLE Drig COM DATE 8-13-09

NMOCD

AUG 17 2009

SUMMARY OF POROUS ZO cushion used, time tool open.	ONES (Show all important zon flowing and shut-in pressures, a	nes of porosity and contents thereof and recoveries)	, cored intervals, and all drill-stem test	s, including depth interval tested,	ed. 38 GEOLOGIC MARKERS				
FORMATION	ТОР	воттом	DESCRIPTION, CO	INTENTS, ETC	NAME		ТОР		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPT	
ļ						PICTURED CLIFFS	3592'	3194' -	
						LEWIS	39,00'	3499'	
						CLIFFHOUSE	5732'	5331'	
						MENEFEE	5776'	5375'	
						POINT LOOKOUT	6017'	5616'	
	_					MANCOS	6527'	6125'	
	•					DAKOTA	8255'	7853'	
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In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Bureau of LESUBMIT IN ement Farmington IT LEG VINCE

(See other instructions on

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

5 JEASE DESIGNATION AND LEAS

				re ,	verse side)	t .	ATION AND LEASE NO IMSF-078766
						6 IF INDIAN,ALLO	
v	VELL COMPLE	ETION OR REC	OMPLETION R	EPORT AND L	0G*		
la TYPE C	F WELL FOIL WELL	X GAS WELL	DRY OTHER			7 UNIT AGREEMEN	Rosa Unit
ь түре с	F COMPLETION EW WELL WORKO	<u></u>		OTHER		81	
		VER DEEPEN PLU	G BACK DIFF RESVR	OTHER		Report	TO LEGAL
2 NAME (OF OPERATOR	WILLIAMS PRO	DUCTION COMPANY	<i>(</i>		8 FARM OR LEASE Ro	NAME, WELL NO sa Unit #138D
3 ADDRE	SS AND TELEPHONE NO)				9 API WELL NO	
		P.O. Box 640, A	ztec, NM 87410 (505) 634-4208		30-04	15-34959-00c1
4. LOCA	TION OF WELL (Re	eport location clearly a	and in accordance with a	any State requirement	s)*		POOL, OR WILDCAT
At top		20' FEL, sec 17, T31 eported below 913' l	N, R6W FNL & 228' FEL, sec 1'	7, T31N, R6W		Į E	Basin Dakota
	•					11. SEC., T ,R.,M , O SURVEY OR AF	REA
				14 PERMIT NO	DATE ISSUED	12. COUNTY OR	7, T31N, R6W
				T. TEMMIT NO		San Juan	New Mexico
SPUDDED 5-30-09	16 DATE T.D. REACHED 6-15-09		(READY TO PRODUCE)	18 ELEVATIONS (DK	RKB, RT,GR,ETC.)* 3' GR	19 ELEVATION CA	SINGHEAD
20 TOTAL DEPTH, N	1D & TVD / 7971' TVD	21, PLUG BACK T.D., I 8360' MD	MD & TVD	22 IF MULTCOMP , HOW MANY 3 *	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS
24 PRODUCING INT	ERVAL(S), OF THIS COM	PLETION - TOP, BOTTON	, NAME (MD AND TVD)*	1	1	25 WAS DIRECTION	NAL SURVEY MADE
	OTA 8255' – 8339' AND OTHER LOGS RUN	MD				YES 27 WAS WELL COR	ED.
		ıma Ray-Density-Neu	tron, Temperature, Ultra	Sonic Gas Detector	and CBL	No No	ieo
	(Report all strings set in wel						· · · · · · · · · · · · · · · · · · ·
	IZE/GRADE 4", J-55	WEIGHT, LB /FT 40.5#	DEPTH SET (MD) 355'	HOLE SIZE 14-3/4"	TOP OF CEMENT, CEI		AMOUNT PULLED
	", K-55	26 4#	4034'	9-7/8"	680 SX - S		
	", N-80	17 0#	8370'	6-3/4"		32' (CBL)	
	,			0 5.1 ,	3,00,00	- (ODE)	
29 LINER RECORD					30 TUBING RECORD		L
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 375", 4 7#, J-55 EUE 8rd	8305'	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
<u>Dakota</u> 8255'	8339' Total of 75,	0 34" holes		(MD)			····
			•	8255'-8339'	Fraced with 4,590# mesh BASF	KGVI	lowed with 119,910# 40/70 ONG 18 '09 CONS, DIV.
		,					DIST. 3
33 PRODUCTION	S. L	1 MV 0 MC	F 2206				
DATE OF FIRS	T PRODUCTION	th MV & MC per AZ PRODU	CTION METHOD (Flowing, g	as lift, pumping-size and typ	e of pump)	WELL STA	TUS (PRODUCING OR SI)
			Flov	ving 🖊		SI –	waiting on tie-in
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL.	GAS – MCF	WATER - BBL	GAS-OIL RATIO
8-11-09	2 hr	26/64"	PERIOD				
FLOW TBG PRESS 0	CASING PRESSURE 625 psi	CALCULATE	24-HOUR RATE	OIL - BBL	GAS – MCF 900 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR.)
34 DISPOSITION OF		ented, etc.) TO BE SOLD	Note Flow rest for		A	TEST WITNESSED E	<u> </u>
35 LIST OF ATTACH	MENTS SUM	MARY OF POROUS ZO	ONES - NOTE . WELLBO	RE DIAGRAM, Direction	onal EOW report attached	to completion sundice	PTED FOR RECORD

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

SIGNED TITLE Drig COM DATE 8-13-09

NMOCD

AUG 17 2009

FARMINICTON FIELD OFFICE

					NAME			
FORMATION	ТОР	воттом	DESCRIPTION.	DESCRIPTION, CONTENTS, ETC.		NAME	TOP MEASURED DEPTH	TRUE VERTICAL DEP
						PICTURED CLIFFS	3592'	3194'
						LEWIS	3900'	3499'
						CLIFFHOUSE	5732'	5331'
						MENEFEE	5776'	5375'
						POINT LOOKOUT	6017'	5616'
	,					MANCOS	6527'	6125'
						DAKOTA .	8255'	7853'
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