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Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Bureau of Land Management
Farmington Field Office

APR 10 2009
SUBMIT IN
DUPLICATE

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

5 LEASE DESIGNATION AND LEASE NO
Jicarilla contract #93
6 IF INDIAN ALLOTTEE OR
Jicarilla Apache Nation
7 UNIT AGREEMENT NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a	TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER	
b	TYPE OF COMPLETION ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFT RESVR ☐ OTHER	
2	NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY	
3	ADDRESS AND TELEPHONE NO P O. Box 640, Aztec, NM 87410 (505) 634-4208	
4	LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1190' FNL & 660' FWL, Sec 34 (D), T27N, R3W At top production interval reported below: Same At total depth: Same	
15 DATE SPUDDED 11-25-08	16 DATE TD REACHED 12-13-08	17 DATE COMPLETED (READY TO PRODUCE) 4-7-09
20 TOTAL DEPTH, MD & TVD 6530' MD		21 PLUG, BACK TD, MD & TVD 6485' MD
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesa Verde 6014' - 6225'		25 WAS DIRECTIONAL SURVEY MADE NO
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Gamma Ray-Density-Neutron, Compensated Dual Neutron		27 WAS WELL CORED NO

28 CASING REPORT (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB / FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4", K-55	40 5#	317'	14-3/4"	200 SX - SURFACE	
7-5/8", K-55 & P-110	26 4# & 29 7#	6514'	9-7/8"	1200 SX - DV tool @ 4202'	
				TOC below DV tool @ 4900' / TOC above DV tool @ 1710'	
29 LINER RECORD				30 TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				2-7/8", 6 5# J-55	6227'
31 PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
P.L.O. 6014' - 6225' Total of 60, 0 38" holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				6014'-6225' PLO	Fraced with 93,093# 20/40 white sand

RCVD APR 15 '09

OIL CONS. DIV.

DIST. 3

33 PRODUCTION	
DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)
DATE OF TEST	WELL STATUS (PRODUCING OR SI)
TESTED	SI - waiting tie in
CHOKER SIZE	
PROD'N FOR TEST PERIOD	
OIL - BBL	
GAS - MCF	
WATER - BBL	
GAS-OIL RATIO	
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
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Larry Higgins TITLE Drlg COM DATE 4-10-09

NMCO

APR 13 2009
FARMINGTON FIELD OFFICE
BY [Signature]

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			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
					KIRTLAND	3704'		
					PICTURED CLIFFS	3921'		
					CLIFFHOUSE	5690'		
					MENEFEE	5768'		
					POINT LOOKOUT	6049'		
					MANCOS	6396'		
				</				

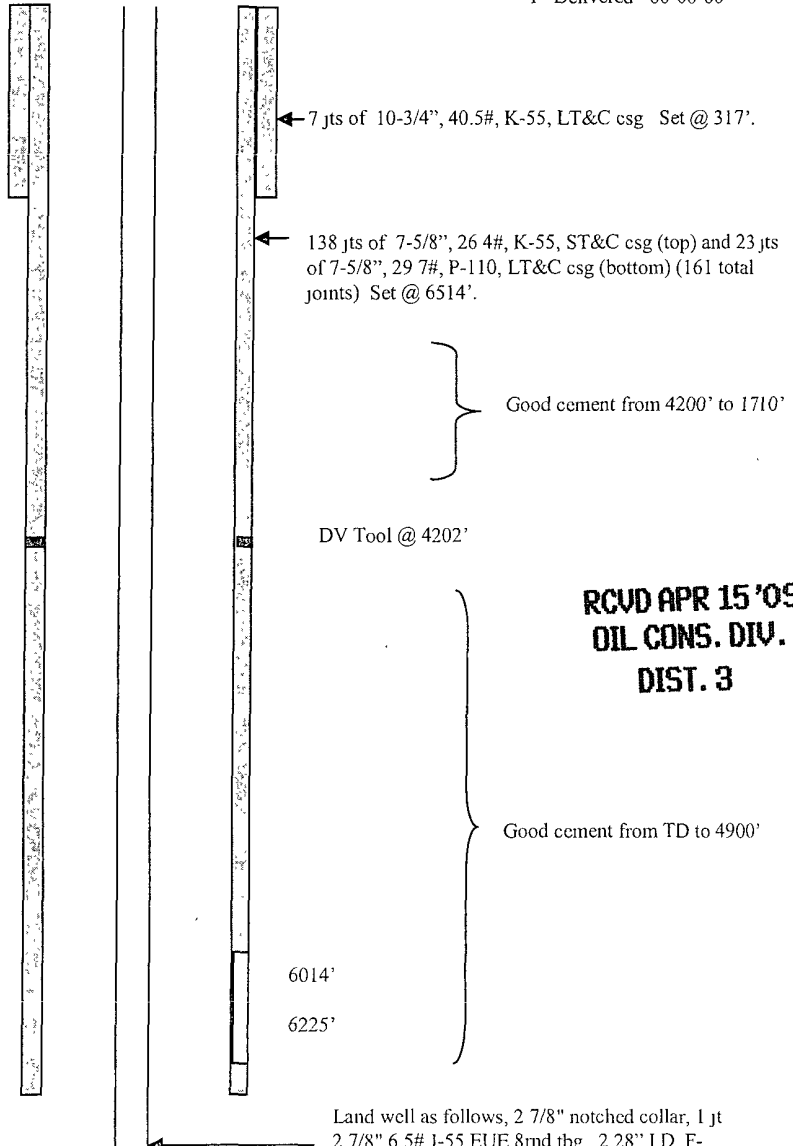
Jicarilla 93 #12B
Blanco Mesa Verde

Spud Date 11-25-08
Completed: 04-07-09
1st Delivered 00-00-00

Location:
1190' FNL & 660' FWL
NW/4 NW/4 Section 34 (D), T27N, R03W
Rio Arriba Co, NM

Elevation: 7181' GR
API #: 30-039-29805

<u>Tops</u>	<u>Depth</u>
Frutland	3704'
Pictured Cliffs	3921'
Chiff House	5690'
Menefee	5768'
Point Lookout	6049'
Mancos	6396'



Point Lookout 6014' - 6225' (60, 0 38" holes) Frac w/
93,093# 20/40 white sand

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TD @ 6530'
PBSD @ 6485'

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14-3/4"	10-3/4", 40.5#	200 sxs	281 cu.ft.	surface
9-7/8"	7-5/8", 26.4# & 29.7#	1200 sxs	2546 cu.ft.	See above