Submit To Appropria State Lease - 5 copies Figure 1 Lease - 5 copies		En	State of New Mexico					Form C-105 Revised June 10, 2003				
District I					sources	\	WELL API	NO.				
District II					n				15-3649	)5		
1301 W Grand Avenue, Artesia, NM 88210 District III				outh St. Fr			5	5. Indicate Type of Lease STATE FEE				
1000 Rio Brazos Rd , Aztec, NM 87410  District IV			Santa	a Fe, NM 8	87505		5	State Oil &			·	
1220 S. St. Francis Dr., Santa Fe, NM 87505												
la Type of Well	OWFLETION	OK KECC	JIVIPLETIO	N KEPUR	KT AND	LUG		. Lease Name			ame	
	LL 🛛 GAS WE	LL 🔲 DRY	7 🔲 OTHE	R		a a Aresta	_   `	. Souse I valle	or omerig.			
	letion VORK  DEE OVER			R. □ OTHE	- D		)		Hou	ma Stat	te	
2. Name of Operato		BAC	K RESVI	C. L. OTHE	EK		8	Well No				
COG Operat	ing LLC				00		İ			006		
3 Address of Opera				, A	W 08	<del>(UUS —</del>	9	9 Pool name or Wildcat				
550 W. Texa	as Ave., Suite 1	300 Midland	l, TX 79701	OC	D-AR	TESI	<b>A</b>	Loco Hills; Glorieta Yeso 96718				
4 Well Location	,		,			<u> </u>			, -			
Unit Letter	E 2310	Feet From Th	ie <u>North</u>	ıLıı	ne and	330		Feet From Th	ne <u>We</u> s	st	Line	
Section	16	Township :	17S	Range	30E		N	NMPM			Eddy County	
10. Date Spudded			Date Compl (Re		13 1	Elevations (		KB, RT, GR	, etc.)	14. Elev	Casinghead	
11/02/08 15. Total Depth	11/11/0 16 Plug B		12/0 17. If Multiple		Many	18 Interva		8 GR Rotary Tools	<u> </u>	Cable T	`ools	
6018	_	5970	Zones?	ı		Drilled By		X				
19. Producing Inter	_ 1		ttom, Name						0. Was Dire	ctional Su	irvey Made	
		4750 - :	5520	Yeso							lo	
21 Type Electric a		/ HNGS, Mi	icro CFL / F	INGS			-	22. Was Well	Cored	No		
23.				RECOR	RD (Rep	ort all s	tring	s set in w	vell)	110		
CASING SIZE	E WEIG	HT LB /FT.	DEPTH	I SET	HÔI	LE SIZE		CEMENTING		A!	MOUNT PULLED	
13 3/8		<del>48</del> <del>32</del>	425 1307		17 ½			930 sx 600 sx				
8 5/8 5 ½		17	6018		12 <sup>1</sup> / <sub>4</sub> 7-7/8			1100 sx				
3 /2				<del>-</del> +		170	_	1100	5A			
SIZE	ТОР	ВОТТОМ	LINER RE	CORD KS CEMENT	SCREEN		25. SIZE	T	UBING RE		PACKER SET	
SIZL	101	BOTTOM	SACI	IS CEMENT	SCREEN			2-7/8	597		PACKER SET	
26 Perforation re	ecord (interval, size	and number)						CTURE, CE				
change this when 1 4750 - 4950	YOU GET MACK WELL 2 SPF, 32 hol					NTERVAL 0 - 4950		AMOUNT AND KIND MATERIAL USED  See attachment				
5020 - 5220 2 SPF, 32 holes			Closed Plug @ 5250			5020 - 5220			See attachment			
5320 - 5520	2 SPF, 48 hol	es Closed	l Plug (	<u>a</u> 4980	532	0 - 5520		See attachment			ent	
28		<u> </u>			DUCT							
Date First Production		Production Met	nod (Flowing, g	as lift, pumpins	g - Size and	type pump)	,	Well Status	(Prod or Shi	ıt-ın)	l	
Date of Test	Hours Tested	Choke Size	Prod'r	Flowing	Oil – Bbl		Gas –	MCE		roducing		
i	ļ	Choke Size	Test P			52	Gas –	307	Water – B		Gas – Oil Ratio 1218	
12/08/08 Flow Tubing	Casing Pressure	Calculated	24- Oıl – I		Gas –	MCE	Wa	iter – Bbl	Loite	ravity _ A	PI - (Corr.)	
Press	Hour Rate			<i>30</i> 1.	Gas – MCF Wa			iici — Bbi	Oil Gravity – API – (Corr.)			
70 psi 29. Disposition of Gas (Sold, used for fuel, vented, etc.)			d atc)				Ш_		Test Witness	ed Rv	38.6	
Sold							ļ	Test Witness	Kent G	reenway		
30 List Attachment	30 List Attachments											
31 I hereby certif	v that the inform	ation shown or	Logs, C	102, C103, I this form as t	Deviation	Report, o	C104	st of my kno	wledge and	heliet		
	ola -	$\mathcal{L}_{\cdot,\cdot}$					06	0, my MIO	unu	50,001		
Signature	and a	10/1/	Printed Name	ı Robyn Od	lom Title	e Regula	atorv	Analvst	Date	01/02/0	09	
E-mail Address	rodom@cor	choresources	.com	0						5 X, 521		

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## **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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy		T. Canyon	T. Ojo Alamo	T. Penn. "B"			
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"			
B. Salt		T. Atoka	T. Pictured Cliffs	T. Penn. "D"			
T. Yates 1	175	T. Miss	T. Cliff House	T. Leadville			
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison			
T.Queen 2	069	T. Silurian	T. Point Lookout	T. Elbert			
T. Grayburg		T. Montoya	T. Mancos	T. McCracken			
T. San Andres	2762	T. Simpson	T. Gallup	T. Ignacio Otzte			
T. Glorieta		T. McKee	Base Greenhorn	T. Granite			
T. Paddock		T. Ellenburger	T. Dakota	T			
T. Blinebry		T. Gr. Wash	T. Morrison	T.			
T.Tubb <u>57</u>	84	T. Delaware Sand	T.Todilto	T			
T. Drinkard		T. Bone Spring	T. Entrada	T.			
T. Abo		T. Morrow	T. Wingate	T.			
T. Wolfcamp		T. Yeso 4312	T. Chinle	T.			
T. Penn		T.	T. Permian	T.			
T. Cisco (Bough C) T.		T.	T. Penn "A"	T.			
			The state of the s				

LITHOLOGY RECORD (Attach additional sheet if necessary)

	Γ	Thickness	Toolstay)
From	То	In Feet	Lithology
			III rect

## HOUMA STATE #6 API#: 30-015-36495 EDDY, NM

## C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED				
4750 - 4950	Acidize w/ 72 bbls acid.				
	Frac w/2,910 bbls gel,				
Open	204,653# sand.				

27. ACID, SHOT, FRA	ACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
5020 - 5220	Acidize w/ 60 bbls acid.	
	Frac w/ 2,803 bbls gel,	
Plug @ 4980	178,591# sand.	

27. ACID, SHOT, FR	ACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
5320 - 5520	Acidize w/ 60 bbls acid.	
	Frac w/ 2,819 bbls gel,	
Plug @ 5250	178,684# sand.	