Submit To Approp			State of Ne	w Me	xico						Form C-105					
District I 1625 N. French Dr	Energy, Minerals and Natural Resources							July 17, 2008								
District II		1. WELL API NO. 30-039-30381														
1301 W. Grand Av District III					l Conserva				ŀ	2. Type of I						
1000 Rio Brazos R District IV	d., Aztec, NM	87410			20 South S			r.	L	STATE X FEE   FED/INDIAN						
1220 S. St Francis				Santa Fe, NM 87505  3. State Oil & Gas Lease No.												
		ETION OF	RECC	MPL	ETION RE	PORT	AND	LOG		1		*4.	21		The state of the	
4. Reason for fil	ing:									<ol><li>Lease Nar Rosa Unit</li></ol>	ne or U	nit Agree	ment Nai	me		
X COMPLETI	ON REPOR	T (Fill in box	es #1 throug	gh #31 f	or State and Fee	wells onl	ly)		Ī	6. Well Num	iber:		THE SET STATE		APR (****)	
C-144 CLO									or /	Rosa Unit #1	7C	100	JVD SE	ef d'		
7. Type of Comp		ODVOVED		NINC	DILLICDACK		EEDEN	T DECEDA	AID.	OTHER		110	LCUN	6. D	1,1	
8. Name of Oper		iams Produc			□PLUGBACK LC		FEREN	I KESEKV	JIK	9. OGRID	12	0782	D.T.C.	T G		
			-	· ·					_		***		DIS	1.0		
10. Address of O	perator	P.O. Box	640, Azte	ec, NM	87410					11. Pool nam Basin Manco		ıldcat				
12.Location	Unit Ltr	Section	Towns	ship	Range	Lot		Feet from t	he	N/S Line	Feet	from the	E/W L	ıne	County	
Surface:	•	20	2127		C11/			1040		COLUTIA	525		WEGT	,	RIO	
BH:	L	20	31N		5W			1940		SOUTH	535		WEST		ARRIBA RIO	
12 D . G . 11	K	20 T.D. D. 1	31N	Dir. Di	5W		116	2290	1	SOUTH	230		WEST		ARRIBA	
13 Date Spudde 6-10-09	d 14. Date	T.D. Reached 6-29-09	1   15. 1   7-5-(		g Released			9-09	етеа	(Ready to Pro	auce)		T, GR, et		and RKB, 1'	
18. Total Measur		Well			ck Measured Dep	pth			iona	Survey Made		Type Electric and Other Logs Run				
8528' MD / 799	0" TVD		8510	)' MD			YE	S			Array Induction, Compensated GR- Density-Neutron, Temp, Ultra Sonic					
22. Producing In	terval(s) of t	this completio	n - Top Bot	tom N	ame					1		Gas Det	ector			
Basin Mancos	7372'-7815'	ins completio	ii - Top, Do	uom, rv	ame											
				CAS	INC DEC	<u> </u>	(D. 242				, a11\					
CASING S	7F	WEIGHT L	R/FT	CAS	ING REC	<u>UKD</u>		DE SIZE	nng	S SEL IN W		CORD I	AM	10UNT	PULLED	
10-3/4		40.5			310'			4-3/4"		290 sxs			1111	100111	1 CEEEE	
7-5/8"		26.4	‡		4436'		ç	7/8"		745 sxs	- sur	face				
5-1/2"		17#			8528'		- 6	5-3/4"		340 sxs –	4210	cbl			**	
24.	<u>i</u>			LIN	ER RECORD	i		···	25.	<u> </u>	TURD	NG REC	ORD			
SIZE	TOP	]	ВОТТОМ	2211	SACKS CEM	IENT S	SCREEN	J	SIZ			EPTH SET		PACK	ER SET	
										575" 4.7# J-	84	153'				
									55		$\dashv$					
26 Perforation	record (inte	rval, size, and	number)		1		27. AC	ID, SHOT,	FR.	ACTURE, C	<u> </u>	IT, SOU	<u> </u>	ETC.		
Upper Mancos	`	, ,	•			I	DEPTH	INTERVAL		AMOUNT	AND I	IND MA	TERIAL	USED		
<u>Opper mancos</u>	1312 -1330	(05, 0.54 II	ics)			<u> </u>	7372'-′			4820# 10					<del> </del>	
Lower Mancos:	7709'-7815'	(54, 0.34" ho	les)			<u> </u>	7709'-′	/815		5191# 10	0 mes	sn — 11 /	,662# 4	10//0		
28						PROI	DUC	FION		1						
Date First Produ	ction	Proc	luction Met	hod (Fl	owing, gas lift, p				)	Well Statu	ıs (Pro	d. or Shut-	-in)			
										Shut in -	waiting	on tie in				
Date of Test	Hours T	ested	Choke Sıze	:	Prod'n For	. (	Dıl - Bbl	ı	Gas	- MCF	W	ater - Bbl.		Gas - C	Oil Ratio	
8-28-09	2 hr		1/2"		Test Period											
Flow Tubing Press. 0	Casing I	Pressure	Calculated	24-	Oil - Bbl.	· · · · · · · · · · · · · · · · · · ·	_	- MCF	1	Water - Bbl.		Oil Gra	vity - AP	PI - (Cor	r.)	
}	160 lbs		Hour Rate				354	mcf/d								
29. Disposition of	ot Gas (Sold,	used for fuel,	vented, etc.,	)							Weld	est Witne Ion Higgi	essed By ns			
31. List Attachm	ents										-1					
32. If a temporar	y pit was use	ed at the well,	attach a pla	t with th	e location of the	tempora	ry pit	*								
See pit permit 33. If an on-site			=			=										
1			•		Latitude					Longitude				NΙΛ	D 1027 1083	

Lhereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed Larry Higgins Name

Title Drlg COM

Date 9-2-09

E-mail Address larry.higgins@williams.com

(505) 634-4208

## **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

	ATION TOPS IN CONFORM		
Souther	astern New Mexico	Northweste	rn New Mexico
T. Anhy	T. Canyon_	T. Ojo Alamo 2942'	T. Penn A"
T. Salt	T. Strawn	T. Kırtland 3070'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 3497'	T. Penn. "C"
T. Yates	T. Miss_	T. Lewis 4031'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 5938'	T. Leadville
T. Queen	T. Silurian	T. Menefee 6000'	T. Madison_
T. Grayburg	T. Montoya	T. Point Lookout 6198'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 6736'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 6974'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn 8299'	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota 8433'	
T.Tubb	T. Delaware Sand	T. Morrison	_
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	
			OIL OR GAS SANDS OR ZONE
No. 1, from	to	. No. 3, from	to
No. 2. from	to	. No. 4. from	to
,		T WATER SANDS	
nclude data on rate of wa	ter inflow and elevation to which w		
No. 7, from	toto	feet	•••••
	to		

LITHOLOGY RECORD (Attach additional sheet if necessary)

			EIIIIOEOOI IEEOOIE	, I I I	tuon uu	aitiona	ii biioot ii i.	recessury)
From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology

Submit To Appropriate District Office Two Copies				State of New Mexico							Form C-105					
District I 1625 N. French Dr.	En	Energy, Minerals and Natural Resources							July 17, 2008  1. WELL API NO.							
District II								30-039-30381								
1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410				I III E ONCERVATION I IIVICION							2. Type of Lease					
District IV								r.	-	3. State Oil &			☐ FE	D/INDL	AN	
1220 S. St. Francis			ND DECC		Santa Fe, N			1.00	9	5. State Off 8	e Gas Leasi	e Ivo.		10.50		
4. Reason for fill		ETION	OR RECC	NIPL	ETION RE	PURI	AINL	LOG		5 Lease Nam	e or Unit A	oreer	nent Na	me		
X COMPLETION	J	RT (Fill in bo	oxes #1 throug	gh #31 f	or State and Fee	wells only	)		-	Lease Name or Unit Agreement Name     Rosa Unit     Well Number:						
C-144 CLOS #33; attach this a									or	Rosa Unit #17	C			EP 3 ' 45. DI		
7. Type of Comp	oletion:				□PLUGBACK				OIR	OTHER			DIS	T.3		
8. Name of Oper										9. OGRID	120782	2				
10. Address of O	perator	P.O. Bo	ox 640, Azte	ec, NM	87410					11 Pool name Basin Dakota	or Wildcat	t				
	** ***	16		1.	T 5	I v .		I E . C . d		Mar.	l 10 . C		LEGUI		Ta .	
12.Location Surface:	Unit Ltr	Section	Towns	ship	Range	Lot		Feet from the	ne	N/S Line	Feet from	i the	E/W I	ıne	County RIO	
	L	20	31N		5W			1940		SOUTH	535		WES1	Γ	ARRIBA	
ВН:	K	20	31N		5W			2290		SOUTH	2302		   WEST	Γ	RIO ARRIBA	
13. Date Spudde		e T.D. Reach	ed 15 1				Date Compl	eted	(Ready to Prod			Elevat		and RKB,		
6-10-09 18. Total Measur	red Depth of			* -	ck Measured De	nth			ional	Survey Made?	21	i			ther Logs Run	
8528' MD / 799				)' MD		r	YE			Array Induction, Compensated GR- Density-Neutron, Temp, Ultra Sonic Gas Detector					nsated GR-	
22. Producing In BASIN DAKOT	ion - Top, Bo	Top, Bottom, Name														
22				CAS	INC DEC	ODD (	Don	ort all str		ra act in xx	<u></u>					
23. CASING SI	ZE T	WEIGHT	LB /FT	LAS	ING REC	UKD (		OLE SIZE	1112	CEMENTIN		DΙ	AN	<b>MOUNT</b>	PULLED	
10-3/4"		40.		310'				4-3/4"		290 sxs ·						
7-5/8"		26.		4436'				9-7/8"		745 sxs - surface						
5-1/2" 17#					8528'		6-3/4"			340 sxs – 4210' cbl						
												+				
24.				LIN	ER RECORD				25		UBING I					
SIZE	TOP		BOTTOM		SACKS CEM	IENT SC	REE	N	SIZ		DEPTH	ISET		PACK	ER SET	
									2.3 55	375" 4.7# J-	8453'				,	
26. Perforation	record (int	erval, size, aı	nd number)						FRA	ACTURE, CE					,	
<u>Dakota:</u> 8432'-8514' (63, 0.34" holes)							DEPTH INTERVAL 8432'-8514'			AMOUNT AND KIND MATERIAL USED 5010# 100 mesh – 56,427# 40/70						
					<u> </u>	DD OD	TT (	TION		<u> </u>			1			
28.  Date First Produc		l D-	advation Ma	had (El	owing, gas lift, p	PROD				Well Status	(Duad or	Class	;\			
Date Flist Flodus	cuon		oduction Med	noa (111	owing, gas iyi, p	umping - S	ıze an	а туре ритр)	,	Shut in – w			in)			
Date of Test	Date of Test Hours Tested Choke			;	Prod'n For	Oi	Oil - Bbl G		Gas	- MCF	Water - Bbl			Gas - C	Oil Ratio	
8-28-09	2 hr		1/2"		Test Period											
Flow Tubing Press. 0	Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF 160 lbs Hour Rate 230 mcf/d							Water - Bbl. Oil Gravity - API - (Corr)					r)			
29. Disposition o	f Gas (Sold	, used for fue	l, vented, etc.	)	l		l				30. Test V Weldon H	Vitnes Iiggin	ssed By			
31. List Attachm	ents										I					
32. If a temporar	y pit was us	sed at the wel	l, attach a pla	t with th	e location of the	e temporary	pit.									
See pit ermit 33. If an on-site	_		ζ-				-									
					Latitude					Longitude				NA	D 1927 1983	

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Lang Hoggin

Printed
Name Larry Higgins

Title Drlg COM

Date 9-2-09

E-mail Address larry.higgins@williams.com

(505) 634-4208

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## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southe	astern New Mexico	Northweste	ern New Mexico
T. Anhy	T. Canyon_	T. Ojo Alamo 2942'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 3070'	T. Penn. "B"
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T. Wolfcamp	T.	T. Wingate	
T. Penn	T	T. Chinle	
T. Cisco (Bough C)	T	T. Permian	

						OIL OR GAS SANDS OR ZONES
from		to	No. 3, f	rom		to
from		to	No. 4, f	rom		to
		IMPORTANT \	NATER S	SAND	S	
e data on	rate of wat	er inflow and elevation to which wate	r rose in ho	ole.		
from		to			feet	
from		to			feet	••••••
То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology
	e data or from from from	from	fromto	from	from	from.         to         feet.           from.         to         feet.           from.         to         feet.           LITHOLOGY RECORD (Attach additional sheet if recommendations)         To         Thickness