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

FARAUNGTON FIELD OFFICE BY TE Salvers

BUREAU OF LAND MANAGEMENT reverse side) 5 LEASE DESIGNATION AND LEASE NO. NMSF-078767 078772 6 IF INDIAN ALLOTTEE OR WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 7 UNIT AGREEMENT NAME 1 a. TYPE OF WELL Γ OIL WELL X GAS WELL DRY OTHER Rosa Unit TYPE OF COMPLETION X NEW WELL Need PLUG BACK WORKOVER DEEPEN DIFF RESVR OTHER NAME OF OPERATOR 2 8 FARM OR LEASE NAME, WELL NO WILLIAMS PRODUCTION COMPANY Rosa Unit COM #90C ADDRESS AND TELEPHONE NO 9 API WELL NO 30-045-34278-00C1 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: 1655' FNL & 1855' FEL, sec 33, T32N, R6W Basin Dakota At top production interval reported below 859' FNL & 950' FEL, sec 33, T32N, R6W II SEC, T,R,M, OR BLOCK AND SURVEY OR AREA Sec 33, T32N, R6W 13 STATE New Mexico DATE ISSUED 12 COUNTY OR 14 PERMIT NO San Juan 16 DATE T D 17 DATE COMPLETED (READY TO PRODUCE) 15 DATE 18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 19 ELEVATION CASINGHEAD REACHED SPUDDED 11-21-09 6383' GR 10-17-09 10-1-09 20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T D, MD & TVD 23 INTERVALS ROTARY TOOLS 22 IF MULTCOMP, CABLE TOOLS 8405' MD / 8012' TVD 8399' MD / 8006' TVD HOW MANY DRILLED BY 24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25 WAS DIRECTIONAL SURVEY MADE BASIN DAKOTA. 8300' - 8392' MD Commingled with Mesaverde and Mancos per AZT-3281 YES 26 TYPE ELECTRIC AND OTHER LOGS RUN 27 WAS WELL CORED Aray Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Dector and CBL 28 CASING REPORT (Report all strings set in well) NOTE production casing is mixed string of 51 jts 4-1/2" (6433'-8405') & 169 jts 5-1/2" (surface-6433') WEIGHT, LB /FT TOP OF CEMENT, CEMENTING RECORD CASING SIZE/GRADE DEPTH SET (MD) HOLE SIZE AMOUNT PULLED 10-3/4", J-55 40.5# 314 14-3/4" 290 SX - SURFACE 7-5/8", K-55 26.4# 3988 9-7/8" 1040 SX - SURFACE 5-1/2", N-80 17 0# SEE BELOW SEE BELOW 9-7/8 4-1/2", N-80 116# 8405 6-3/4" 590 SX -1950' (CBL) 29 LINER RECORD 30. TUBING RECORD TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) DEPTH SET (MD) PACKER SET (MD) SIZE 2 375", 4.7#, J-55 8295 none & N-80 EUE 8rd 31 PERFORATION RECORD (Interval, size, and number) 32 ACID, SHOT, FRACTURE, CEMENT SOUREZE, ETC AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL Dakota Total of 72, 0.34" holes (MD) Fraced with 5051# 100 mesh BASF followed with 85,363# 40/70 8300' - 8392' mesh BASF RCVD DEC 1'09 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-OIL RATIO GAS - MCF WATER - BBL PERIOD 11-19-09 2 hr 1/2" FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL GAS - MCF WATER - BBL OIL GRAVITY-API (CORR) 0 892 mcf/d ~ 620 lb 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY Craig Ward SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM. 35 LIST OF ATTACHMENTS ACCEPTED FOR RECORD 36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records ROY JOSSO TITLE Drlg COM DATE 11/23/09

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTI
						LEWIS	3856'	3487'
					,	CLIFFHOUSE	5766'	5393'
						POINT LOOKOUT	6011'	5638'
		₹	·	·		MANCOS	6499'	6126'
		,				GRANEROS	8161'	7783'
						DAKOTA	8299'	7913'
٠								
								,
		,						-
ı								
	,							

٩.,

_



In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN NOV 2 3 2000 APPROVED OMB NO 1004-0137 LEXPURS Ecbruary 28, 1995

(See other instructions on on Fig. 1) Offices reverse side)

Stease Designation and Lease No

							VMSF -078767 ዕጉ ፄጉጉእ		
,	WELL COMPL	ETION OD DE	COMDITTION D	EDADT AND I	, , ,	6 IF INDIAN,ALLO	OTTEE OR		
	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND L	WG"	7 UNIT AGREEME	INT NAME		
la. TYPE	OF WELL FOIL WELI	X GAS WELL	DRY OTHER				Rosa Unit		
ь түре	OF COMPLETION	_					_		
<u>X</u> /	VEW WELL WORK	Necd	CA						
2 NAME	OF OPERATOR	8 FARM OR LEASE	NAME, WELL NO						
		Rosa	Rosa Unit COM #90C						
3 ADDR	ESS AND TELEPHONE N	9. API WELL NO							
			30-045-34278- OOCA						
	ATION OF WELL (R		10. FIELD AND POOL, OR WILDCAT Basin Mancos						
	rface 1655' FNL & production interval:	'	Basin Mancos						
	al depth: Same								
		11 SEC, T,R,M,C							
		SURVEY OR AT	rea 33, T32N, R6W						
	14 PERMIT NO DATE ISSUED						13 STATE		
						San Juan	New Mexico		
15 DATE SPUDDED	16 DATE T D REACHED		D (READY TO PRODUCE) -21-09	18 ELEVATIONS (DK	83' GR.	19 ELEVATION CA	SINGHEAD		
10-1-09	10-17-09	1	-21-07	05.	05 GR.				
20 TOTAL DEPTH, I	MD & TVD / 8012' TVD	21 PLUG, BACK T D 8399' MD / 8006'		22 IF MULTCOMP, HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
				3 *			NAL SURVEY MADE		
	* **		M, NAME (MD AND TVD)* Commingled with Mes	werde and Dakota n	or A7T_3281		NAL SURVEY MADE		
Aray Induction	n, Compensated Gan	nma Ray-Density-Net	itron, Ultra Sonic Gas Do	ector and CBL		No			
28 CASING REPORT	(Report all strings set in we	II) NOTE production	casing is mixed string of	51 jts 4-1/2" (6433"	'-8405') & 169 jts 5-1/2	2" (surface-6433')			
							AMOUNT PULLED		
	4", J-55	40.5#	314'	14-3/4"	290 SX - 1S				
7-5/8	", K-55	26.4#	3988'	9-7/8"	1040 SX – S	SURFACE			
5-1/2	5-1/2", N-80		SEE BELOW	9-7/8"	SEE BE	LOW			
4-1/2", N-80		11.6#	8405'	6-3/4"	590 SX -19	50' (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) 8295'	PACKER SET (MD) none		
					& N-80 EUE 8rd	8273	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 LISED		
				(MD)	7,1,10		TERMID CODD		
TI MG Total	1 . 676 . 0.242 11	_	i		Fraced with 4993# 1	00 mesh BASE folk	owed with 117,602# 40/70		
Upper MC 1.ota	il of 75, 0 34" holes			7200'-7440'	mesh BASF		D DEC 1'09		
Lower MC. Tota	d of 78, 0 34" holes			7490'-7730'	Fraced with 6045# 1 BASF	100 mesh BASF followed with 99,824# 40/70			
a propriori					DAISI		CONS. DIV.		
33 PRODUCTION							NIST. 3		
DATE OF FIRS	T PRODUCTION	PRODU	ICTION METHOD (Flowing, ga	s lift, pumping-size and type	e of pump)	WELL STAT	TUS (PRODUCING OR SI)		
			· Flow	ing_		SI v	waiting on tie-in		
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST	OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO		
11-19-09	2 hr	1/2"	PERIOD						
	0.00.00		24 110175 5 1 2 2	011 221	010 1100	WATER TO	Oll Chavier and Cont		
FLOW TBG PRESS 0	CASING PRESSURE	CALCULATEI	24-HOUR RATE	OIL – BBL	GAS – MCF 1375 mcf/d ~	WATER - BBL	OIL GRAVITY-API (CORR)		
v	620 lb				15/5 mci/d -				
34 DISPOSITION OF	GAS (Sold, used for fuel, ve	ented, etc.) TO BE SOLD				1EST WITNESSED B	Y-: Craig-Wardr		
35 LIST OF ATTACH	MENTS SUM	MARY OF POROUS ZO	ONES, WELLBORE DIAGE	AM,		ACCE	FTED TOR RECORD		
36 I hereby certify that	the foregoing and attached	information is complete and	correct as determined from all av	allable records	·····	11	20 (10 0000		
SIGNED	un It		TITLE C	orlg COM DATE	11/23/09	p KJ	V 3023		
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		G G	II.		

**NMOCD** 

FARMINGTON FIELD OFFICE BY TL Salvers

37 SUMMARY OF POROUS ZO cushion used, time tool open,	ONES (Show all important zone flowing and shut-in pressures, a	es of potosity and contents thereof, nd recoveries)	cored intervals, and all drill-stem, to	ests, including depth interval tested,	38.GEOLOGIC MARKER	S.		
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	ТОР		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
,						LEWIS	3856'	3487'
			•			CLIFFHOUSE	5766'	5393'
					i.	POINT LOOKOUT	6011'	5638'
						MANCOS	6499'	6126'
						GRANEROS	8161'	7783'
			,	,		DAKOTA	8299'	7913'
						,		
:	-							
					¢			
l								
. ;			<u> </u>					
,								

*