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 reverse side)

5 LEASE DESIGNATION AND LEASE NO NMSF-078769

6 IF INDIAN, ALLOTTEE OR

13	`	AFFT COMISTI	ETION OR REC	OMPLE HON R	EPORT AND L	UG^		
NAME OF OFERATOR	la TYPE	OF WELL I OIL WELL	<u>X</u> GAS WELL	DRY OTHER	RE	CEIVE	77 UNIT AGREEME	NT NAME
ADDRESS AND TELEPHONE NO PO. BOX 3102 MS 25-1 TULS A, OK 74101 [918) 573-6254 1 I.OCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1980 PSL & 800 PWL At Use production interval reported below: At total depth: 11 SEC, T.R.M. OR BLOCK AND SURVEY CHARGE SURVEY CHARGE 13 DATE SURVEY CHARGE 14 PERMIT NO DATE ISSUED 15 DATE SURVEY CHARGE 16 DATE TD SURVEY CHARGE 17 DATE COMPTON 17 DATE COMPTON 18 DATE TD SURVEY CHARGE 18 DATE TD SURVEY CHARGE 18 DATE TD SURVEY CHARGE 19 DATE TD SURVEY CHARGE 19 DATE TD SURVEY CHARGE 10 SURVEY CHARGE 10 SURVEY CHARGE 11 SEC, T.R.M. OR BLOCK AND SURVEY CHARGE 12 SURVEY CHARGE 13 STATE SURVEY CHARGE 14 PERMIT NO DATE ISSUED 15 DATE SURVEY CHARGE 16 DATE TD SURVEY CHARGE 16 DATE TD SURVEY CHARGE 16 DATE TD SURVEY CHARGE 17 SURVEY CHARGE 17 SURVEY CHARGE 18 ELEVATIONS CON BER RETORIC TC) 18 ELEVATIONS CON BER RETORIC TC) 19 TO ACRES TO SURVEY CHARGE 19 SURV			VER DEEPEN PLU	JG BACK DIFF RESVR	OTHER 0	CT 3 0 2007	имим.	VM-45029F
# APPRIESS AND FLEETHONE NO PO . BOX 3102 MS 25-1 TULISA, OK 74101 (918) 573-6234 4	2 NAME	OF OPERATOR	WILLIAMS PRO	DUCTION COMPANY	Bureau	of Land Managem	8 FARM OR LEASE ROS	NAME, WELL NO SA UNIT #146B
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* A I State 1980 'PSL & 800 'FWL. At total depth: B LEACAR REPORT TO SURVEY OR A BLOCK AND SURVEY OR AREA	3 ADDRE	ESS AND TELEPHONE NO)		raiii	ington rield Onice		
AL Surface: 1980; FSL, & 800; FML. Al total depth: 11 SEC, T.F.M., OR BLOCK AND SURVEY OR AELANNY SWA'S SEC 28-31N-5W NOW SWAYS SEC 28-31N-5W NEW MEXICO OF THE COMPLETED (BEADY TO FRODUCE) 10 BELEVATIONS, OK, KIR, BETOR, ETC.)* 15 DATE SPURDED REACHED 0717/007 10 FLEVATION SWAYS 10 FLEVATION SWAYS			P O. BOX 3102 MS	3 25-1 TULSA, OK 741	01 (918) 573-6254		30-03	39-29833 - 00 DZ
11 SEC. T.R. M. OR BLOCK AND SURVEY OR READ 14 PERMITYNO DATE ISSUED 12 COUNTY OR SURVEY	At Su At top	rface: 1980' FSL & 8 production interval r	00' FWL	and in accordance with a	any State requirement	s)*		•
15 DATE 16 DATE TD 17 DATE COMPLETED (READY TO PRODUCE) 18 ELEVATIONS (DK. R.R.B., R.T.G.K.ETC.)* 19 ELEVATION CASINGHEAD	At tole	и исрии.	SURVEY OR AREA NW/4 SW/4 SEC 28-31N-5W					
SEPTIONED REACHED 10/09/07 6451 'GR					14 PERMIT NO	DATE ISSUED		
21 PLUG. BRCT D. MD & TVD	SPUDDED	REACHED			1		19 ELEVATION CA	SINGHEAD
BLANCO MESAVERDE \$278 - 6008 YES 20 TYPE FLECTIX AND OTHER LOGS RUN 27 WAS WILL CORED NO	20 TOTAL DEPTH, N		1				l	CABLE TOOLS
No No No	BLANCO ME	SAVERDE 5278		A, NAME (MD AND TVD)*			YES	
CASING SIZE/GRADE								ĘD
10 %", K-55				DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEM	MENTING RECORD	AMOUNT PULLED
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTIL SET (MD) PACKER SET (MD)						315 SX - SURFACE		T.MOOIT TOLLES
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTIL SET (MD) PACKER SET (MD)	· · · · · · · · · · · · · · · · · · ·		26 4# 3803'		9 1/8"	983 SX – St	983 SX – SURFACE	
S \(\frac{1}{2}\) 17#, J-55 0' 8 104' 230 SX 2-1/16", J-55, 3 25# 6013' 6114' 31 PERFORATION RECORD (Interval, size, and number) ToC 2 U000		TOP (MD)	POTTOM (MD)	SACKS CEMENTA	COPERN (MD)	30 TUBING RECORD		DACKED SET (MD)
31 PERFORATION RECORD (Interval, size, and number) 70 (2 4000 ft) CH/MEN 5278' - 5610'. Total of 50, 0 34" holes PLO: 5770' - 6008'. Total of 42, 0 34" holes PLO: 5770' - 6008'. Total of 42, 0 34" holes PRODUCTION DATE OF FIRST PRODUCTION DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Producing DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Producing PRODUCTION OF GAS (Solid, used for fuel, vented, etc.) TO BE SOLD 33 DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) TO BE SOLD SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM					SCREEN (MD)			
STROY - 6008'. Total of 42, 0 34" holes STROY - 6008'. Total of 42,	31 PERFORATION R		number) Toc = 40	00 te	DEPTH INTERVAL	TURE, CEMENT SQUEEZE,	ETC	
TEST WITNESSED BY Craig Ward STRON OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD STRON OF GAS (SOLD, used for fuel, vented, etc.) TO BE SOLD STRON OF GAS (WATER ABLA) DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Producing			,				•	•
DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing Producing Produ					5770' – 6008'		_	CONS. DIV.
Producing DATE OF TEST TESTED CHOKE SIZE PRODN FOR TEST OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 10/01/07 1 5 hrs 2" PERIOD 1375 FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF WATER - BBL OIL GRAVITY-API (CORR) 5 34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY Craig Ward SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM	33 PRODUCTION							USI. 3
DATE OF TEST TESTED CHOKE SIZE PROD'N FOR TEST OIL - BBL GAS - MCF WATER - BBL GAS-OIL RATIO 1375 FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF WATER - BBL OIL GRAVITY-API (CORR) TEST WITNESSED BY Craig Ward TEST WITNESSED BY Craig Ward SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM	DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas life				as lift, pumping-size and type	of pump)	TUS (PRODUCING OR SI)	
10/01/07 1 5 hrs 2" PERIOD 1375 FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL – BBL. GAS – MCF WATER – BBL OIL GRAVITY-API (CORR) 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				Flow	ng			
FLOW TBG PRESS CASING PRESSURE CALCULATED 24-HOUR RATE OIL – BBL. GAS – MCF WATER – BBL OIL GRAVITY-API (CORR) 0 5 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	DATE OF TEST	TESTED	CHOKE SIZE		OIL - BBL	GAS – MCF	WATER - BBL	GAS-OIL RATIO
0 5 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	10/01/07	1 5 hrs	2"	PERIOD		1375		
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM			CALCULATE	24-HOUR RATE	OIL – BBL.	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM	34 DISPOSITION OF	GAS (Sold used for fuel ve	ented etc.) TO RESOLD				TEST WITNESSED I	J BY Craig Ward
				ONES, WELLBORE DIAG	RAM			
			information is complete and	correct as determined from all a	ivailable records			

NMOCD

TITLE Sr. Production Analyst DATE October 29, 2007

ACCEPTED FOR RECORD

NOV U 2 2007

FARESCION FIELD OFFICE

<u>.</u>	···-				38 GEOLOGIC MARKERS				
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	тов			
FORMATION						NAME	MEASURED DEPTH	MEZSURED TRUE VERTICAL DEP	
						KIRTLAND	2727		
				ai D:		PICTURED CLIFFS	2727; 349 8; 551 6 ;		
						CLIFFHOUSE	5516		
				and the second s		MENEFEE	5560'		
,						POINT LOOKOUT	5769,		
						MANCOS	6224		
						DAKOTA	7982'		
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