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

(See other instructions on reverse side)

Expires: February 28, 1995

				теч	verse side)	5 LEASE DESIGNA 701-06-0016	TION AND LEASE NO.		
WELL COMPLETION OF DECOMPLETION DEPORT AND LOC4							6. IF INDIAN,ALLOTTEE OR JAECO		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*							T NAME		
la. TYPE C	OF WELL I' OIL WELL	X GAS WELL	DRY OTHER	PEC	EVED				
	OF COMPLETION, WWELL WORKOVI	ER DEEPEN X PLU	G BACK DIFF RESVR		A Branch M. Branch State of the Control of the Cont				
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY AUG 10 2010							8.FARM OR LEASE NAME, WELL NO. JAECO-WPX 28-3 21 #001		
3. ADDRE	ESS AND TELEPHONE NO),		Earming	ton Field Office	9. API WELL NO			
P.O. Box 640, Aztec, NM 87410 (505) 634-4208 reau of Land Management							30-039-30595-0063		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							10. FIELD AND POOL, OR WILDCAT BLANCO MV		
At Surface:2310' FNL & 790' FEL, Sec 21 (H), T28N, R3W At top production interval reported below: Same									
	al depth: Same	•					ny cor		
						11. SEC., T,R.,M., OR BLOCK AND SURVEY OR AREA			
					L D LOW YOU TO	Sec 21, T28N, R3W			
				14. PERMIT NO.	DATE ISSUED	12 COUNTY OR Rio Arriba	13 STATE New Mexico		
15. DATE	16 DATE T.D.	17 DATE COMPLETED	(READY TO PRODUCE)	18. ELEVATIONS (DK,	RKB, RT,GR,ETC)*	19. ELEVATION CAS	INGHEAD		
SPUDDED 2/13/10	REACHED 3/12/10	6/2	2/2010	704	2' GR				
20. TOTAL DEPTH, N	MD & TVD 5' MD	21 PLUG, BACK T.D., 1 8105' MD	MD & TVD	22 IF MULTCOMP , HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS X	CABLE TOOLS		
	* **	PLETION - TOP, BOTTOM	A, NAME (MD AND TVD)*	2		25. WAS DIRECTION	AL SURVEY MADE		
Blanco MV 56	556' – 6282' AND OTHER LOGS RUN					NO 27. WAS WELL CORED			
	Compensated GR-Der					NO NO			
28,CASING REPORT	(Report all strings set in wel SIZE/GRADE		DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CE	MENTING RECORD	AMOUNT PULLED		
	4", J-55	40.5#	312'	14-3/4"	200 SX - S		AMOUNT POLLED		
7-5/8	", K-55	26.4#	4143'	9-7/8"	635 SX	- 300'			
4.5"	, N-80	11 6#	8469'	6-3/4"	500 SX – 25	550' TOC			
29 LINER RECORD SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)		
			SACKS CEWENT	SCREEN (ND)	2 3/8" 4.7# N-80	6242'	TACKER SET (MD)		
31 PERFORATION R	ECORD (Interval, size, and	number)		32 ACID, SHOT, FRAC DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZE, AMO	, ETC UNT AND KIND OF MA	FERIAL USED		
Upper MV; 38,	0.34" holes			5656' 5923'	Frac w/ 80,000# 20/-	40 PR w/SWNT	THE S		
Lower MV: 58, 0).34" holes				Fire w/ 80 000# 20/	40 DD/CWNIT			
5975' - 6282'					11ac w/ 80,000# 20/	Frac w/ 80,000# 20/40 PR w/SWNT RCVD AUG 16 '10 OIL CONS. DIV.			
					DIST. 3				
33 PRODUCTION	··········								
DATE OF FIRS	T PRODUCTION	PRODU	CTION METHOD (Flowing, g	as lift, pumping-size and type	e of pump)	WELL STAT	US (PRODUCING OR SI)		
6/8/2010 Flowing					Producing				
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS – MCF	WATER - BBL	GAS-OIL RATIO		
FLOW TBG PRESS	CASING PRESSURE	CALCULATEI	24-HOUR RATE	OIL – BBL	GAS – MCF	CEPTEDFO	RECORD OLL GRAVITY-API (CORR.)		
ļ						AIIG 13	2010		
	GAS (Sold, used for fuel, ve					TEST WITNESSED B	Υ.		
						ARMINGTON F			
36 I hereby certify that SIGNED	the foregoing and attached	information is complete and			B DATE <u>8/9/2010</u>	Y			
				MOCD					

FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC NA		NAME		TOP	
						NAME	MEASURED DEPTH	TRUE VERTICAL DEP
						LEWIS	3928'	
						CLIFFHOUSE	5649'	
						POINT LOOKOUT	5971'	
						MANCOS	6403'	
						GRENEROS	8028'	
						DAKOTA	8153'	
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In Lieu of Form 3160-4

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

(July 1992) BUREAU OF LAND MANAGEMENT (See other instructions on reverse side) 5. LEASE DESIGNATION AND LEASE NO. 701-06-0016 6. IF INDIAN, ALLOTTEE OR WELL COMPLETION OR RECOMPLETION REPORT AND LOG* JAECO 7. UNIT AGREEMENT NAME Type of well $\;\;$ coil well $\;\;$ \underline{X} GAS WELL1a. DRY OTHER TYPE OF COMPLETION: b. NEW WELL WORKOVER DEEPEN X PLUG BACK DIFF.RESVR OTHER NAME OF OPERATOR 8 FARM OR LEASE NAME, WELL NO. 2 WILLIAMS PRODUCTION COMPANY JAECO-WPX 28-3 21 #001 Farmington Field Cifics 3. ADDRESS AND TELEPHONE NO. Bureau of Land Managemen 9. API WELL NO. 30-039-30595 - -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:2310' FNL & 790' FEL, Sec 21 (H), T28N, R3W BASIN MC At top production interval reported below: Same At total depth: Same 11. SEC., T ,R.,M., OR BLOCK AND SURVEY OR AREA Sec 21, T28N, R3W DATE ISSUED .12. COUNTY OR 14. PERMIT NO. 13. STATE New Mexico Rio Arriba 16. DATE T.D. 17. DATE COMPLETED (READY TO PRODUCE) 18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 19. ELEVATION CASINGHEAD 15, DATE REACHED 6/22/2010 SPUDDED 7042' GR 3/12/10 2/13/10 21 PLUG, BACK T.D., MD & TVD 20. TOTAL DEPTH, MD & TVD 22. IF MULTCOMP. 23. INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY DRILLED BY 8475' MD 8105' MD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE Basin MC 7054' - 7494' The MC production is shut in pending commingle authorization NO 26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED Array Induction, Compensated GR-Density-Neutron NO 28.CASING REPORT (Report all strings set in well DEPTH SET (MD) HOLE SIZE TOP OF CEMENT, CEMENTING RECORD CASING SIZE/GRADE WEIGHT, LB/FT AMOUNT PULLED 10-3/4", J-55 40.5# 312 200 SX - SURFACE 14-3/4" 7-5/8", K-55 26.4# 4143 9-7/8" 635 SX - 300' 4.5", N-80 8469 500 SX - 2550' TOC 11.6# 6-3/4" 29.LINER RECORD 30. TUBING RECORD TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) DEPTH SET (MD) PACKER SET (MD) SIZE SIZE 2 3/8" 4.7# N-80 6242 31. PERFORATION RECORD (Interval, size, and number) 32.ACID, SHOT, FRA DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED (MD) 7054' - 7274' Frac w/ 5000# 100 mesh BASF sand followed with 130,600# of <u>Upper MC</u>; 93, 0.34" holes 40/70 BASF sand Lower MC: 78, 0.34" holes Frac w/5000# 100 mesh BASF sand followed with 113,400# of 7306' - 7494' 40/70 BASF sand RCVD AUG 16'10 OIL CONS. DIV. 33 PRODUCTION DIST. 3 DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (PRODUCING OR SI) 4/29/2010 Shut In RECORSOIL RATIO GAS - MCFACOEPMED FOR DATE OF TEST PROD'N FOR TEST TESTED CHOKE SIZE OIL - BBL. PERIOD CALCULATED 24-HOUR RATE FLOW TBG PRESS CASING PRESSURE OIL - BBL. GAS - MCF OIL GRAVITY-API (CORR.) FARMINGTON FIELD OFFICE 56V 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD 35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36 I hereby certify ing and attacked information is complete and correct as determined from all available records

TITLE Regulatory Specialist DATE 8/9/2010

37 SUMMARY OF POROUS cushion used, time tool ope	ZONES. (Show all important zor n, flowing and shut-in pressures, :	es of porosity and contents thereof and recoveries).	, cored intervals, and all drill-stem, t	ests, including depth interval tested,	38 GEOLOGIC MARKER	S		
FORMATION	ТОР	воттом	DESCRIPTION, CONTENTS, ETC		NAME	ТОР		
			·			NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
						LEWIS	3928'	
						CLIFFHOUSE	5649'	
						POINT LOOKOUT	5971'	
						MANCOS	6403',	
						GRENEROS	8028'	
		l i				DAKOTA .	8153'	
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JAECO-WPX 28-3 21 #001 Blanco MV, Basin MC, Basin DK

Spud Date: 2/13/2010

Location:

2310' FNL & 790' FEL ALL Section 21(H), T28N, R3W Rio Arriba, NM

Elevation: 7042' GR API #: 30-039-30595

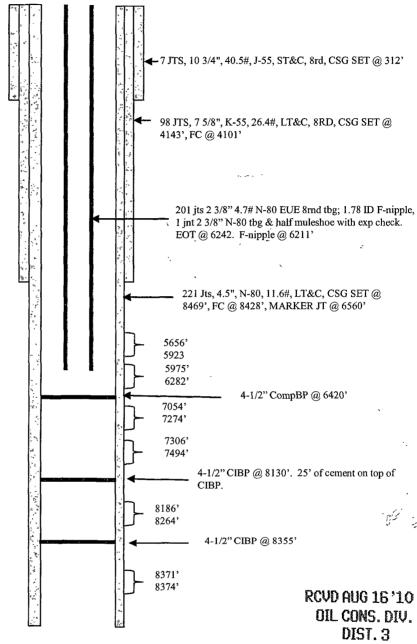
<u>Tops</u>	<u>Depth</u>
Lewis	3928'
Cliff House	5649'
Point Lookout	5971'
Mancos	6403'
Greneros	8028'
Dakota	8153'

Mesaverde 2nd: 5656'-5923' (38, 0.34" holes) Frac with 80,000# 20/40 PR w/SWNT Mesaverde 1st: 5975'-6282' (58, 0.34" holes) Frac with 80,000# 20/40 PR w/SWNT

Mancos 2nd: 7054' – 7274' (93, 0.34" holes) Frac with 5000# 100 mesh BASF followed w/130,600# 40/70 mesh BASF Mancos 1st: 7306' – 7494' (78, 0.34" holes) Frac with 5000# 100 mesh BASF followed w/113,400# 40/70 mesh BASF

<u>DK</u> 8186'-8264' (60, 0.34" holes) Frac w/ 5000# 100 mesh Ottawa sand followed with 94,100 40/70 Ottawa sand

<u>Lower DK</u>: 8371' – 8374' (12, 0.34" holes) These holes not fraced



TD @ 8475' PBTD @ 8105'

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
14-3/4"	10 3/4", 40.5#	200 s xs	360 cu.ft.	surface
9 7/8"	7", 26.4#	635 s xs	1579 cu.ft.	300
6 3/4"	4-1/2", 11.6#,	500 s xs	700 cu.ft.	2550' (CBL)

