

RAILROAD COMMISSION OF TEXAS

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Oil and Gas Division

API No. 42- 241-30818

7. RRC District No.

03

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) MAGNOLIA SPRINGS (AUSTIN CHALK)		2. LEASE NAME DAVID GLENN UNIT		9. Well No. 1H	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) BBX OPERATING, L.L.C.		RRC Operator No. 058908		10. County of well site JASPER	
4. ADDRESS 3698 RANCH ROAD 620 S STE 113 AUSTIN, TX 78738-0000				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) HANKS, W , A-18		5b. Distance and direction to nearest town in this county. 3.66 MILES NE OF TOWN BLUFF			
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 BBX OPERATING, LLC		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. Combo of Induction/Neutron/Density	
14. Completion or recompletion date 11/15/2011					

Section I GAS MEASUREMENT DATA										
Date of Test 11/23/2011		Gas Measurement Method (Check One) Orifice Meter <input checked="" type="checkbox"/> Flange Taps <input checked="" type="checkbox"/> <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 42648 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	5.761	3.500	83960.04	940.0	41.9	170.0	0.9085	0.8874	1.0585	14216.0
2										
3										
4										

Section II FIELD DATA AND PRESSURE CALCULATIONS											
Gravity (Dry Gas) 0.762		Gravity Liquid Hydrocarbon 51.7 Deg. API		Gas-Liquid Hydro Ratio 10492 CF/Bbl		Gravity of Mixture G _{mix} = 0.994		Avg. Shut-in Temp. 174.0 ° F		Bottom Hole Temp. 275.0 ° F @ 12538.0 (Depth)	
$D_{eff}^{8/3} =$		$\sqrt{T_f} = \sqrt{\quad} =$		$\sqrt{GL} = \sqrt{\quad} =$							
$C = \frac{1118x(D_{eff})^{8/3}}{\sqrt{T}} =$		$=$		$\frac{\sqrt{GL}}{C} =$		$=$					
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	1440	SI	7765	74.0							
1	4320	ADJ	1103	190.0							
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											
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.

JON JACKSON

FESCO, LTD

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.

Brenda Ramirez

Signature: Operator's representative

Title

01/23/2012

Date

Tel: (512) 244-0309

A/C Number

SECTION III		DATA ON WELL COMPLETION AND LOG (Not Required on Retest)							
17. Type of Completion <div style="display: flex; justify-content: space-around; align-items: center;"> New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/> </div>					18. Permit to Drill, Plug Back or Deepen <div style="display: flex; justify-content: space-between;"> DATE 06/22/2011 PERMIT NO. 717048 </div>				
19. Notice of Intention to Drill this well was filed in Name of BBX OPERATING, L.L.C.					Rule 37 Exception <div style="text-align: right;">CASE NO. 0270913</div>				
20. Number of producing wells on this lease in this field (reservoir) including this well 1			21. Total number of acres in this lease 2656.98		Water Injection Permit Salt Water Disposal Permit Other				
22. Date Plug Back, Deepening, Workover or Drilling Operations: <div style="display: flex; justify-content: space-between;"> Commenced 07/17/2011 Completed 11/02/2011 </div>		23. Distance to nearest well, Same Lease & Reservoir 0.0							
24. Location of well, relative to nearest lease boundaries <div style="display: flex; justify-content: space-between;"> 1598.0 Feet From East </div>				Line and 6392.0 Feet from North Line of the DAVID GLENN UNIT Lease					
25. Elevation (DF. RKB, RT. GR ETC.) 96 GL				26. Was directional survey made other than inclination (Form W-12)? <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div>					
27. Top of Pay 12536 MD:12541		28. Total Depth 13122 MD:19169		29. P. B. Depth		30. Surface Casing Determined by <div style="display: flex; justify-content: space-between;"> Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input type="checkbox"/> </div>		Dt. of Letter 06/08/2011	
31. Is well multiple completion? <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>									
32. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A						GAS ID or OIL LEASE #		Oil-G Gas-G	
33. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools		34. Name of Drilling Contractor ROWAN						35. Is Cementing Affidavit Attached? <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div>	
36. CASING RECORD (Report All Strings Set in Well)									
CASING SIZE		WT #/FT.		DEPTH SET		MULTISTAGE TOOL DEPTH		TYPE & AMOUNT CEMENT (sacks)	
10 3/4		24.0		2528				A 1690	
7 5/8		39.0		12530				C 900	
37. LINER RECORD									
Size		Top		Bottom		Sacks Cement		Screen	
4 1/2		12583		17054					
4 1/2		12990		17079					
38. TUBING RECORD									
Size		Depth Set		Packer Set		From L1 12530		To 19169	
2 7/8				12583		From L2 12530		To 18255	
2 7/8		12477		12477		From		To	
						From		To	
39. Producing Interval (this completion) Indicate depth of perforation or open hole									
40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.									
Depth Interval					Amount and Kind of Material Used				
N/A									
41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)									
Formations		Depth		Formations		Depth			
SARATOGA		11408.0 MD: 11410.0							
ANACACHO		12085.0 MD: 12088.0							
AUSTIN CHALK		12536.0 MD: 12541.0							
REMARKS: N/A									