



123 Robert S. Kerr Ave.  
Oklahoma City, OK 73102

## Partner Well History

### SOUTH FUHRMAN MASCHO UNIT 5120

<b>Field Name:</b> FUHRMAN-MASCHO	<b>State:</b> TX	<b>County/Parish:</b> ANDREWS
<b>Section:</b> 5	<b>Block:</b> 10	<b>Survey:</b> UL
<b>API No.:</b> 42003446210000		<b>Corporate ID:</b> 124083
<b>Spud Date:</b> 8/16/2012		<b>First Sales Date:</b> 9/13/2012
<b>Current Well Status:</b> COMPLETING		<b>Total Depth (ftKB):</b> 4,755.0
<b>Capstar Drilling 109 8/16/2012 05:00 - 8/17/2012 05:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/17/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> Spudded 8/16/12. Drld to 1682'. TOH f/csg.		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 102,328	<b>Cum Cost To Date:</b> 102,328
<b>Capstar Drilling 109 8/17/2012 05:00 - 8/18/2012 05:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/18/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> R&C 8 5/8" 24# J55 csg @ 1682'. WOC. NU & tst BOP. PU BHA & TIH. Drld cmt & shoe. Drld to 2205'.		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 72,818	<b>Cum Cost To Date:</b> 175,146
<b>Capstar Drilling 109 8/18/2012 05:00 - 8/19/2012 05:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/19/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> Drld to 4592'.		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 55,971	<b>Cum Cost To Date:</b> 231,116
<b>&lt;Rig?&gt; 8/19/2012 05:00 - 8/20/2012 05:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/20/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> Drld to 4755'. R&C 5 1/2" 15.5# J55 csg @ 4755'. ND & set slips. Rig released 8/19/12.		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 97,936	<b>Cum Cost To Date:</b> 329,052
<b>&lt;Rig?&gt; 8/20/2012 06:00 - 8/21/2012 06:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/21/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> Clean location, set anchors, bring braden head to surface, MIRU wireline, run CNL, RDMO.WO Procedure		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 12,994	<b>Cum Cost To Date:</b> 342,046
<b>&lt;Rig?&gt; 8/21/2012 06:00 - 8/22/2012 06:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/22/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> WO Procedure		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b>	<b>Cum Cost To Date:</b> 342,046
<b>&lt;Rig?&gt; 8/22/2012 06:00 - 8/23/2012 06:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/23/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> WO Perfs		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b>	<b>Cum Cost To Date:</b> 342,046
<b>&lt;Rig?&gt; 8/23/2012 06:00 - 8/24/2012 06:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/24/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> WO Perfs		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b> 4,560	<b>Cum Cost To Date:</b> 346,606
<b>&lt;Rig?&gt; 8/24/2012 06:00 - 8/25/2012 06:00</b>		
<b>Job Category:</b> Drilling/Initial Completion	<b>Primary Job Type:</b> Drilling - original	
<b>Permit Number:</b> 745329	<b>Report End Date:</b> 8/25/2012	<b>PL System:</b> CO2 (%)
<b>Daily Summary:</b> WO Acid		
<b>Daily Production Summary:</b>		
<b>AFE Number:</b> DB12577	<b>Daily Cost Total:</b>	<b>Cum Cost To Date:</b> 346,606

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<b>&lt;Rig?&gt; 8/25/2012 06:00 - 8/26/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/26/2012	PL System: CO2 (%)
Daily Summary: WO Acid		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 346,606
<b>&lt;Rig?&gt; 8/26/2012 06:00 - 8/27/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/27/2012	PL System: CO2 (%)
Daily Summary: WO Acid		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 346,606
<b>&lt;Rig?&gt; 8/27/2012 06:00 - 8/28/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/28/2012	PL System: CO2 (%)
Daily Summary: WO Acid		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 346,606
<b>&lt;Rig?&gt; 8/28/2012 06:00 - 8/29/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/29/2012	PL System: CO2 (%)
Daily Summary: Obj: Acidize - SICIP 0 psi. Breakdown San Andres, 4351 - 4446 w/ 3.0 bbls fresh water @ 2 bpm and 2051 psi. Acidize with 48 bbls 7.5% NEFE HCl at 5 bpm and 1256 psi dropping 60 - 7/8" 1.3 s.g. ball sealers during the last 36 bbls of acid. Saw good even ball action. Balled off 84 bbls into flush w/ 40 balls on formation. Displaced with 120 bbls fresh water. Turn to tanks for flowback. ISIP: 1087 psi. MTP: = 3800 psi. ATP: 1087 psi. MTR: 8 bpm. ATR: 6 bpm. TLTR: 171 bbls. LRTdy: 0 bbls. WO Frac.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total: 8,918	Cum Cost To Date: 355,524
<b>&lt;Rig?&gt; 8/29/2012 06:00 - 8/30/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/30/2012	PL System: CO2 (%)
Daily Summary: WO frac		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 355,524
<b>&lt;Rig?&gt; 8/29/2012 06:00 - 8/30/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/30/2012	PL System: CO2 (%)
Daily Summary: WO Frac		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 355,524
<b>&lt;Rig?&gt; 8/30/2012 06:00 - 8/31/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 8/31/2012	PL System: CO2 (%)
Daily Summary: MIRU Frac Spec. and Flo Co2 Frac the San Andreas formation, Perforations, 4,540'-4640' with 126 BBLs 15% Gelled NEFE HCL and 65Q CO 2 , 225 BBLs 15% NEFE HCLX - Linked and 65Q CO2 , 60 BBLs 15% NEFE HCL, 471 BBLs 20# linear gel and 65 Q Co 2. 18260 lbs 20/40 Ottawa sand. Opened well head and load, 11 bbls to load. Zone frac'd as designed. ATP : 1771 psi. ATR : 34 bpm. MTP : 2619 psi. MTR : 40 bpm. ISIP : 1480 psi. 5 min: 1322 psi. 10 min: 1286 psi. 15 min: 1259 psi. TL : 1182 bbls. CO 2 Down hole, 285 tons. Cool down 10 tons , RDMO Frac crew. WO flowback. TLTR-1352, Wait 48 hrs to flowback. LRTdy-0		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total: 151,630	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 8/31/2012 06:00 - 9/1/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 9/1/2012	PL System: CO2 (%)
Daily Summary: WO FB		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 9/1/2012 06:00 - 9/2/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	Report End Date: 9/2/2012	PL System: CO2 (%)
Daily Summary: Flowing back		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153

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<b>&lt;Rig?&gt; 9/2/2012 06:00 - 9/3/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/3/2012		
Daily Summary: Flowing back		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 9/3/2012 06:00 - 9/4/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/4/2012		
Daily Summary: Flowing back		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 9/4/2012 06:00 - 9/5/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/5/2012		
Daily Summary: WO Flowback/CO		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 9/5/2012 06:00 - 9/6/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/6/2012		
Daily Summary: WO Flowback/CO		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 507,153
<b>&lt;Rig?&gt; 9/6/2012 06:00 - 9/7/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/7/2012		
Daily Summary: WO Flowback/CO		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total: 6,200	Cum Cost To Date: 513,353
<b>&lt;Rig?&gt; 9/7/2012 06:00 - 9/8/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/8/2012		
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total: 3,850	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/8/2012 06:00 - 9/9/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/9/2012		
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/9/2012 06:00 - 9/10/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/10/2012		
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/10/2012 06:00 - 9/11/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/11/2012		
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/11/2012 06:00 - 9/12/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Report End Date: 9/12/2012		
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203

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### SOUTH FUHRMAN MASCHO UNIT 5120

<b>&lt;Rig?&gt; 9/12/2012 06:00 - 9/13/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: WO test		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/13/2012 06:00 - 9/14/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales. Day 1.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/14/2012 06:00 - 9/15/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/15/2012 06:00 - 9/16/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/16/2012 06:00 - 9/17/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/17/2012 06:00 - 9/18/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/18/2012 06:00 - 9/19/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/19/2012 06:00 - 9/20/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/20/2012 06:00 - 9/21/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203
<b>&lt;Rig?&gt; 9/21/2012 06:00 - 9/22/2012 06:00</b>		
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original	
Permit Number: 745329	PL System:	CO2 (%):
Daily Summary: Pumping to sales.		
Daily Production Summary:		
AFE Number: DB12577	Daily Cost Total:	Cum Cost To Date: 517,203

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### SOUTH FUHRMAN MASCHO UNIT 5120

<Rig?> 9/22/2012 06:00 - 9/23/2012 06:00

Job Category: Drilling/Initial Completion

Permit Number: 745329

Report End Date: 9/23/2012

Daily Summary: Pumping to sales. Day 10.

Daily Production Summary:

AFE Number: DB12577

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Daily Cost Total:

Cum Cost To Date: 517,203

<Rig?> 9/23/2012 06:00 - 9/24/2012 06:00

Job Category: Drilling/Initial Completion

Permit Number: 745329

Report End Date: 9/24/2012

Daily Summary:

Daily Production Summary:

AFE Number: DB12577

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Daily Cost Total:

Cum Cost To Date: 517,203

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