



30-039-06751

Magna Energy Services
116 E. Twilight Dr.
Farmington NM, 87401

Project Name: ~~WFO Wells~~ **Cross Timbers Energy**
Project Number: 11181-0001
Project Manager: Shawn Bohannon

Reported:
28-Feb-14 17:22

~~MUL6~~ **MUL 6**

P402055-03 (Water)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Cation/Anion Analysis									
pH @16.2°C	9.98		pH Units	1	1408021	02/21/14 16:07	02/21/14 16:07	EPA 150.1	
Electrical Conductivity	1100		umhos/cm	1	1408021	02/21/14 16:07	02/21/14 16:23	EPA 120.1	
Total Dissolved Solids	692		mg/L	1	1409002	02/24/14	02/24/14	EPA 160.1	
Sodium Absorption Ratio	66.0		N/A	1	1409024	02/28/14	02/28/14	[CALC]	
Total Alkalinity as CaCO3	650	100	mg/L	10	1409003	02/24/14	02/24/14	Hach Method 8203	
Total Hardness as CaCO3	5.62	0.07	mg/L		[CALC]	02/26/14	02/28/14	[CALC]	
Bicarbonate as CaCO3	650	100	mg/L	10	1409003	02/24/14	02/24/14	Hach Method 8203	
Carbonate as CaCO3	ND	10.0	mg/L	1	1409003	02/24/14	02/24/14	Hach Method 8203	
Hydroxide as CaCO3	ND	10.0	mg/L	1	1409003	02/24/14	02/24/14	Hach Method 8203	
Nitrate-N	ND	0.20	mg/L	1	1408022	02/21/14 16:34	02/21/14 20:24	EPA 300.0	
Nitrite-N	ND	0.10	mg/L	1	1408022	02/21/14 16:34	02/21/14 20:24	EPA 300.0	
Chloride	4.42	1.00	mg/L	1	1408022	02/21/14	02/21/14	EPA 300.0	
Fluoride	1.77	0.10	mg/L	1	1408022	02/21/14	02/21/14	EPA 300.0	
o-Phosphate	ND	2.00	mg/L	1	1408022	02/21/14 16:34	02/21/14 20:24	EPA 300.0	
Sulfate	185	4.00	mg/L	1	1408022	02/21/14	02/21/14	EPA 300.0	
Iron	0.12	0.01	mg/L	1	1409009	02/26/14	02/28/14	EPA 6010C	
Calcium	1.98	0.01	mg/L	1	1409009	02/26/14	02/28/14	EPA 6010C	
Magnesium	0.16	0.01	mg/L	1	1409009	02/26/14	02/28/14	EPA 6010C	
Potassium	2.49	0.01	mg/L	1	1409009	02/26/14	02/28/14	EPA 6010C	
Sodium	359	0.01	mg/L	1	1409009	02/26/14	02/28/14	EPA 6010C	

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District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720**State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office****BRADENHEAD TEST REPORT**

Operator Name CROSS TIMBERS ENERGY, LLC		API Number 30-039-06751	
Property Name MKL		Well No. 6	

2. Surface Location

UL - Lot D	Section 06	Township 26N	Range 07W	Feet from 990	N/S Line FSL	Feet From 990	E/W Line FWL	County RIO ARRIBA
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Well Status

Well Status ACTIVE	SHUT-IN	PRODUCING	DATE 3/4/2014
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OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATAIf bradenhead flowed water, check all of the descriptions that apply:

	(A)Surf-Interm	(B)Interm(1)-Interm(2)	(C)Interm-Prod	(D)Prod Casing	(E)Tubing
Pressure					
<u>Flow Characteristics</u>					
Puff	Y / N	Y / N	Y / N	Y / N	
Steady Flow	Y / N	Y / N	Y / N	Y / N	
Surges	Y / N	Y / N	Y / N	Y / N	
Down to nothing	Y / N	Y / N	Y / N	Y / N	
Gas or Oil	Y / N	Y / N	Y / N	Y / N	
Water	Y / N	Y / N	Y / N	Y / N	

If bradenhead flowed water, check all of the descriptions that apply:

CLEAR	FRESH	SALTY	SULFUR	BLACK
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Remarks:

INJECTING AT THIS TIME ___ WTR, ___ GAS, ___ CO2

See Attached

Signature: <i>Robbie A Grigg</i>		OIL CONSERVATION DIVISION
Printed name: Robbie A Grigg		Entered into RBDMS
Title: Regulatory Compliance		Re-test
E-mail Address: rgrigg@mspartners.com		
Date: 3/7/2014	Phone: 817-334-7842	
Witness:		