RAILROAD COMMISSION OF TEXAS

This facsimile G-1 was generated electronically from data submitted to the RRC.

Trackir	ng No.: 7	9473					КАП	MOA	D CO	NIIVII O	010	11 OF_		10		from da	ata subn	nitted to t	he RRC.	
Status: Submitted						Oil and Gas Division API No. 42- 005-30392									7. RRC District No.					
									- T-	-4				- 06						
Gas Well Back Pressure Test, Completion or Recompletion Report, and Log														8. RRC Gas ID No.						
						mple	tion c	or Rec	omple	tion R	lepo	rt, and	Log				267038			
	1. FIELD NAME (as per RRC Records or Wildcat) CARTHAGE (HAYNESVILLE SHALE) 2. LEASE NAME ACLCO HAY GU															9. Well No. 1H				
	TOR'S NA						ization Re	eport)		RC Operato 14909	or No.						10. County of well site ANGELINA			
4. ADDRI						-											11. Pui	rpose of 1	filing	
		ΙΔ ΩΤΙ	REET	SI 117	TE 700	HOLIST	ON T	X 77002	2-4036									ial Potent		X
	n (Section,				12 700	11000	OIV, I			nd direction	to near	est town in	this coun	tv			Ret	test		
RICHA		•					5b. Distance and direction to nearest town in this county. 13.9 MILES NE FROM LUFKIN										Reclass			
	tor has cha				s, name for	rmer opera	ntor										Wel	ll record blain In re		
12. If work			e forme	r field ((with reser	voir) & Ga	as ID or o	il lease no.					AS ID or L LEASE				W ₀ 11 #			
FIFLD & RESERVOIR N/A									OIL LEASE #											
	I EAST T	EXAS		ERIN	G (86367															
14. Compl 04/27	letion or red 7/2013	completi	on date			15	-	densate on npletion?	hand at tim	ne of worke	ver	Yes	X No	16. Type o	of Electric	or other Lo	og Run.			
Section I			I	_				GAS ME	EASURE	MENT D	ATA						1~			
Date of Test 05/21/2013 Gas Measurement Method (Check One) Orifice Meter Gas Measurement Method (Check One) Flange Taps Pipe Taps								Positive [ifice Ve	ent	Pitot Tube			w company		s produce 4544	produced during test 1544 MCF		
Run Size	Line Orif. or 24 hr Coeff. Size Choke Size Orif. or Choke		Static 1	Static Pm or Di		Flow	Temp.		Temp. Factor	1	Gravity Factor		Compress Factor		Volume MCF/DAY					
	026	2.000		20210.9		948.0		h w 107.0	130.4	F	0.9	F _{tf} 385	1.2964		1.0443		8229.0			
2																				
3																				
4																				
Section 1	1						FII	ELD DATA	A AND PR	ESSURE (CALCU	LATIONS								
Gravity (I	Ory Gas)	Gravity	Liquid	Hydro	carbon	(as-Liquid	d Hydro Ra	itio	Gravity o		re	"	ut-in Tem		Bottom I		•		
0.595					De	g. API			CF/Bbl	G =	0.0		111.0		o F	304.0	o _{F@}	2085	0.0 (I	Depth)
Deff ^{8/3}			$\sqrt{T_{\rm f}}$	=	$\sqrt{}$		=			ν	GL	= 1	/			=				
$C = \frac{11}{2}$	$\frac{118 \mathrm{x}^{\square} \mathrm{ef}}{\sqrt{\mathrm{T}}}$	f) ^{8/3}	=				=			$\frac{\sqrt{\text{GI}}}{\text{C}}$	_	= -			=	-			_	
				ad Press	Well	head Flov	v I	P _W ²				R 2		1	P ₁		D /			
No.	Run Time of Cho No. Run Min Size			DOLL			emp OF		w Thousands)		R		(Thousand			1 1		P _w /P ₁	1	
Shut-in	n 21 1100		11000) 111.0																
1	7320				6400			130.0												
2																				
3																				
4																				
Run No.			ζ	$S = \frac{1}{Z}$		E ks		P f and P s		(Pf and Ps (Thousands)		$P_f^2 - P_s^2$ (Thousands)		Angle of Slope θ					
Shut-in																n .				
1															Absolute Open Flow					
	2				-										-	•	MCF/DA`	Y		
3							-									-				
4 WELL	TECTE	OS CER	TIEIC	A TIO	N: Ldoolo	ro undor	nonaltio	nragarih.	od in Coo	01 1/2 7	Covec N	Jotural Dog		Todo the	t Loonduc	tod or an	namica	d this to	et and the	ot.
												Natural Res anowledge.								
	were furi										•	Ç							-	
							000	יטטוכיי י	DETRO! F			//21 4000\								
Signat	ture: Well	Tester					GUC	NUKICH F	FEIROLE			(314909) f Company	_	RRC Repre	esentative					-
			EICAT	ION:	I declare	under na	naltica =	recoribed	in S oc 01			ural Pacou				rizad to m	oleo th	ic ronce	that I am	_

OPERATORS CERTIFICATION: I declare under penalties prescribed in See. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that I operated supervised and directed this report, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

GOODRICH PETROLEUM COMPANY
Shelley Copeland
Signature: Operator's representative

Regulatory Analyst
Title

O7/11/2013
Tel: (832) 399-3156
A/C Number

SECTION III			DA	TA ON W	ELL C	OMPLETION	AND LOG (No	t Re	quirec	d on Retest)							
17. Type of Completion										Permit to Drill, Plug Back or		DATE	4.0	PERMIT NO.			
NI	XX7-11	Χ	ning Plug Back Other						_	Deepen Rule 37	10)/24/20	12	723922			
	Well	Deepen	8	riug Dack		Othe	er —			Exception				CASE NO.			
19. Notice of Intention									_	***				0272472 PERMIT NO.			
GOODRICH P	ETRO	LEUM COM	IPANY							Water Injection Permit				TERMIT NO.			
20. Number of producing wells on this lease in this field (reservoir) including this well 21. Total number of acres in this lease										Salt Water Disposal Permit PERMIT NO.							
1			91	3.925					Other PERM								
22. Date Plug Back, Do Workover or Drill Operations:	eepening, ling					23. Distance to nearest well, Same Lease &Reservoir											
		11/30/20	011 02/	/10/201:	2	0.0											
24. Location of well, r	elative to	nearest lease box	undaries	1308.		Feet From \		• • • •	<u> </u>	Line and	161.0			Feet from			
				North		Line of the	ACLCO H							Lease			
25. Elevation (DF. RK189	.B, RT. G	GL					ectional survey m lination (Form W			X	Yes			No			
27. Top of Pay	28. Tota	l Depth	29. P. B. Depth 30			face Casing	Reco			commendation of T.D.W.R.			Dt. of Le	tter 09/21/2011			
15333 MD:15737	15797	MD:20850	15790 MD:2	20738	Det	termined by	Field Rules	¹ R	ailroa	d Commission (S	pecial)	X	Dt. of Le	etter 09/27/2011			
31. Is well multiple co	mpletion?		X No														
32. If multiple comple		Yes Il reservoir name		this well)	and Oil	Lease or Gas l	ID No.			AS ID or		oil-0 das-G		Well #			
FIELD & RESERV N/A	OIR								OII	L LEASE #	G	ras-G					
33. Intervals Rotar Drilled Tools		ols 34. Name	e of Drilling Con	tractor									Cementing Attached?				
by: X		NICKL		CASI	NG RE	CORD (Report	All Strings Set i	n We	11)					Yes No			
CASING SIZE	W	/T #/FT.	DEPTH SET			LTISTAGE	TYPE & AMOUNT					TOP OF		SLURRY VOL.			
			T			OL DEPTH	CEMENT (sacks)			11022 0122		CEMENT		cu. ft.			
10 3/4				3896			TYPE 1 1822			13 1/2		SURFACE		3555.0			
7 5/8	5/8 29.7		14874				CLASS H 1689		9	9 7/8		6100		2763.0			
5 1/2 26.0			20830				CLASS H 911			6 1/2		6400		1285.0			
37.						LINER	RECORD										
Size			Top			В	ottom			Sacks Cem	nent			Screen			
38.		TUBING REC	OPD				30 Producin	a Inte	arvol ((this completion)	Indicate de	anth of no	rforation or	onen hole			
		Depth Set	OKD	Packer	r Cot		_							open note			
Size Depth 2 3/8 8920				8891	Set	+	From L1 15737 From			37 To 2			20698				
2 3/0		0920		0091			From			То							
						From			То								
											I						
40.		<u> </u>		ACID	, SHOT	, FRACTURE,	CEMENT SQU	EEZI	E. ETC								
NI/A		Depth Inte	erval							Amo	unt and K	ind of Ma	terial Used				
N/A																	
41		EOD	MATION PECO	DD /I IOT	DEDTI	C OF DD DICH	DAL GEOLOGIC	1 A T 3	MADI	ZEDC AND FOR	MATION	TODE					
41. Formati	ions	FUR	MATION RECO	RD (LIST) Deptl		S OF PKINCII	AL GEOLOGIC	AL I		ations	WIATION	10PS)		Depth			
KNOWLES			13410.0 M											<u> </u>			
HAYNESVILLE			15214.0 M	D: 1534	19.0												
0			0.0 MD: 0.0														
REMARKS: TH	IS WEI	L HAD PRO	OBLEMS DU	JRING T	THE 1	ST FRAC.	. WE HAD	ΟΙ	-LO	W THE WEL	L BAC	K TO G	ET THE				
PRESSURE DO	OWN.	WE FILED	THE PRODU	JCTION	FRO	M THIS FL	OW BACK	FOI	R FE	BRUARY.							