

## RAILROAD COMMISSION OF TEXAS

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Tracking No.: 6033

Status: Submitted

Oil and Gas Division

API No. 42- 403-30454

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) <b>WILDCAT</b>		2. LEASE NAME <b>JOHN O. HALL</b>		9. Well No. <b>1</b>	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) <b>ENDEAVOR NATURAL GAS, LP</b>			RRC Operator No. <b>251729</b>		10. County of well site <b>SABINE</b>
4. ADDRESS <b>1201 LOUISIANA STE 3350 HOUSTON, TX 77002-0000</b>					
5. Location (Section, Block, and Survey) <b>SLAUGHTER, R , A-53</b>			5b. Distance and direction to nearest town in this county. <b>14 MILES NORTH FROM HEMPHILL</b>		
6. If operator has changed within last 60 days, name former operator					
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"/>					
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. <b>FIELD &amp; RESERVOIR</b>				GAS ID or OIL LEASE #	
<b>N/A</b>					
13. Pipe Line Connection <b>TENASKA</b>				Oil-0 Gas-G	
				Well #	

14. Completion or recompletion date <b>07/07/2010</b>		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. <b>Combo of Induction/Neutron/Density</b>	
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Section I GAS MEASUREMENT DATA											
Date of Test <b>10/09/2010</b>		Gas Measurement Method (Check One) Orifice Meter <input checked="" type="checkbox"/> Flange Taps <input 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 <b>4029</b> MCF			
Run Size	Line Size	Orif. or Choke Size	24 hr Coeff. Orif. or Choke	Static Pm or Choke Press	Diff h <sub>w</sub>	Flow Temp. ° F	Temp. Factor F <sub>tf</sub>	Gravity Factor F <sub>g</sub>	Compress Factor F <sub>pv</sub>	Volume MCF/DAY	
1	2.068	1.00	6549.28	838.0	30.0	90.0	0.9723	0.9683	1.0692	1038.0	
2											
3											
4											

Section II FIELD DATA AND PRESSURE CALCULATIONS											
Gravity (Dry Gas) <b>0.64</b>		Gravity Liquid Hydrocarbon Deg. API		Gas-Liquid Hydro Ratio CF/Bbl		Gravity of Mixture G <sub>mix</sub> = <b>64.0</b>		Avg. Shut-in Temp. <b>80.0</b> ° F		Bottom Hole Temp. <b>310.0</b> ° F @ <b>12514.0</b> (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 <sub>w</sub>	Wellhead Flow Temp ° F	P <sub>w</sub> <sup>2</sup> (Thousands)	R	R <sup>2</sup> (Thousands)	P <sub>1</sub>	P <sub>w</sub> / P <sub>1</sub>
Shut-in	1440		7025	80.0					
1	4320	16/64"	860	90.0					
2									
3									
4									
Run No.	F	K	$S = \frac{1}{Z}$	E <sup>ks</sup>	P <sub>f</sub> and P <sub>s</sub>	P <sub>f</sub> <sup>2</sup> and P <sub>s</sub> <sup>2</sup> (Thousands)	P <sub>f</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> (Thousands)	Angle of Slope	
Shut-in								θ .....	
1								n .....	
2								Absolute Open Flow	
3								..... MCF/DAY	
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.

GREG LINTON

ENDEAVOR NATURAL GAS, LP

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.

ENDEAVOR NATURAL GAS, LP

Greg Linton

Signature: Operator's representative

Title

10/12/2010

Date

Tel: (713) 658-8555 EXT 265

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 <b>01/27/2010</b> PERMIT NO. <b>690312</b> Rule 37 Exception CASE NO. _____ Water Injection Permit PERMIT NO. _____ Salt Water Disposal Permit PERMIT NO. _____ Other PERMIT NO. _____									
19. Notice of Intention to Drill this well was filed in Name of <b>ENDEAVOR NATURAL GAS, LP</b>																			
20. Number of producing wells on this lease in this field (reservoir) including this well <b>1</b>					21. Total number of acres in this lease <b>80.94</b>														
22. Date Plug Back, Deepening, Workover or Drilling Operations: <b>02/18/2010</b>		Commenced <b>02/18/2010</b>		Completed <b>04/28/2010</b>		23. Distance to nearest well, Same Lease & Reservoir <b>0.0</b>													
24. Location of well, relative to nearest lease boundaries <b>502.0</b> Feet From <b>NW</b> Line and <b>668.0</b> Feet from <b>SE</b> Line of the <b>JOHN O. HALL</b> Lease																			
25. Elevation (DF. RKB, RT. GR ETC.) <b>237</b> <b>GL</b>										26. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
27. Top of Pay <b>12500 MD:</b>		28. Total Depth <b>12500 MD:</b>		29. P. B. Depth <b>12773 MD:</b>		30. Surface Casing Determined by Field Rules <input type="checkbox"/>		Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter <b>01/21/2010</b>									
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. <b>FIELD &amp; RESERVOIR</b>										GAS ID or OIL LEASE #		Oil-0 Gas-G		Well #					
<b>N/A</b>																			
33. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>		34. Name of Drilling Contractor <b>BRONCO DRILLING COMPANY</b>										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		2050				POZ A & A NEAT 1852		17 1/2		SURFACE		3124.36					
7 5/8		29.7		11851				CLASS H 500		9 7/8		8446		725.0					
37. LINER RECORD																			
Size		Top		Bottom		Sacks Cement		Screen											
4 1/2		11714		12906		300													
38. TUBING RECORD																			
Size		Depth Set		Packer Set		39. Producing Interval (this completion) Indicate depth of perforation or open hole													
2 3/8		12447		12447		From 12495 To 12534													
						From To													
						From To													
						From To													
40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.																			
Depth Interval						Amount and Kind of Material Used													
12495.0		12534.0				PERFORATED 6 SPF													
12495.0		12534.0				FRACED WITH 119,500# PROP													
41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations		Depth		Formations		Depth													
JAMES LIME		6850.0 MD: 6850.0																	
TRAVIS PEAK		7925.0 MD: 7925.0																	
COTTON VALLEY		10300.0 MD: 10300.0																	
REMARKS: N/A																			