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

				1	everse sine)		MSF-078771
	WELL COMPL	ETION OD DE	COMPLETION D	EDODE AND I	00+	6 IF INDIAN,ALLO	TTEE OR
	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND L	.0G*	7. UNIT AGREEME	NT NAME
la TYPE	OF WELL F OIL WELL	X GAS WELL	DRY OTHER		CEIVI	_	Rosa Unit
	OF COMPLETION NEW WELL WORKS	OVER DEEPEN PL	.UG BACK DIFF.RESVR			Report	1. 1
	E OF OPERATOR	OVER DEEFEN FL	OU BACK DIFF.RESVK) V 2 5 2009	8 FARM OR LEASE	NAME WELLING
2 NAMI	E OF OI ERATOR	WILLIAMS PRO	ODUCTION COMPANY)	í	osa Unit #20D
3 ADDF	RESS AND TELEPHONE N		V	Bureau	or Land Man.	9 API WELL NO	
		P.O. Box 640,	Aztec, NM 87410 (505) 634-4208 Farm i	ington Field C 🔑		39-30754 -0161
	,		and in accordance with	any State requiremen	ts)*	1	POOL, OR WILDCAT
	urface: 1485' FNL &		31N, K6W FNL & *448 ' FEL, sec	14. T31N. R6W		1	Basin Dakota
	tal depth: Same	202		, , ,			D DI OCU AND
						11 SEC, T,R,M, C SURVEY OR AI	
					T DATE ISSUED	Sec I	4, T31N, R6W
				14. PERMIT NO	DATE ISSUED	Rio Arriba	New Mexico
15. DATE	16 DATE T D	F	D (READY TO PRODUCE)	18 ELEVATIONS (DK		19 ELEVATION CA	SINGHEAD
spudded 7-9-09	REACHED 8-22-09	11	-23-09	636	58' GR	RCVD	DEC 8 '09
20 TOTAL DEPTH,	MD & TVD 0 / 8147' TVD	21 PLUG, BACK T.D.,		22 IF MULTCOMP., HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
		8342' MD / 8142'	M, NAME (MD AND TVD)*	3 *	DRICEED B1		ONS. DIV.
	OTA. 8120' – 8334'			with MV & MC per A	AZT-3243	1	IST S
26. TYPE ELECT	TRIC AND OTHER LOGS	Pulsed Neutron Deca				27 WAS WELL COR	
28 CASING REPORT	(Report all strings set in we	11)		****		No ,	
	SIZE/GRADE /4", J-55	WEIGHT, LB /FT 40.5#	DEPTH SET (MD) 355'	HOLE SIZE 14-3/4"	TOP OF CEMENT, CEI		AMOUNT PULLED
	3", K-55	26.4#	3943'	9-7/8"		605 SX – SURFACE 372 SX –4275 (CBL)	
5-1/2	2", N-80	17.0#	8347'	6-3/4"	372 SX -42	75 (CBL) /	
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-80EUE 8rd	8232'	none
31 PERFORATION R	RECORD (Interval, size, and	number)			TURE, CEMENT SQUEEZE,	ETC JNT AND KIND OF MA	The state of the s
				DEPTH INTERVAL (MD)	AMU	JN1 AND KIND OF MA	TERIAL USED
Dakota: Total o	f 126, 0.34" holes				Fraced with 5400# 1	00 mesh followed w	rith 107,700# 40/70 mesh
Dakota. 10ta10	1 120, 0.54 Holes			8120'-8334'	BASF	oo meen tone ou	Tax To 7,700 ii 10/70 liteon
33 PRODUCTION			\		<u> </u>		
DATE OF FIRS	T PRODUCTION	PRODU	ICTION METHOD (Flowing, ga	s lift, pumping-size and type	e of pump)	WELL STAT	US (PRODUCING OR SI)
			Flow	ing 🖊		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
11-22-09	1 hr 🖊	1/2"	PERIOD				
LOW TBG PRESS	CASING PRESSURE	CALCULATEI	24-HOUR RATE	OIL – BBL	GAS - MCF 601 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR.)
U	400 ใช				oor mena		
4 DISPOSITION OF	GAS (Sold, used for fuel, ve	nted, etc) non flaring				TEST WITNESSED B	Y. Dalton King
5 LIST OF ATTACH			ONES, WELLBORE DIAGE		report	ACCENT	TO FOR DECODE
	11	information is complete and	correct as determined from all av	aılable records		7.00.2 12	2 I OILLEON W
SIGNED_	eny fl	in the second	TITLE <u>I</u>	Orlg COM DATE _	11-25-09	DEC	0 3 2009
		• •		•			

FARMINGTON FIELD OFFICE BY TO SOLVES

37 SUMMARY OF POROUS ZO: cushion used, time tool open, fl	NES (Show all important zone lowing and shut-in pressures, as	es of porosity and contents thereof, and recoveries)	cored intervals, and all drill-stem. to	ests, including depth interval tested,	38 GEOLOGIC MARKER	S			
FORMATION	TOP	воттом	DESCRIPTION,	ONTENTS, ETC	NAME	тор			
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH	
,	,		,			LEWIS	3753'	3560'	
						CLIFFHOUSE	5604'	5405'	
						POINT LOOKOUT	5886'	5686'	
						MANCOS	6322'	6122'	
						GRANEROS	7984'	7784'	
						DAKOTA	8118'	7918'	
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u In•Liau c€ Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

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

(July 1792)	+	ATTOR ATT OF TA	370 374374 CE37E3	TTTT		Expires, redition	ary 20, 1993		
		SUREAU OF LA	ND MANAGEMEI		(See other instructions on reverse side)		NATION AND LEASE NO. NMSF-078771		
,	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND I	LOG*	6. IF INDIAN,ALL	OTTEE OR		
						7. UNIT AGREEM			
	OF WELL FOIL WELL	. X GAS WELL	DRY OTHER	REC	SEIV.		Rosa Unit		
	of completion <i>VEW WELL</i> works	Report to lease							
2 NAME	OF OPERATOR	25 2009	8 FARM OR LEASE NAME, WELL NO						
		WILLIAMS PRO	ODUCTION COMPANY	Bureau of L	and Mone	F	Rosa Unit #20D		
3 ADDR	ESS AND TELEPHONE N	O		Farming	Ion Fleid C.	9 API WELL NO			
			Aztec, NM 87410 (505) 634-4208	-		39-30754-OICZ		
At Su At top	rface 1485' FNL &	1525' FEL, sec 14, T	FNL & 448' FEL, sec 1		ts)*	i			
							14, T31N, R6W		
				14 PERMIT NO.	DATE ISSUED	12. COUNTY OR Rio Arriba	13 STATE New Mexico		
15 DATE SPUDDED 7-9-09	16 DATE T D REACHED 8-22-09	,	D (READY TO PRODUCE) -23-09	1	c, rkb, rt,gr,etc)* 68' GR	19 ELEVATION C	DEC 8 '09		
8347' MD	20 TOTAL DEPTH, MD & TVD 8347' MD / 8147' TVD 21 PLUG, BACK T D, MD & TVD 8342' MD / 8142' TVD				23 INTERVALS DRILLED BY	x OIL (ONS. DIV.			
			M, NAME (MD AND TVD)*	M. M.M. O. DW A	7T 22.42		NAL SURVEY MADE		
	COS: 7130'-7505' RIC AND OTHER LOGS			th MV & DK per A	Z1-3243	YES 27. WAS WELL CO			
						No			
	(Report all strings set in wei IZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CE	MENTING RECORD	AMOUNT PULLED		
10-3/-	4", J-55	40 5#	40 5# 355' 14-3/4" 290 SX -			URFACE			
7-5/8	", K-55	26.4#	3943'	9-7/8"	605 SX – S	URFACE			
5-1/2	', N-80	17.0#	8347'	6-3/4"	372 SX -42	275 (CBL)			
29 LINER RECORD					30 TUBING RECORD		<u>, l</u>		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE 2 375", 4 7#, J-55	DEPTH SET (MD) 8232'	PACKER SET (MD)		
					& N-80EUE 81d	0232	none		
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZE AMO	E, ETC DUNT AND KIND OF MATERIAL USED			
<i>Upper MC.</i> Tota	1 of 36, 0 34" holes	,		7130'-7270'	Fraced with 5200# 100 mesh followed with 101,640# 40/70 mesh BASF				
<u>Lower MC·</u> Tota	al of 39, 0 34" holes			7350'-7505'	Fraced with 5200# 100 mesh followed with 107,800# 40/70 mesh BASF				
33 PRODUCTION					<u> </u>				
DATE OF FIRS	PRODUCTION	PRODU	ICTION METHOD (Flowing, gas	s lift, pumping-size and type	e of pump)	WELL STA	IUS (PRODUCING OR SI)		
			Flows	ng		SI – waiting on tie-in			
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO		
11-22-93 69	1 hr	1/2"	PERIOD	į					
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	24-HOUR RATE	OIL – BBL	GAS ~ MCF	WATER - BBL	OIL GRAVITY-API (CORR)		
0	400 lb				927 mcf/d -				
34 DISPOSITION OF (GAS (Sold, used for fuel, ver	nted, etc) non flaring			,	TEST WITNESSED E	SY Dalton King		

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

TITLE Drlg COM DATE 11-25-09

NMOCD 1/2

ACCEPTED FOR RECORD DEC 0 3 2009

37 SUMMARY OF POROUS Zoushion used, time tool open,	JIMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, shion used, time tool open, flowing and shut-in pressures, and recoveries) 38 GEOLOGIC MARKERS				·s		· ·	
	_							٤
	'mon				·			
FORMATION	`ТОР	воттом	DESCRIPTION,	CONTENTS, ETC	NAME	TOP NAME MEASURED		TRUE VERTICAL DEPTH
						IVAIVE	MEASURED DEPTH	TRUE VERTICAL DEFTA
						LEWIS	3753'	3560'
						CLIFFHOUSE	5604'	5405'
	-]	POINT LOOKOUT	5886'	5686'
	. 1					MANCOS	6322'	6122'
ļ						GRANEROS	7984'	7784'
						DAKOTA	8118'	7918'
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In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

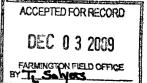
SUBMIT IN DUPLICATE FORM APPROVED OMB NO. 1004-0137 Expires February 28, 1995

		SUREAU OF LA	IND MANAGEME	ν.	See other instructions on everse side)	N	ATION AND LEASE NO. IMSF-078771	
•	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND L	OG*	6 IF INDIAN,ALLO	TTEE OR	
	OF WELL FOIL WELL		DRY OTHER	RECE		7 UNIT AGREEME	nt name Rosa Unit	
	OF COMPLETION IEW WELL WORK	OVER DEEPEN PL	UG BACK DIFF RESVR		BAED	NAMA-	VM -AFOP8F	
	OF OPERATOR			NOV OF	2000	8 FARM OR LEASE		
		WILLIAMS PRO	DUCTION COMPANY	(D	, 7003	į.	osa Unit #20D	
3 ADDR	ESS AND TELEPHONE N	O P O Box 640,	DDUCTION COMPANY Aztec, NM 87410 (505	Famington F:) 634-4208	Managemen: eld Office	9 API WELL NO 30-03	39-30754 - 01 C3	
	,		and in accordance with a	any State requirement	ts)*	10. FIELD AND	POOL, OR WILDCAT	
At top		1525' FEL, sec 14, T: reported below · 2070	31N, R6W FFNL & 4484 FEL, sec	14, T31N, R6W		Bla	inco Mesaverde	
						11. SEC, T,R,M,O SURVEY OR AF Sec. 1		
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR Rio Arriba	13 STATE New Mexico	
15 DATE	16 DATET D	i	D (READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*	19 ELEVATION CA	SINGHEAD	
spudded 7-9-09	REACHED 8-22-09		-23-09		58' GR	ROVID DEG 8 '09		
20 TOTAL DEPTH, 1 8347' MD	мD & TVD / 8147' TVD	21 PLUG, BACK T.D. 8342' MD / 8142'		22 IF MULTCOMP, HOW MANY 3 *	23 INTERVALS ROTARY TOOLS CABLE TO CABL		CABLE TOOLS JONS. DIV.	
	ERVAL(S), OF THIS CON ESAVERDE: 5608'-		M, NAME (MD AND TVD)* Commir	ngled with MC & DK	per AZT-3243		NAL SURVEY MADE NST. 3	
26 TYPE ELECT	RIC AND OTHER LOGS	Pulsed Neutron Deca	ay Log and CBL			27 WAS WELL COR No	ED	
	(Report all strings set in we IZE/GRADE	ll) WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEN	MENTING RECORD .	AMOUNT PULLED	
	4", J-55	40.5#	355'	14-3/4"	290 SX - S			
7-5/8	", K-55	26 4#	3943'	9-7/8"	605 SX – SI	URFACE		
5-1/2	", N-80	17 0#	8347'	6-3/4"	372 SX -42	75 (CBL)		
29 LINER RECORD SIZE	ΓΟΡ (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD SIZE	DEPΓΗ SEΓ (MD)	PACKER SET (MD)	
					2 375", 4 7#, J-55 & N-80EUE 8rd	8232'	none	
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZE, AMOU	, ETC OUNT AND KIND OF MATERIAL USED		
Upper MV Total	l of 63, 0.34" holes		7	5608'-5856'	Fraced with 76,033#	3# 20/40 mesh BASF		
	al of 74, 0.34" holes	·		5890'-6214'	Fraced with 83,087#	3,087# 20/40 mesh BASF		
33 PRODUCTION								
DATE OF FIRS	I PRODUCTION	PRODU	JCTION METHOD (Flowing, ga	is lift, pumping-size and type	e of pump)	WELL STATUS (PRODUCING OR SI)		
				ıng 🖊		SI - v	waiting on tie-in	
11-22-09	1 ESTED	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS ~ MCF	WATER - BBL	GAS-OIL RATIO	
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	D 24-HOUR RATE	OIL – BBL	GAS – MCF 977 mcf/d —	WATER - BBL	OIL GRAVITY-API (CORR)	
34 DISPOSITION OF 35 LIST OF ATTACH	GAS (Sold, used for fuel, ve		ONES, WELLBORE DIAGE	AM Directional FOW	report	TEST WITNESSED B	Y Weldon Higgins	
22 FIST OF WITHCH	NILLINI OUMI	11/11/1 OI I OKOOS Z(JITEO, IT ELLEDONE DIAGI	GAM, DRECHORAL EOW	report			

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

__ TITLE <u>Dilg COM</u> DATE <u>11-25-09</u>

NMOCD %



ismon usea, time tool oper	1, nowing and snut-in pressures, a	na recoveries)	cored intervals, and all drill-stem, tes					
FORMATION	TOP	тор воттом	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
			NAME	MEASURED DEPTH	TRUE VERTICAL DEP			
						LEWIS	3753'	3560'
						CLIFFHOUSE	5604'	5405'
						POINT LOOKOUT	5886'	5686'
						MANCOS	6322'	6122'
						GRANEROS	7984'	7784'
				r		DAKOTA	8118'	7918'
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