

RAILROAD COMMISSION OF TEXAS

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Tracking No.: 18371

Status: Submitted

Oil and Gas Division

API No. 42- 405-30374

7. RRC District No.

06

8. RRC Gas ID No.

Gas Well Back Pressure Test,
Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) CARTHAGE (HAYNESVILLE SHALE)		2. LEASE NAME GOLDEN EAGLES DU		9. Well No. 1H	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) XTO ENERGY INC.		RRC Operator No. 945936		10. County of well site SAN AUGUSTINE	
4. ADDRESS 6141 PALUXY DR TYLER, TX 75703-0000				11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain in remarks) <input type="checkbox"/>	
5. Location (Section, Block, and Survey) GREER, J A , A-118		5b. Distance and direction to nearest town in this county. 6.6 MILES NW OF SAN AUGUSTINE			
6. If operator has changed within last 60 days, name former operator					
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR				GAS ID or OIL LEASE #	
N/A				Oil-0 Gas-G	
				Well #	

13. Pipe Line Connection CTES		14. Completion or recompletion date 04/21/2011		15. Any condensate on hand at time of workover or recompletion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		16. Type of Electric or other Log Run. Gamma Ray (MWD)	
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Section I GAS MEASUREMENT DATA										
Date of Test 05/05/2011		Gas Measurement Method (Check One) Orifice Meter <input checked="" type="checkbox"/> Flange Taps <input checked="" type="checkbox"/> Pipe Taps <input type="checkbox"/> Positive Choke <input type="checkbox"/> Orifice Vent Meter <input type="checkbox"/> Pitot Tube <input type="checkbox"/> Critical-flow Prover <input type="checkbox"/>				Gas produced during test 33108 MCF				
Run Size	Line Size	Orif. or Choke Size	24 hr Coeff. Orif. or Choke	Static Pm or Choke Press	Diff h _w	Flow Temp. ° F	Temp. Factor F _{tf}	Gravity Factor F _g	Compress Factor F _{pv}	Volume MCF/DAY
1	3.824	2.0000	27122.72	1142.0	130.46	73.0	0.9877	0.9571	1.1151	11036.0
2										
3										
4										

Section II FIELD DATA AND PRESSURE CALCULATIONS											
Gravity (Dry Gas) 0.655		Gravity Liquid Hydrocarbon Deg. API		Gas-Liquid Hydro Ratio CF/Bbl		Gravity of Mixture G _{mix} = 0.655		Avg. Shut-in Temp. 71.0 ° F		Bottom Hole Temp. 314.0 ° F @ 13350.0 (Depth)	
$D_{eff}^{8/3} =$		$\sqrt{T_f} = \sqrt{\quad} =$		$\sqrt{GL} = \sqrt{\quad} =$							
$C = \frac{1118 \times (D_{eff})^{8/3}}{\sqrt{T}} =$				$\frac{\sqrt{GL}}{C} =$							
Run No.	Time of Run Min	Choke Size	Wellhead Press. PSIA P _w	Wellhead Flow Temp ° F	P _w ² (Thousands)	R	R ² (Thousands)	P ₁	P _w / P ₁		
Shut-in			9302	70.0							
1	4320	14/64	8287	73.0							
2											
3											
4											
Run No.	F	K	$S = \frac{1}{Z}$	E ^{ks}	P _f and P _s	P _f ² and P _s ² (Thousands)	P _f ² - P _s ² (Thousands)	Angle of Slope θ n Absolute Open Flow MCF/DAY			
Shut-in					11472.0						
1											
2											
3											
4											

WELL TESTERS CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test and that data and facts shown in Sections I and II above are true, correct, and complete, to the best of my knowledge. Bottomhole temperature and the diameter and length of flow string were furnished by the operator of the well.

XTO ENERGY INC.(945936)

Signature: Well Tester

Name of Company

RRC Representative

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

XTO ENERGY INC.

Sharonda Spencer

Signature: Operator's representative

Regulatory Analyst

Title

05/16/2011

Date

Tel: (903) 939-0811

A/C Number

SECTION III										DATA ON WELL COMPLETION AND LOG (Not Required on Retest)			
17. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>						18. Permit to Drill, Plug Back or Deepen DATE 08/25/2010 PERMIT NO. 701033 Rule 37 Exception <input type="checkbox"/> CASE NO. _____							
19. Notice of Intention to Drill this well was filed in Name of XTO ENERGY INC.						Water Injection Permit <input type="checkbox"/> PERMIT NO. _____ Salt Water Disposal Permit <input type="checkbox"/> PERMIT NO. _____ Other <input type="checkbox"/> PERMIT NO. _____							
20. Number of producing wells on this lease in this field (reservoir) including this well 1			21. Total number of acres in this lease 691.606										
22. Date Plug Back, Deepening, Workover or Drilling Operations: 09/04/2010		Commenced 10/17/2010		Completed 0.0		23. Distance to nearest well, Same Lease & Reservoir 0.0							
24. Location of well, relative to nearest lease boundaries 303.0 Feet From North Line and 557.0 Feet from East Line of the GOLDEN EAGLES DU Lease													
25. Elevation (DF, RKB, RT, GR ETC.) 323 GL				26. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
27. Top of Pay 12472 MD:12484		28. Total Depth 13142 MD:19128		29. P. B. Depth MD:19031		30. Surface Casing Determined by <input type="checkbox"/> Field Rules <input checked="" type="checkbox"/> Recommendation of T.D.W.R. Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter 08/23/2010 Dt. of Letter _____					
31. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No													
32. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR						GAS ID or OIL LEASE #		Oil-0 Gas-G					
N/A													
33. Intervals Drilled by:		Rotary Tools <input checked="" type="checkbox"/> Cable Tools		34. Name of Drilling Contractor PRECISION				35. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
36. CASING RECORD (Report All Strings Set in Well)													
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.						
13 3/8	54.5	2347		A 1612	17 1/2	SURFACE	3302.0						
9 5/8	40.0	5315		H 772	12 1/4	0	864.64						
7	32.0	12225		H 1360	8 3/4	8640	1933.0						
37. LINER RECORD													
Size		Top		Bottom		Sacks Cement		Screen					
4 1/2		11928		19128		535							
38. TUBING RECORD													
Size		Depth Set		Packer Set		From L1 13350		To 19023					
N/A						From		To					
						From		To					
						From		To					
40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.													
Depth Interval				Amount and Kind of Material Used									
13350.0		19023.0		PERF. FRAC. W/3,030,620# SAND									
41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)													
Formations		Depth		Formations		Depth							
AUSTIN CHALK		4004.0 MD: 4075.0		HAYNESVILLE		12472.0 MD: 12484.0							
JAMES LIME		7303.0 MD: 7353.0											
KNOWLES		10909.0 MD: 11000.0											
REMARKS: N/A													