



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

Field Name: SHAFTER LAKE NORTH		API No.: 42003464900000		Total Depth (ftKB): 5,022.0	
Corporate ID: 127291		Section: 38		Block: 13	
		Survey: UL			
9/24/2014 05:00 - 9/25/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/25/2014		PL System:	
Operations at Report Time: Drlg 12 1/4 hole.				CO2 (%):	
Operations Summary: This report was automatically created by WellView-SiteView Costs Integrator.					
AFE Days (days): 4.91			Job Day: 1		
9/25/2014 05:00 - 9/26/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/26/2014		PL System:	
Operations at Report Time: Trip in hole w/Fishing tools				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 2		
9/26/2014 05:00 - 9/27/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/27/2014		PL System:	
Operations at Report Time: work pipe/Jar down.				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 3		
9/27/2014 05:00 - 9/28/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/28/2014		PL System:	
Operations at Report Time: Trip in hole w/12 1/4 bit.				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 4		
9/28/2014 05:00 - 9/29/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/29/2014		PL System:	
Operations at Report Time: Cement 8 5/8 casing.				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 5		
9/29/2014 05:00 - 9/30/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 9/30/2014		PL System:	
Operations at Report Time: Drlg 7 7/8 Production hole.				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 6		
9/30/2014 05:00 - 10/1/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 10/1/2014		PL System:	
Operations at Report Time: Drlg 7 7/8 Production hole.				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 7		
10/1/2014 05:00 - 10/2/2014 05:00					
Job Category: Drilling/Initial Completion			Primary Job Type: Drilling - original		
State: TX			County/Parish: ANDREWS		
Permit Number: 789398		Report End Date: 10/2/2014		PL System:	
Operations at Report Time: Run 5 1/2 Production Casing				CO2 (%):	
Operations Summary:					
AFE Days (days): 4.91			Job Day: 8		



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

10/2/2014 05:00 - 10/3/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/3/2014	PL System:	CO2 (%):
Operations at Report Time: Release Rig @ 9:30am 10/2/2014			
Operations Summary:			
AFE Days (days): 4.91		Job Day: 9	
10/3/2014 05:00 - 10/4/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/4/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Clean location, set anchors, bring braiden head to surface. . MIRU e-line operator e-line & RIH w/CLL/GR/CNL tools, tagged PBTD @ 4851', logged to Surface, POOH RDMO wireline. SWI, WO procedure.			
AFE Days (days): 4.91		Job Day: 10	
10/4/2014 05:00 - 10/5/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/5/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Prep and clean location, NUFV			
AFE Days (days): 4.91		Job Day: 11	
10/5/2014 05:00 - 10/6/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/6/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Log			
AFE Days (days): 4.91		Job Day: 12	
10/6/2014 05:00 - 10/7/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/7/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Log			
AFE Days (days): 4.91		Job Day: 13	
10/7/2014 05:00 - 10/8/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/8/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: MIRU Horizon WSU #25, HPJSM (Preview Daily Activity) WO Rig Mat, RU WSU,NDFV, NU BOP, Set PR, MI Spot Pump,PIT & Swivel, WO WS, Prep To DO/CO Cement. Secure Well, Clean Loc, SDFN, Will DO/CO Tomorrow AM.			
AFE Days (days): 4.91		Job Day: 14	
10/8/2014 06:00 - 10/9/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/9/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Horizon WSU #25, Travel To Loc, HPJSM/JSA(Tripping Pipe). Looked At Tbg That Was Del For WS Was Heavy With Scale & Parrifin, We Could Not Use. KC Pipe Del Trk PU Wrong Tbg. Another WS Was Del To Loc Arriving At 1:15 PM.Rig Crew Pulled Tally MU TIH BHA For DO/CO, 4 3/4" Tri-Cone Bit,Bit Sub, With 148 JtsTagged @ 4,818' LD 1 JT, Secure Well, Clean Loc, SDFN, Travel To Denver City, Yard. Will DO/CO Tomorrow AM.			
AFE Days (days): 4.91		Job Day: 15	
10/9/2014 06:00 - 10/10/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 10/10/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Horizon WSU #25, Travel To Loc, HPJSM/JSA (DO/CO). Open Well, PU Swivel & 1 Jt 2 7/8",L-80, Tag @ 4,818', 148 Jts,Break Cir, DO Rubber & Cement To 4,878' , 151 Jts, Cir 120 Bbls Treated FW w/Biocide, Tested Csg To 1,000 Psi Held Ok. RDMO Pump, Pit & Swivel, TOOHD LD 2 7/8" WS , ND BOP, NU FV, Will Test To 3,800 Psi Tomorrow. RDMO Release Horizon WSU. Secure Well Leave SI.			
AFE Days (days): 4.91		Job Day: 16	



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

10/10/2014 05:00 - 10/11/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/11/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: MIRU KT Test FV, Could Not Test Due To Formation Breakdown, At 1,200 Psi, Surface Csg Had Pressure Buildup During Pumping, RDMO KT. Schedule WL TO Set CIBP, Test And Perf, WL Had To Get Crane Trk From Odessa And Would Be Late. Rescheduled For Tomorrow AM.

AFE Days (days): 4.91

Job Day: 17

10/11/2014 05:00 - 10/12/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/12/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: MIRU Archer E-Line WL, w/Packoff & Lubricator, And Crane Trk. PU RIH JB w/ 4.625 GR, CCL, Put In 11' KB Tagged @ 4,870'. POOH LD JB MU PU RIH CCL, Model 20 Baker Stting Tool 5 1/2" 10 K CIBP. Set At 4,868'. POOH LD Setting Tool., MIRU KT Pressure Test Plug To 3800 Psi. Pump 1 1/2 BPM To 1,300 Psi Could Not Test, RDMO KT. MU PU RIH Dump Bailer And 1 Sack Cement, Dump On Plug, POOH RDMO E-Line WL. Will Move On Rig, Test w/Tbg & Packer. JR&I Services Spotting PR & RM. 2 7/8" L-80 WS To Be Del Today P.M. Secure Well, WO WSU.

AFE Days (days): 4.91

Job Day: 18

10/12/2014 05:00 - 10/13/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/13/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO WSU

AFE Days (days): 4.91

Job Day: 19

10/13/2014 05:00 - 10/14/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/14/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: RU KT Test Csg, Dumped 1 Sack Cement On CIBP 10-11-14. Retested To See If Csg Would Hold, Pressured To 1,300 Psi And Started Pumping Into Formation SD Pump, Pressure Bled Off To 1,200 Psi And Held This Pressure. RDMO KT. NDFV, NU WH. Test Packer On Loc, MI Spot Reverse Unit For Testing, WO WSU. SDFD

AFE Days (days): 4.91

Job Day: 20

10/14/2014 05:00 - 10/15/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/15/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: MIRU WSU Prep to RIH w/Packer test csg.

AFE Days (days): 4.91

Job Day: 21

10/15/2014 05:00 - 10/16/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/16/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: Horizon WSU #25, HPJSM (Testing CSG), NDWH, NU BOP, Tally 160 Jts 2 7/8" L-80 WS, MU TIH 5 1/2" Arrowset 1X Pkr And 78 Jts @2,544' Set Pkr Pressure Csg To 1,600 Psi (Held) Pressure Tbg To 1,300 Psi Pump Into Formation. TIH 98 Jts @3,158' Pressured Csg (Held), Pressured Tbg, Pumped Into Form @ 1,300 Psi. TIH w/150 Jts Tag Cement On Plug @ 4,866', PU To 4,864' Set Pkr Pressure Csg To 1,600 Psi Held 5 Min, RU Pressured Tbg Pumped Into Form @1,300 Psi. Notified Raul Rodriguez.. After our conversation, we could move up hole 10' and Set CIBP and dump 2 sacks cement on plug, we would still have 32' R H below Perf's @ 4,820'. Was Informed To Proceed With Above Plan. Release Pkr, TOOH With Tbg & Pkr, LD WS, OOH w/Tbg & Pkr, Secure Well, Clean Loc, SDFN.

AFE Days (days): 4.91

Job Day: 22



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

10/16/2014 05:00 - 10/17/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/17/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: , Horizon WSU #25, HPJSM (WL Safety), MIRU Archer E-Line W/ Packoff & 5K Lubricator, PU RIH 5 1/2" 10K Owen Tool Co. CIBP, Baker Model 20 Setting Tool, CCL, Tag PBTD @ 4,871' PU 10' Set Plug @ 4,861', PU And Set Tool WT. Down On Plug, (OK), POOH LD Setting Tool, RU Pump And Pressure TO 2,500 Psi , Held 5 Min (OK) RD Pump, PU WL Dump Bailer , Load w/ 2 Sacks Cement RIH Tag CIBP Dump Cement. POOH LD Dump Bailer . PU & RIH w/ 3-1/8" Slick Gun System (23 gm EXP-3323-322T charge, 0.42" EHD, & 35.1" ETP, 60° phasing) & perforated stage 1 (San Andres) 4,600'-4,800' OA as per procedure, 1,2 SPF, 21 total holes. NOTE !! Dropped Bottom Gun Per Ralph Briseno. POH & LD 3-1/8" slick guns. RDMO e-line operator e-line. ND BOP, NUWH ,RDMO Horizon WSU, Secure Well, Clean Loc. Lariat Rental Equip. To NDWH, NUFV And Test SI, OART prep f/acid..

AFE Days (days): 4.91

Job Day: 23

10/17/2014 05:00 - 10/18/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/18/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: HPJSM Acid Safety. MIRU, Acid Specialists BD perms @ 3526 psi. Acidize San Andres 4600'-4800' with 12 bbls. 7.5% NEFE HCL, 36 bbls. 7.5% NEFE HCL w/ 45 1.3, s.g ball sealers. Flush w/ 120 bbls FW. balled out with 25 balls on, good ball action.. SI well. ATP: 2152 psi. ATR: 6.4 bpm. MTP: 4005 psi. MTR: 8 bpm. ISIP: 1043 psi, 5 min 875 psi, 10 min 835 psi, 15 min 802 psi., TLTR: 174 bbls. RDMO Acid Crew.

AFE Days (days): 4.91

Job Day: 24

10/18/2014 05:00 - 10/19/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/19/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO Frac

AFE Days (days): 4.91

Job Day: 25

10/19/2014 05:00 - 10/20/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/20/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO Frac

AFE Days (days): 4.91

Job Day: 26

10/20/2014 05:00 - 10/21/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/21/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO Frac

AFE Days (days): 4.91

Job Day: 27

10/21/2014 05:00 - 10/22/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/22/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO FL & Frac

AFE Days (days): 4.91

Job Day: 28

10/22/2014 05:00 - 10/23/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/23/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO FL & Frac, Set 320 P/U

AFE Days (days): 4.91

Job Day: 29

10/23/2014 05:00 - 10/24/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 10/24/2014

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Operations at Report Time:

Operations Summary: WO FL & Frac

AFE Days (days): 4.91

Job Day: 30



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

10/24/2014 05:00 - 10/25/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/25/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO FL & Frac			
AFE Days (days): 4.91	Job Day: 31		
10/25/2014 05:00 - 10/26/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/26/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO FL			
AFE Days (days): 4.91	Job Day: 32		
10/26/2014 05:00 - 10/27/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/27/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO FL			
AFE Days (days): 4.91	Job Day: 33		
10/27/2014 05:00 - 10/28/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/28/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO FL			
AFE Days (days): 4.91	Job Day: 34		
10/28/2014 05:00 - 10/29/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/29/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO FL			
AFE Days (days): 4.91	Job Day: 35		
10/29/2014 05:00 - 10/30/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/30/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO ROW			
AFE Days (days): 4.91	Job Day: 36		
10/30/2014 05:00 - 10/31/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 10/31/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO ROW			
AFE Days (days): 4.91	Job Day: 37		
10/31/2014 05:00 - 11/1/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 11/1/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac			
AFE Days (days): 4.91	Job Day: 38		
11/1/2014 05:00 - 11/2/2014 05:00			
Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS		
Permit Number: 789398	Report End Date: 11/2/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac			
AFE Days (days): 4.91	Job Day: 39		



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

11/2/2014 05:00 - 11/3/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/3/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac			
AFE Days (days): 4.91	Job Day: 40		
11/3/2014 05:00 - 11/4/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/4/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac			
AFE Days (days): 4.91	Job Day: 41		
11/4/2014 05:00 - 11/5/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/5/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac 11/7/14			
AFE Days (days): 4.91	Job Day: 42		
11/5/2014 05:00 - 11/6/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/6/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac			
AFE Days (days): 4.91	Job Day: 43		
11/6/2014 05:00 - 11/7/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/7/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO Frac 11/7/14			
AFE Days (days): 4.91	Job Day: 44		
11/7/2014 05:00 - 11/8/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/8/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: HPJSM On Traped pressure. MIRU Frac Specialists. Frac San Andres 4600'-4848' with 1104 bbls. 20# X-link borate gel,135,036 lbs 16/30 Cadre sand and 25,000 lbs 16/30 Garnet sand. Flush w/108 bbls FW. Opened WH and BD @ 875 psi. Est rate 6 bpm . Zone frac'd as designed. ATP: 2166 psi. ATR: 46 bpm. MTP: 2949 psi. MTR: 58 bpm. ISIP: 1278 psi, 5 min 1015 psi, 10 min 936 psi, 15 min. 902 psi. FG .70 TLTR: 1761 bbls. SI for 24 hours, OART prep f/FB on 11/7/14. RDMO Frac Specialist.			
AFE Days (days): 4.91	Job Day: 45		
11/8/2014 05:00 - 11/9/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/9/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Well SI with SICP 500 psi. Open well on 15/64" choke to flow back tank with FCP 460 psi at 7:30 PM.			
AFE Days (days): 4.91	Job Day: 46		
11/9/2014 05:00 - 11/10/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/10/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Chock Open , Psi 0 Total Bbls 280			
AFE Days (days): 4.91	Job Day: 47		



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

11/10/2014 05:00 - 11/11/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/11/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: NDFV, Wait On Clean Out			
AFE Days (days): 4.91		Job Day: 48	
11/11/2014 05:00 - 11/12/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/12/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: Travle to location. HPJSM, MIRU WSU,ND,WH NU,BOP. Rack & tally 2 7/8" J-55 production tbgs. PU, RIH w/ 4-3/4" blade bit, bit sub, 130 jts. Of tbgs, Secured well, SDFN			
AFE Days (days): 4.91		Job Day: 49	
11/12/2014 05:00 - 11/13/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/13/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: HPJSM continue w/CO. Tag fill @ 4756', 147 jts. MIRU RU broke circulation, drill & clean down to 4879' PBTD 150 jts. Circ. BU & POOH above perms. SD 1-hr , RIH Tag @ 4879',150 jts.. Circulate hole clean. RD RU, LD extra tbgs. POOH w/tubing SB Secured well SDFN.			
AFE Days (days): 4.91		Job Day: 50	
11/13/2014 05:00 - 11/14/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/14/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: HPJSM. PU RIH w/ BP= 4665', 1- 2 7/8" Fiberglass jt., M/H,2- 8' 2 7/8" subs. SN= 4589', EA joint, 5 joints, TAC = 4393, 134 joints on top, ND,BOP,set TAC w/16 points. NU,WH. PU & RIH w/16' X 1 3/4" GA, 2-1/2" X 1-3/4" X 16' RHAC insert pump, 1-3/4" shear coupling, 1-7/8 X 4' stabilizer bar, 10- 1 1/2" sinker bars, 101- 3/4" Weatherford KD rods, 70 7/8" Weatherford KD rods, 8',6',4'- 7/8" Pony rod, PRL & 1-1/4 X 26' polish rod. ,MIRU KT,pump 50 bbls treated water w/ Boicide, seat pump, test to 500 psi. held OK, good pump action. RDMO KT,RDMO LWSU.			
AFE Days (days): 4.91		Job Day: 51	
11/14/2014 05:00 - 11/15/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/15/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: JR& I roustabouts HU WH,FL. JR&I roustabouts clean location. Moved 17 jts. 2 7/8" tbgs.8-7/8" KDs,5- 3/4" KDs, to Nix yard. Payroll burden/allocation & admin fees added to today's report.			
AFE Days (days): 4.91		Job Day: 52	
11/15/2014 05:00 - 11/16/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/16/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO POC and Electrical HU			
AFE Days (days): 4.91		Job Day: 53	
11/16/2014 05:00 - 11/17/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/17/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: WO POC and Electrical HU			
AFE Days (days): 4.91		Job Day: 54	
11/17/2014 05:00 - 11/18/2014 05:00			
Job Category: Drilling/Initial Completion		Primary Job Type: Drilling - original	
State: TX		County/Parish: ANDREWS	
Permit Number: 789398	Report End Date: 11/18/2014	PL System:	CO2 (%):
Operations at Report Time:			
Operations Summary: HU POC and Electrical			
AFE Days (days): 4.91		Job Day: 55	



UL Well History

UNIVERSITY 38C-4

UNIVERSITY 38C-4
127291

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

11/18/2014 05:00 - 11/19/2014 05:00

Job Category: Drilling/Initial Completion

State: TX

Permit Number: 789398

Report End Date: 11/19/2014

Operations at Report Time:

Operations Summary: Start-up well, WO 24hr Test

AFE Days (days): 4.91

Primary Job Type: Drilling - original

County/Parish: ANDREWS

PL System:

CO2 (%):

Job Day: 56