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 Expires February 28, 1995

(See other instructions on

				re	everse side)		ATION AND LEASE NO IMSF-078765 /
<u> </u>					(6 IF INDIAN,ALLO	
	VELL COMPLI	ETION OR REC	COMPLETION R	EPORT AND L	OG*		
la TYPE C	OF WELL POIL WELL	X GAS WELL	DRY OTHER	DE(SEIVED	7 UNIT AGREEME	NT NAME Rosa Unit
	OF COMPLETION EW WELL WORKO	VER DEEPEN PLU	JG BACK DIFF RESVR.			HMNM-	78407A-MV
2 NAME	OF OPERATOR			NOV	25 2009	8 FARM OR LEASE	NAME. WELL NO
		WILLIAMS PRO	DUCTION COMPANY	, , , , , , , , , , , , , , , , , , , ,	8 6 7001	Ro	sa Unit #180D
3 ADDRI	ESS AND TELEPHONE NO	-		Dufdau of I	Grad Managament	9. API WELL NO	
			Aztec, NM 87410 (505) 634-4208\"\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Ca First Office	30-04	5-34988-00C3
At Sur At top	rface: 935' FSL & 19	35' FWL, sec 9, T311	and in accordance with a N, R6W 'FSL & 1863' FWL, sec	•	s)*	Bla	POOL, OR WILDCAT nco Mesaverde
						11 SEC, T,R,M,O SURVEY OR AF	
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR San Juan	13 STATE New Mexico
15 DATE SPUDDED 8-28-09	16 DATE T D REACHED 9-11-09	li .	O (READY TO PRODUCE) -24-09	18 ELEVATIONS (DK 640	, RKB, RT,GR,ETC)*)2' GR	19. ELEVATION CA	SINGHEAD DEC 1'09
20 TOTAL DEPTH, N	MD & TVD / 8058' TVD	21 PLUG, BACK T.D., 8407' M.D.	MD & TVD	22 IF MULTCOMP, HOW MANY 3*	23 INTERVALS DRILLED BY	ROTARY TOOLS x OIL	CABLE TOOLS ONS. DIV.
			M NAME (MD AND TVD)*	1	·		NAL SURVEY MADE
	SAVERDE 5778'- AND OTHER LOGS RUN					YES 27 WAS WELL COR	<u> </u>
	Decay Log and CBL					No No	ED
	(Report all strings set in well IZE/GRADE	II) WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEN	MENTING RECORD	AMOUNT PULLED
	4", J-55	40.5#	312'	14-3/4"	290 SX - St		TIMOGNI I ODDAD
7-5/8	", K-55	26.4#	4035`	9-7/8"	620 SX – SI	JRFACE	
5-1/2	", N-80	17 0#	7968`	6-3/4"	360 SX - 372	25' (CBL)	
29 LINER RECORD					30 TUBING RECORD		
3-1/2"	70P (MD)	8413'	SACKS CEMENT* 110 SX TOC	SCREEN (MD)	SIZE 2.375", 4.7#, J-55	7702 (MD)	PACKER SET (MD) none
			@7750` CBL		& N-80 EUE 8rd		IKME
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZE. AMOU	ETC INT AND KIND OF MA	TERIAL USED
<i>Upper MV</i> ∙ Tota	of 54, 0.34" holes	•		5778`-5990'	Fraced with 79,490#	20/40 mesh BASF	
Lower MV Tota	l of 73, 0.34" holes	•		6020`-6418`	Fraced with 83,487#	20/40 mesh BASF	1
33 PRODUCTION	Commingles with M	ancos and Dakota per	AZT -3267				
DATE OF FIRS	T PRODUCTION	PRODU	CTION METHOD (Flowing, ga	as lift, pumping-size and typ	e of pump)	WELL STAT	'US (PRODUCING OR SI)
			Flow	ring		SI - 1	waiting on tie-in
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR FEST	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-23-09	1 hr	24/64"	PERIOD		,	•	
FLOW TBG PRESS	CASING PRESSURE	CALCULATE	24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	540 lbs				724 mcf/d /		
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented etc) TO BE SOLD				TEST WITNESSED E	Y Craig Ward
35 LIST OF ATTACH	MENTS. SUM	MARY OF POROUS ZO	ONES, WELLBORE DIAG	RAM, 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 15

ACCEPTED FOR RECORD

FORMATION	TOP	воттом	DESCRIPTION CONTENTS FTG		NAME	T		
TORMATION	FOR	BOLLOW	DESCRIPTION, CONTENTS, ETC			NAME	TOP MEASURED DEPTH	TRUE VERTICAL DE
				-		LEWIS	3861'	3504'
		,	-			CLIFFHOUSE POINT LOOKOUT	5778' 6020'	5421'
						MANCOS ' GRANEROS	6476' 8141'	6119' 7784'
						DAKOTA	8271'	7914'
								-
-								

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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

Expires February 28, 1995

5 LEASE DESIGNATION AND LEASE NO reverse side) NMSF-078765 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 1a DRY TYPE OF COMPLETION X NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR NAME OF OPERATOR 2 8 FARM OR LEASE NAME, WELL NO WILLIAMS PRODUCTION COMPANY Rosa Unit #180D NOV 25 2009 9 API WELL NO ADDRESS AND TELEPHONE NO 30-045-34988-00C2 P.O Box 640, Aztec, NM 87410 (505) 634-4208 post of 1 and Massagement LOCATION OF WELL (Report location clearly and in accordance with any State requirements) on Field Office 10 FIELD AND POOL, OR WILDCAT 4 At Surface: 935' FSL & 1935' FWL, sec 9, T31N, R6W Basin Mancos At top production interval reported below 2303' FSL & 1863' FWL, sec 9, T31N, R6W At total depth: Same 11 SEC T,R M, OR BLOCK AND SURVEY OR AREA Sec 9, T31N, R6W DATE ISSUED 12 COUNTY OR 14 PERMIT NO 13 STATE New Mexico San Juan 16 DATE T D 17 DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DK, RKB, RT, GR, ETC) 19 ELEVATION CASINGHEAD 15 DATE REACHED SPUDDED 11-24-09 6402' GR RCVD DEC 1'09 9-11-09 8-28-09 21 PLUG, BACK T.D., MD & TVD ROTARY TOOLS CABLE TOOLS 22 IF MULTCOMP. 23 INTERVALS 20 TOTAL DEPTH, MD & TVD HOW MANY DRILLED BY 8415' MD / 8058' TVD 8407' MD * OIL CONS. DIV 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP BOTTOM, NAME (MD AND TVD) 25 WAS DIRECTIONAL SURVEY MADE BASIN MANCOS 7200'-7700' YES DIST 3 26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED Pulsed Neutro Decay Log and CBL 28 CASING REPORT (Report all strings set in well) 10P OF CEMENT, CEMENTING RECORD CASING SIZE/GRADE WEIGHT, LB/FI DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 290 SX - SURFACE 10-3/4", J-55 40 5# 312 14-3/4" 620 SX - SURFACE 7-5/8", K-55 4035 9-7/8 26.4# 5-1/2", N-80 17.0# 7968 6-3/4" 360 SX - 3725' (CBL) 29 LINER RECORD 30 TUBING RECORD BOTTOM (MD) SACKS CEMENT* SCREEN (MD) DEPTH SET (MD) TOP (MD) PACKER SET (MD) SIZE SIZE 3-1/2 110 sx TOC 2.375", 4.7#, J-55 7702 7746 8413 none @7750' CBL & N-80 EUE 81d 31 PERFORATION RECORD (Interval, size, and number) 32 ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED (MD) Fraced with 5673# 100 mesh BASF followed with 100,534# 40/70 Upper MC. Total of 78, 0.34" holes 7200`-7450` mesh BASF Fraced with 5567# 100 mesh BASF followed with 105,281# 40/70 Lower MC Total of 66, 0.34" holes 7517'-7700' mesh BASF Commingles with Measaverde and Dakota per AZT -3267 33 PRODUCTION DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (PRODUCING OR SI) Flowing -SI – waiting on tie-in – DATE OF TEST TESTED CHOKE SIZE PROD'N FOR TEST OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO PERIOD 24/64" 11-23-09 1 hr FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY-API (CORR) 0 687 mcf/d -540 lbs 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.). TO BE SOLD TEST WITNESSED BY Craig Ward

35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM. Directional EOW report

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

TITLE Drlg COM DATE 11-25-09



FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC.		NAME		ТОР	
						NAME	MEASURED DEPTH	TRUE VERTICAL DEP
						LEWIS	3861'	3504'
						CLIFFHOUSE	5778'	5421'
						POINT LOOKOUT	6020'	5663'
						MANCOS '	6476	6119.
						GRANEROS	8141	7784'
						DAKOTA	8271	7914'
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								1

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

BUREAU OF LAND MANAGEMENT (See other instructions on 5. LEASE DESIGNATION AND LEASE NO. NMSF-078765 6 IF INDIAN, ALLO PTEE OR WELL COMPLETION OR RECOMPLETION REPORT AND LOG* RECEIVED 7 UNIT AGREEMENT NAME X GAS WELL Rosa Unit la. TYPE OF WELL | COIL WELL TYPE OF COMPLETION OTNOV 25 2009 X NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR. Report NAME OF OPERATOR 8 FARM OR LEASE NAME, WELL NO WILLIAMS PRODUCTION COMPANYAGED of Land Management Rosa Unit #180D Familianian Florid Offica ADDRESS AND TELEPHONE NO 9 APLWELL NO 30-045-34988-00C P.O. Box 640, Aztec, NM 87410 (505) 634-4208 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 10. FIELD AND POOL, OR WILDCAT At Surface: 935' FSL & 1935' FWL, sec 9, T31N, R6W Basin Dakota At top production interval reported below = 2303' FSL & 1863' FWL, sec 9, T31N, R6W At total depth: Same 11 SEC , T.,R ,M , OR BLOCK AND SURVEY OR AREA Sec 9, T31N, R6W DATE ISSUED 12 COUNTY OR 14 PERMII NO. 13 STATE New Mexico San Juan 16 DATE 1 D. 17. DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DK, RKB RT, GR, ETC)* 19 ELEVATION CASINGHEAD 15 DATE REACHED SPUDDED 11-24-09 6402' GR 9-11-09 8-28-09 21 PLUG, BACK T.D., MD & TVD 22 IF MULTCOMP CABLE TOOLS 20 TOTAL DEPTH MD & TVD 23. INTERVALS ROTARY TOOLS 8407' MD HOW MANY 8415' MD / 8058' TVD DRILLED BY х 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25 WAS DIRECTIONAL SURVEY MADE BASIN DAKOTA: 8272' - 8390' YES 26, TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED Pulsed Neutro Decay Log and CBL 28 CASING REPORT (Report all strings set in well) WEIGHT, LB /FT DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED CASING SIZE/GRADE 290 SX - SURFACE 10-3/4", J-55 40.5# 312 14-3/4 7-5/8", K-55 26.4# 4035 9-7/8 620 SX - SURFACE 5-1/2", N-80 7968 6-3/4 360 SX - 3725' (CBL) 17.0# 29 LINER RECORD 30 TUBING RECORD SACKS CEMENT* BOTTOM (MD) SCREEN (MD) DEPTH SET (MD) PACKER SEI (MD) SIZE TOP (MD) SIZE 7746 8413 110 sx TOC 2,375", 4.7#, J-55 7702 none @7750' CBL & N-80 EUE 8rd 31 PERFORATION RECORD (Interval, size, and number) 32 ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED Dakota: Total of 72, 0 32" holes Fraced with 4449# 100 mesh BASF followed with 115,877# 40/70 8272'-8390' mesh BASF RCVD DEC 1'09 OIL CONS. DIV. DIST. 3 Commingles with Measaverde and Mancos per AZT -3267 33.PRODUCTION DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (PRODUCING OR SI) Flowing -SI - waiting on tie-in

FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE GAS - MCF WATER - BBL OIL - BBL 0 445 mcf/d -540 lbs 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY Craig Ward

35 LIST OF ATTACHMENTS

DATE OF TEST

11-23-09

SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

PROD'N FOR TEST

PERIOD

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

CHOKE SIZE

24/64"

SIGNED

TESTED

1 hr

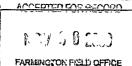
TITLE Drlg COM DATE 11-25-09

OIL - BBL

GAS - MCF

WATER - BBL

NMOCD 177



GAS-OIL RATIO

OIL GRAVITY-API (CORR)

FORMATION	ТОР	вот ом	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
	:					NAME	MEASURED DEPTH	TRUE VERTICAL DE
						LEWIS	3861	3504
						CLIFFHOUSE	5778'	5421'
						POINT LOOKOUT	6020'	5663'
						MANCOS '	6476'	6119'
	į					GRANEROS	8141	7784'
						DAKOTA	8271'	7914'
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