In Lieu of Form 3160-4 (July 1992)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT (See other instructions on AUG 2 verse sign) US

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

5 LEASE DESIGNATION AND LEASE NO.
NMSF-078770\_\_\_\_\_

	•				an Management	6 IF INDIAN.ALLO	FTEE OR,		
7	WELL COMPL	ETION OR RE	COMPLETION R	EPORT AND L	OG de Office				
				i amino		7 UNIT AGREEME	NT NAME		
	OF WELL   F OIL WELL		DRY OTHER						
b TYPE OF COMPLETION:  X NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER							Rosa Unit		
<del></del>	OF OPERATOR								
2. NAME	OF OPERATOR	WILLIAMS DD	ODUCTION COMPANY	7		8 FARM OR LEASE NAME, WELL NO			
			JDUCTION COMPANT	·		Rosa Unit #378A			
3 ADDR	ESS AND TELEPHONE N					9. API WELL NO			
			Aztec, NM 87410 (505			30-039-30152 <b>- 005</b> \$			
	,		and in accordance with a	any State requirement	ts)*	10 FIELD AND POOL, OR WILDCAT			
At top	rface 510' FSL & 22' production interval r al depth Same	eported below: 990°	_T31N, R5W   FSL & 2225' FEL, Sec	27 (O), T31N, R5W		Basu	n Fruitland Coal		
		, 0	•••			11 SEC, T,R,M,O			
						SURVEY OR AR	ea 27-31N-5W		
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE		
				14 FERMIT NO		Rio Arriba	New Mexico		
15 DATE	16 DATE T D	17 DATE COMPLETE	ED (READY TO PRODUCE)	18 ELEVATIONS (DK	, RKB, RT,GR,ETC)*	19 ELEVATION CAS	SINGHEAD		
SPUDDED	REACHED	8	-21-08	675	58' GR				
7-3-08	7-25-08		1 con A col 100		1		Lauryman		
20 TOTAL DEPTH, 1 375	O' MD	21 PLUG, BACK T D 3750' MD	, MD & TVD	22 IF MULTCOMP, HOW MANY	23 INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS		
24 PRODUCING INT	ERVAL(S), OF THIS COM	PLETION - TOP, BOTTO	M, NAME (MD AND TVD)*	1		25 WAS DIRECTION	NAL SURVEY MADE		
	d Coal 3535' - 3650	)'				YES -			
26 TYPE ELECTRIC	AND OTHER LOGS RUN					27 WAS WELL CORED			
	only on this well					NO			
	(Report all strings set in wel	l) WEIGHT, LB /FI	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT CH	MENTING RECORD	AMOUNT PULLED		
CASINGS	CASING SIZE/GRADE 9-5/8", K-55								
		36.0#	336'				78.10011.102222		
9-5/8	", K-55	36.0#	336'	12-1/4"	200 SX - S	SURFACE -			
9-5/8					200 SX - S				
9-5/8	", K-55	36.0#	336'	12-1/4"	200 SX - S	SURFACE -			
9-5/8 7'', 29 LINER RECORD	", K-55 K-55	36.0#	336' 3518'	12-1/4" 8-3/4""	200 SX - S 525 SX - S 30 TUBING RECORD	SURFACE -	-		
9-5/8 7°, 29 LINER RECORD SIZE	", K-55 K-55	36.0# 23.0# BOTTOM (MD)	336' 3518'  SACKS CEMENT*	12-1/4"	200 SX - S 525 SX - S 30 TUBING RECORD SIZE	SURFACE URFACE DEPTH SET (MD)	PACKER SET (MD)		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80	TOP (MD) 3381'	36.0# 23.0# BOTTOM (MD) 3750'	336' 3518'	12-1/4" 8-3/4"" SCREEN (MD)	200 SX - S 525 SX - S 30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55	DEPTH SET (MD)	-		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80	", K-55 K-55	36.0# 23.0# BOTTOM (MD) 3750'	336' 3518'  SACKS CEMENT*	12-1/4" 8-3/4"" SCREEN (MD)	200 SX - S  525 SX - S  30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 FURE, CEMENT SQUEEZE	DEPTH SET (MD)	PACKER SET (MD)		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R	TOP (MD) 3381'	36.0# 23.0# BOTTOM (MD) 3750'	336' 3518'  SACKS CEMENT*	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL	200 SX - S  525 SX - S  30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 FURE, CEMENT SQUEEZE	DEPTH SET (MD) 3733' ETC UNT AND KIND OF MAT	PACKER SET (MD)		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R	TOP (MD) 3381' ECORD (Interval, size, and	36.0# 23.0# BOTTOM (MD) 3750'	336' 3518'  SACKS CEMENT*	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL	200 SX - S 525 SX - S 30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 FURE, CEMENT SQUEEZE AMC	DEPTH SET (MD) 3733' ETC UNT AND KIND OF MAT	PACKER SET (MD)		
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9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C	TOP (MD) 3381' ECORD (Interval, size, and	36.0# 23.0# BOTTOM (MD) 3750' number)	336' 3518'  SACKS CEMENT*	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 TURE, CEMENT SQUEEZE AMC Well was not fraced	DEPTH SET (MD) 3733' ETC UNIT AND KIND OF MAT	PACKER SET (MD)		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C	TOP (MD) 3381' ECORD (Interval, size, and  "coal – 3535' – 3650'	36.0# 23.0# BOTTOM (MD) 3750' number)	336' 3518'  SACKS CEMENT* 0 SX	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 TURE, CEMENT SQUEEZE AMC Well was not fraced	DEPTH SET (MD) 3733' ETC UNIT AND KIND OF MAT	PACKER SET (MID) FERIAL USED		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C	TOP (MD) 3381' ECORD (Interval, size, and  "coal – 3535' – 3650'	36.0# 23.0# BOTTOM (MD) 3750' number)	336' 3518'  SACKS CEMENT* 0 SX	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 TURE, CEMENT SQUEEZE AMC Well was not fraced	DEPTH SET (MD) 3733' ETC UNIT AND KIND OF MAT	PACKER SET (MD)  FERIAL USED  US (PRODUCING OR SI)		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C	TOP (MD) 3381' ECORD (Interval, size, and	36.0# 23.0#  BOTTOM (MD) 3750' number)	336' 3518'  SACKS CEMENT* 0 SX  CCTION METHOD (Flowing, ga	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)  Is lift, pumping-size and type	30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 TURE, CEMENT SQUEEZE AMC Well was not fraced	DEPTH SET (MD)  3733' , ETC  UNIT AND KIND OF MAT  Or actdized  WELL STAT	PACKER SET (MD)  FERIAL USED  US (PRODUCING OR SI)  waiting on tic-in		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C  33 PRODUCTION DATE OF FIRS  DATE OF TEST 8-18-08	TOP (MD) 3381' ECORD (Interval, size, and Coal – 3535' – 3650'  T PRODUCTION  TESTED  1 hr	36.0# 23.0#  BOTTOM (MD) 3750' number)  PRODU  CHOKE SIZE 2'	336' 3518'  SACKS CEMENT* 0 SX  O SX  JCTION METHOD (Flowing, ga Flow: PROD'N FOR TEST PERIOD	SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)  as lift, pumping-size and type	200 SX - S  525 SX - S  30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55  TURE, CEMENT SQUEEZE AMO  Well was not fraced	DEPTH SET (MD) 3733' , ETC UNIT AND KIND OF MAT  OF ACIDIZED  WELL STAT  SI  WATER - BBL	PACKER SET (MD)  FERIAL USED  US (PRODUCING OR SI)  waiting on tic-in  GAS-OIL RATIO		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C	TOP (MD) 3381' ECORD (Interval, size, and  'oal – 3535' – 3650'  T PRODUCTION  TESTED	36.0# 23.0#  BOTTOM (MD) 3750' number)  PRODU  CHOKE SIZE 2'	336' 3518'  SACKS CEMENT* 0 SX  O SX  CTION METHOD (Flowing, ga	12-1/4" 8-3/4""  SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)  Is lift, pumping-size and type	30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55 TURE, CEMENT SQUEEZE AMC Well was not fraced	DEPTH SET (MD)  3733' , ETC  UNIT AND KIND OF MAT  Or actdized  WELL STAT	PACKER SET (MD)  FERIAL USED  US (PRODUCING OR SI)  waiting on tic-in		
9-5/8 7", 29 LINER RECORD SIZE 5-1/2", 17#, N-80 31 PERFORATION R  Basin Fruitland C  33 PRODUCTION DATE OF FIRS  DATE OF TEST 8-18-08 FLOW TBG PRESS 0 oz	TOP (MD) 3381' ECORD (Interval, size, and  'oal - 3535' - 3650'  T PRODUCTION  TESTED 1 hr  CASING PRESSURE	36.0# 23.0#  BOTTOM (MD) 3750' number)  PRODU  CHOKE SIZE 2'  CALCULATE	336' 3518'  SACKS CEMENT* 0 SX  O SX  JCTION METHOD (Flowing, ga Flow: PROD'N FOR TEST PERIOD	SCREEN (MD)  32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)  as lift, pumping-size and type	200 SX - S  525 SX - S  30 TUBING RECORD SIZE 2-7/8", 6.5#. J-55  TURE, CEMENT SQUEEZE AMC  Well was not fraced	DEPTH SET (MD) 3733' , ETC UNIT AND KIND OF MAT  OF ACIDIZED  WELL STAT  SI  WATER - BBL	PACKER SET (MD)  FERIAL USED  US (PRODUCING OR SI)  waiting on tie-in  GAS-OIL RATIO  OIL GRAVITY-API (CORR )		

35 LIST OF ATTACHMENTS

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

NMOCD DATE 8-25-08

ACCEPTED FOR RECORD SEP 0 8 2008

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	ТОР		
TORMATION	101	БОТТОМ	DESCRIPTION, CONTENTS, ETC			NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
		,				OJO ALAMO	2932'	2897'
						KIRTLAND	3038'	3002'
						FRUITLAND	3392'	3352'
						,		
							-	
			,					
								,