Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE
See other unstructions on

FORM APPROVED OMB NO 1004-0137

Expires February 28, 1995

5 LEASE DESIGNATION AND LEASE NO

35 LIST OF ATTACHN	MEN12 SUMIN	MAKI OF FOROUS ZU	MELLOUKE DIAGI	A VIAI			CAMERICA CONTRACTOR OF THE	
	GAS (Sold, used for fuel, ve		NES, WELLBORE DIAGE	DAM		TEST WITNESSED B	Y Weldon Higgins	
0 oz	3 lb	mo pp 000			1065 p/day	arrow Man Process	V W-la V	
FLOW TBG PRESS	CASING PRESSURE	CALCULATED	CALCULATED 24-HOUR RATE		GAS ~ MCF	WATER - BBL	OIL GRAVITY-API (CORR)	
1-19-09	TESTED 1 0 hrs	CHOKE SIZE 2"	PROON FOR TEST PERIOD	OIL - BBL	GAS MCF	WATER - BBL	GAS-OIL RATIO	
DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, g					SI – waiting tie in			
3 PRODUCTION	PRODUCTION 1	DD CDU	CTION METHOD (Flance	- tA	o of nump)	WELL GUAT	TIS (PRODUCING OF SI)	
PRODUCTION								
<u>PLO</u> 5959' - 6264, Total of 67, 0 34" holes				5959' – 6264' PLO	Fraced with 18680# 14/30 Lite prop 125 followed with 3070# brown sand			
<u>CH/MEN-</u> 5553' – 5924' Total of 64, 0.38" holes				(MD) 5553' – 5924' CH/MEN	Fraced with 9380# 14/30 LiteProp 125 followed with 3070# brown sand			
31 PERFORATION RECORD (Interval, size, and number)				DEPTH INTERVAL	URE, CEMENT SQUEEZE. FTC AMOUNT AND KIND OF MATERIAL USED			
-1/2", K-55, 1 6#		6408'	165 SX – 5400' (CBL)		2-3/8", 4 7#. J-55	6270'		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCRFEN (MD)	30 TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)	
I Birn broom					20 TUDDIO PECODE			
7",	K-55	23 0#	4150'	8-3/4"	450 SX – 2250' (CBL)			
9-5/8", K-55		36 0#	338'	12-1/4"	200 SX - SURFACE			
8 CASING REPORT (Report all strings set in well) CASING SIZE/GRADE WEIGHT, LB /FT DEPTH SET (MD)				HOLE SIZE	TOP OF CEMENT, CEN	MENTING RECORD	AMOUNT PULLED	
		ity-Neutron, Compens	ated Dual Neutron			NO		
26 TYPE ELECTRIC AND OTHER LOGS RUN						27 WAS WELL CORED		
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesa Verde 5553' – 6264'				1		25 WAS DIRECTION YES	NAL SURVEY MADE	
	6' MD	21. PLUG, BACK T.D., 1 6360' MD		22 IF MULTCOMP , HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS	
SPUDDED 11-30-08	SPUDDED REACHED 1-20-09			18 ELEVATIONS (DK	, rkb, rt,gr,etc)* 12' GR	19 ELEVATION CA	SINGHEAD .	
	.	·		14 PERMIT NO		Rio Arriba	13 STATE New Mexico	
14 PEPAGT NO DATE ISSUED						11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA Sec 34, T27N, R3W 12 COUNTY OR 13 STATE		
At top	rface 1850' FSL & 8' production interval i Il depth	70' FWL, Sec 34 (L), reported below:	T27N, R3W			Blanco Mesa Ve		
	•	eport location clearly	and in accordance with	<u> </u>	· · · · · · · · · · · · · · · · · · ·		•	
3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208						9 API WELL NO 30-039-29804		
NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						8 FARM OR LEASE NAME, WELL NO Jicarilla "93" #12A		
<u>X</u> N	$oldsymbol{X}$ NEW WELL WORKOVER DEEPEN PLUG BACK DIFFRESVR OTHER						DIST 9	
	OF WELL FOIL WELL OF COMPLETION	X GAS WELL	DRY OTHER	RCVD JAN 29 09 DIL CONS. DIV.				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG* Bureau of Land Manage 1a Type of Well I foil Well X GAS WELL DRY OTHER Farmington Field Off						Jicarilla Apache Nation J UNIT AGREEMENT NAME		
SUUL & & MAC						6 IF INDIAN,ALLOTTEE OR		
				r	everse side)	Jicarılla contract	ation and lease no : #93	

TITLE Drlg COM DATE 1-21-09

JAN 28 2009



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 TOP BOTTOM FORMATION DESCRIPTION, CONTENTS, ETC NAME TOP MEASURED NAME TRUE VERTICAL DEPTH DEPTH KIRTLAND 3574' PICTURED CLIFFS 3801' CLIFFHOUSE 5552' 5670' MENEFEE 5998' POINT LOOKOUT MANCOS 6289'