Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1230985

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

#### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15				
Name:	Spot Description:				
Address 1:					
Address 2:	Feet from  North / South Line of Section				
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx. xxxxx)				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:					
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:				
OG   GSW   Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back       Conv. to GSW       Conv. to Producer	(Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:				
SWD         Permit #:	Location of fluid disposal if hauled offsite:				
ENHR         Permit #:	Location of huld disposal in hadied offsite.				
GSW     Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East _ West				
Recompletion Date Recompletion Date	County: Permit #:				

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1230985
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Show important tang of formations papatrated	Datail all cores Report a	Il final conject of drill stoms tasts giving interval tasted, time tool

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No	L	og Formatio	n (Top), Depth and Datum		Sample
Samples Sent to Geolog	jical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String Size Hole Drilled		Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD		· · · · · · · · · · · · · · · · · · ·	
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No	(If No, skip questions 2 and 3)
Does the volume of the total	base fluid of the hyd	raulic fracturing treatment ex	ceed 350,000 gallons?	Yes	No	(If No, skip question 3)
Was the hydraulic fracturing	treatment information	n submitted to the chemical of	disclosure registry?	Yes	No	(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record d of Material Used)	Depth	
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F		No	
Date of First, Resumed	I Product	tion, SWD or ENH	٦.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	ər	Bbls.	Gas-Oil Ratio	Gravity
									T	
			METHOD OF COMPLE		ETION: PRODUCTION		PRODUCTION IN	TERVAL:		
			Open Hole	Perf.	Dually (Submit)	/ Comp. Commingled ACO-5) (Submit ACO-4)				
			Other (Specify)							

Form	ACO1 - Well Completion				
Operator Mai Oil Operations, Inc.					
Well Name	Miller Farms 2				
Doc ID	1230985				

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	514	60-40 POZ		2%gel, 3% CC
Production	7.875	5.5	14	3546	60-40 POZ	160	

JAMES C. MUSGROVE Petroleum Geologist, LLC 212 Main Street P.O. Box 215 Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations Miller Farms #2 N/2-NE-SE-NE (1625' FNL & 330' FEL) Section 36-16s-14w Barton County, Kansas

Page 1

# 5 1/2" Production Casing Set

Contractor:	Southwind Drilling Co. (rig #3)
Commenced:	July 22, 2014
Completed:	July 27, 2014
Elevation:	1988' K.B., 1986'' D.F., 1980' G.L.
Casing program:	Surface; 8 5/8" @ 514' Production, 5 ½ @ 3549'
Sample:	Samples saved and examined 3000' to the Rotary Total Depth.
Drilling time:	One (1) foot drilling time recorded and kept 3000 ft. to the Rotary Total Depth.
Measurements:	All depths measured from the Kelly Bushing.
Drill Stem Tests:	There were three (3) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log:	By Nabors; Dual Induction, Compensated Density/Neutron Log and Micro Log.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	951	+1037
Base Anhydrite	980	+1008
Heebner	3146	-1158
Toronto	3162	-1174
Brown Lime	3221	-1233
Lansing	3230	-1242
Base Kansas City	3437	-1449
Arbuckle	3453	-1465
Rotary Total Depth	3550	-1562
Log Total Depth	3549	-1561

All tops and zones corrected to Electric Log Measurement.

Mai Oil Operations Miller Farms #2 N/2-NE-SE-NE (1625' FNL & 330' FEL) Section 36-16s-14w Barton County, Kansas

Page 2

### SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

## **TOPEKA SECTION**

- 3093-3106' Limestone, white/gray, fossiliferous, chalky, poor porosity, trace black and brown stain, no free oil and no odor in fresh samples.
- 3106-3126' Limestone, white, cream, finely crystalline, poor visible porosity, dark brown spotty stain, trace of free oil and no odor in fresh samples.

#### **TORONTO SECTION**

3163-3171' Limestone, cream, finely crystalline, fossiliferous in part, chalky, poor visible porosity, black spotty stain, no free oil and no odor in fresh samples.

# LANSING SECTION

Limestone, tan, medium crystalline, few fossiliferous, chalky, trace tan 3203-3236' chert. Limestone, cream, finely crystalline, few cherty, dense. 3246-3254' Limestone, cream, tan, finely crystalline, oolitic, sub-oomoldic, scattered 3257-3264' porosity; chalky, trace poor brown stain, no free oil and no odor, plus gray and tan chert. Limestone, white, gray, oolitic, chalky, poorly developed porosity; no 3270-3280' shows. Limestone, tan, oolitic, chalky, poor visible porosity, brown spotty stain, 3290-3300' no free oil and questionable odor in fresh samples. Limestone, gray, cream oomoldic, good oomoldic porosity, 3306-3326' chalky (barren). Limestone, white, cream, oolitic, oomoldic, fair porosity, trace 3359-3367' brown and gray stain, show of free oil and faint odor. Limestone, white, gray, oolitic, chalky, scattered porosity, brown 3381-3387' stain; show of free oil and faint odor in fresh samples. Limestone, white, cream, sub-oomoldic, oolitic, fair sub-oomoldic 3395-3400' porosity, brown stain, trace of free oil and no odor in fresh samples.

Mai Oil Operations Miller Farms #2 N/2-NE-SE-NE (1625' FNL & 330' FEL) Section 36-16s-14w Barton County, Kansas

Page 3

Drill Stem Test #1 3340-3400

Times:	30-30-45-60						
Blow:	Weak						
Recovery:	160' n	nuddy water					
Pressures:	FFP	848 832 31-52 56-84 1616-1584	psi psi psi psi psi				

3421-3432' Limestone, white, oolitic, chalky, poor porosity, no shows.

## ARBUCKLE SECTION

- 3453-3460' Dolomite, white, cream, finely crystalline, few cherty, poor porosity, trace brown stain, trace of free oil and faint odor.
- 3460-3470' Dolomite, cream, white, fine and medium crystalline, scattered intercrystalline porosity, brown stain and saturation, show of free oil and faint odor in fresh samples.

Drill Stem T	<u>est #2</u>			3407-3470
Times:	30-30	-3030		
Blow:	Weak	(		
Recovery:	2' mu 2' cle	ıd an oil		
Pressures:	ISIP FSIP IFP FFP HSH	131 53 16-17 18-17 1656-1619	psi psi psi psi psi	

3470-3480' Dolomite, as above, brown stain, show of free oil and odor.

3480-3487' Dolomite, tan, brown, medium crystalline, fair inter-crystalline porosity, brown stain and saturated in part; show of free oil and faint odor, plus tan, oolitic chert. Mai Oil Operations Miller Farms #2 N/2-NE-SE-NE (1625' FNL & 330' FEL) Section 36-16s-14w Barton County, Kansas

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Drill	Stom	Test #3	
	Otenn	1031 10	

3407-3487

Times: 30-30-30-45

Blow: Strong

Recovery: 30' clean oil 30' muddy oil (25% mud; 75% oil) 320' mud cut watery oil (60% oil; 10% water; 30% mud)

Pressures:	ISIP	1085	psi
	FSIP	1089	psi
	IFP	20-102	psi
	FFP	110-174	psi
	HSH	1665-1621	psi

- 3481-3510' Dolomite, as above, plus tan/gray, fine and medium crystalline, dolomite, and white/tan oolitic chert, no shows.
  3510-3530' Dolomite, tan, gray, finely crystalline, fair to good inter-crystalline and vuggy type porosity, no shows.
- 3530-3550' Dolomite, tan, buff, finely crystalline, few medium crystalline, sucrosic in part, fair porosity, plus white boney chert.

Rotary Total Depth3550Log Total Depth3549

#### **Recommendations:**

5 1/2" production casing set and cemented on the Mai Oil Operations Inc., Miller Farms #2.

Respectfully yours,

James Q. Musgkove etroleym Geologist



TESTING, INC		Mai Oil Operations, Inc.	36-16s-14w Barton,KS					
		8411 Preston Rd. Ste. 800			ler Farn			
		Dallas, TX 75225		Job Ticket: 58382 DST#:1				
NOV.		ATTN: Jim Musgrove		Test	Start: 20	)14.07.25 @	22:45:18	
GENERAL	INFORMATION:	99-215-28-285-19-29-29-29-29-29-29-29-29-29-29-29-29-29	an a					
	No Whipstock: ened: 02:04:48 ded: 06:28:18	ft (KB)		Test Test Unit	ter: E	Conventiona Brannan Lo 62	al Bottom Ho nsdale	e (Initial)
nterval:	3340.00 ft (KB) To 34	100.00 ft (KB) (TVD)		Refe	erence Be	evations:	1988.00	ft (KB)
Total Depth: Hole Diamete	3400.00 ft (KB) (T				KD 4		1980.00	
NOC LABITICIE	7. 7.00 Incheshol	e Condition: Poor			KB I	o GR/CF:	8.00	n
Serial #: Press@RunE Start Date: Start Time: TEST CON	Depth: 84.29 psig 2014.07.25 22:45:19 IMENT: 30- IF- Built very 30- ISI- No blow	End Date: End Time: quickly to 2" in 1 min then slow ly y slow ly to 2 1/2"	2014.07.26 06:28:18 an additional 2	Capacity: Last Calit Time On I Time Off 1/2" during	o.: Btm: 2 Btm: 2	2014.07.26	8000.00 2014.07.26 @ 02:03:48 @ 04:50:48	psig
	Pressanc vs.	Senac B73 Vergendam	Time	PF	RESSUR Temp	RE SUMM	and the second se	
1580			(Min.)	(psig) 1615.85	(deg F)	hitial Lhudr	o ototio	
1259		-	0	30.72		Initial Hydr Open To F		
-			31	52.03		Shut-In(1)		
-			61 a 62	847.75 55.73		End Shut- Open To F		
r -			107	84.29		Shut-In(2)		
788			167	832.35	104.03 104.28	End Shut- Final Hydr		
			167	1584.26				
				1584.26				
730 329 4 2294	Recovery			1584.26		s Rates		
Length (ft)	Recovery	Volume (bbl)		1584.26			ure (psig) G	as Rate (Mcfrc
-	Recovery			1584.26	Ga		ure (psig) G	as Rate (Mct/c

Trilobite Testing, Inc

Ref. No: 58382

Printed: 2014.07.28 @ 15:49:36

RILOBITE	Mai Oil Operations, Inc. 36-16s-14w Barton,KS						
TESTING, INC	Mai Oil Operations, Inc.		36-1	6s-14w	Barton,KS	6	
	8411 Preston Rd. Ste. 800 Dallas, TX 75225			er Farr icket: 58		DST#:2	
	ATTN: Jim Musgrove		Test	Start: 20	014.07.26 @ 1	6:46:49	
GENERAL INFORMATION:	ليتعريك والمراجع والم						
ormation: )eviated: No Whipstock: ime Tool Opened: 18:19:49 ime Test Ended: 21:42:49	ft (KB)		Test Teste Unit N	er:	Conventional I Brannan Lons 62		e (Reset)
nterval: 3407.00 ft (KB) To 34 otal Depth: 3470.00 ft (KB) (TV lole Diameter: 7.88 inchesHole	'D)		Refer		evations:	1988.00 1980.00 8.00	ft (CF)
Serial #: 8673 Inside				****		tin meda staffet in alter stip if yea	
Yress@RunDepth:         17.15 psig           Start Date:         2014.07.26           Start Time:         16:46:50	<ul> <li>3408.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2014.07.26 21:42:49	Capacity: Last Calib. Time On B Time Off B	tm	20 2014.07.26 @ 2014.07.26 @		psig
EST COMMENT: 30- IF- Weak sur 30- ISI- No blow 30- FF- No blow 30- FSI- No blow	ace blow died in 2 mins						
Pressare vs. T	ime III		PR	ESSUF	RE SUMMA	RY	
		Time (Min.) 0 1 30 58 59 90 120 121	Pressure (psig) 1655.91 15.97 16.72 131.09 18.19 17.15 53.22 1619.39	99.76 100.12 100.05 100.46 100.79	Open To Flor Shut-In(1)	static w (1) 1) w (2) 2)	
Recovery					s Rates		
Length (ft) Description	Volume (bbl)			Choke (i	inches) Pressure	(psig) Gas	Rate (Mcf/d)
2.00 M 2.00 CO	0.03 0.03						
		1					

	DRILL STEM TEST REPO			ORT				
RILOBITE	Mai Oil Operations, Inc.			36-	36-16s-14w Barton,KS			
ESTING , INC	8411 Preston Rd. Ste. 800 Dallas, TX 75225				ler Farn		Det#	2
	ATTN: Jim Musgrove		Job Ticket: 58384 DST#: 3 Test Start: 2014.07.27 @ 04:00:07			5		
GENERAL INFORMATION:	hangan de Yanan dan at da at denana yang gan mang dat angkan ke silah dapi dapa at angkan yang mga mini daga da					and a first design of the pairs.	****	
Formation: Deviated: No Whipstock: Time Tool Opened: 05:29:37 Time Test Ended: 09:17:37	ft (KB)		Test Test Unit	ter:	Conventior Brannan L 52	nal Bottom H onsdale	ole (Reset)	
Interval:3407.00 ft (KB) To34Total Depth:3487.00 ft (KB) (The construction of the con				Ref	erence Ele KB t	evations:	1980.0	0 ft (KB) 0 ft (CF) 0 ft
Serial #: 8673         Outside           Press@RunDepth:         174.47 psig           Start Date:         2014.07.27           Start Time:         04:00:08	@ 3408.00 ft (KB) End Date: End Time:	2	2014.07.27 09:17:37	Capacity Last Calil Time On Time Off	b.: Btm:		8000.00 2014.07.2 7 @ 05:29:0 7 @ 07:45:3	7 7
TEST COMMENT: 30- IF- BOB 13 mins 30- ISI- No blow 30- FF- BOB 13 mins 45- FSI- No blow								
Pressare vs. 7	See I				the state of solution of the second	RE SUMI		
			Time (Min.)	Pressure (psig)	Temp (deg F)	Annota	tion	
		-	0	1665.30		3 Initial Hydro-static		
-			1 29	19.68 102.09		Open To Shut-In(1	. ,	
			29 61	102.09		End Shut	/	
		- Tempe	61	109.59		Open To		
70		ourta	90	174.47		Shut-In(2	/	
		(*) geb	136 137	1089.25 1621.30		End Shut Final Hyd		
dial dial dial dial dial dial dial								
Recovery			Gas Rates					
Length (ft) Description	Valume (bbl)			Choke (inches) Pressure (psig) Gas			Gas Rate (Mcf/d)	
60.00 MCO, 25%M 75%O	0.82							
320.00 SWMCO, 10%W 30%M	60%O 4.37							
* Recovery from multiple tests								

Trilobite Testing, Inc

Ref. No: 58384

Printed: 2014.07.28 @ 15:48:31

# QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 098

调

0011703-324-1041	A second second second second second	a a tar tar	Sellin M. Complete				
Date 7-22-14 36	Twp. Range	2	County	State	On Location	Finish 10.15 pm	
Date	16 17	Da	CTOPI	The state	15	IVE WAT	
Lease Miller Far	MS Well No. 2	Locatio	Owner	ney Eleva	tor - IE -	1/2 3, 11/1	
Contractor Southwind	3		To Quality Oi	well Cementing, Inc.		an an is the second	
Type Job Surface		( P.014	You are here cementer and	by requested to rent d helper to assist own	cementing equipmen her or contractor to de	t and furnish o work as listed.	
Hole Size 12.74	T.D. 514'		Charge	12: 01	operation	Constant of the state of the second	
Csg. 85/8 "	Depth 514	@ 00 R	Street				
Tbg. Size	Depth	in terms	City		State		
Tool	Depth	a davera	The above wa	s done to satisfaction a	nd supervision of owner	agent or contractor.	
Cement Left in Csg. 20'	Shoe Joint 20	AUC Y	Cement Amo	ount Ordered 250	5x 60/40	3% (C 2% Gel	
Meas Line	Displace 31 Va	BLS	gmette ektion	acced to a stars live St	DAUG KARANA	Charles and	
EQUIPM	IENT		Common	superient to reliat have	entering the relation	AL BOY NORDE	
Pumptrk   Helper   )	illa		Poz. Mix	RA KONSU		and other most the set of the	
Bulktrk 9 No. Driver	a d		Gel.	antoniam folibras dopa	N. CBRIAN HOLMOT	1449544	
Bulktrk D. UNO. Driver Por	K		Calcium	Nosge nelvo-sito pa			
JOB SERVICES	& REMARKS		Hulls	new Jace to which	ea begae to occiliar a	states and the second second	
Remarks: Cement di	id Circula	le	Salt				
Rat Hole	northeadain. Cuatornan i	a sea b	Flowseal	entrinance of the jo	g ierts most greater, by	entralisti ayan est	
Mouse Hole			Kol-Seal				
Centralizers	onghi by any persent wo	nd , day	Mud CLR 48	atendale godyli yihi	it, peppiny and bi	Sec. 1998 (A)	
Baskets	ameli i su i suane		CFL-117 or C	CD110 CAF 38	indiana and and	100 M	
D/V or Port Collar	and the second second second second	uricane	Sand	and the second	AUD device declaration	s retrike ket glovel.	
the second second second second			Handling				
		» //	Mileage			er e parquette	
		ni orași ni orași		FLOAT EQUIPM	ENT		
			Guide Shoe			200	
a marina ny fisiaza azamana mare i			Centralizer		AND AND AND AND AND A		
methics a the latesper marchines	and sed as works con	eimer v	Baskets		ne sou this	1000 1000 1000 1000	
and the second sec			AFU Inserts			nicial decision of the	
STREET IN PLANE AND PLANE		1.	Float Shoe			24050 Millionaria	
		12.2.43	Latch Down			anaxa najamp	
strict presentation of the	Histo YTIJAUO bos to	Sec.	entration and the film				
	CO PARA	11 million	C. C. Martin	TO DECAS	and an and a second	inniation (each ga	
area to the second to second a second			Pumptrk Charge				
			Mileage	o forvitring under	and the stars of	n sa endo mora in	
CAULTERST and the environment	n to distant to action		and an	an a	Tax		
A ALAN AND A REPORT AND A A	r ronagelase) adam, to r	actinical			Discount	e estuaremente YT	
Signature Jun M	ien				Total Charge		
Nº 8						Longer Stranger	

OUDALITY OLLWELL CEMENTING, INC.         Forma 128, 10, 24, 20-2886 (107)         Phone 785-483-2025         Contractor 28, 10, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2		L CEMENTING. INC.					
Date     34     14     Backar, MS     Mail And MS       Lease     Miller farms     Well No.     Owner Will No.     Owner Will No.       Contractor Scient Will     To Quality Oliveit Comenting, Inc.     You an interby requested to rent comenting equipment and furnish to Quality Oliveit Comenting. Inc.     You an interby requested to rent comenting equipment and furnish to Quality Oliveit Comenting. Inc.       Hole Size     T.D.     T.D.     T.D.     Contractor to do work as listed.       You as a hereby requested to rent comenting equipment and furnish to gain to do work as listed.     Contractor to do work as listed.       Hole Size     Depth     T.D.     T.D.       Size     Depth     Street     And       Tool     Depth     City     State       Tool     Depth     The above was done to satisfaction and supervision of owner agent or contractor.       Cement Left in Css.     Shoe Joint     T.Z.       Common     Common     Common       Pumptrk     No.     Contract       Bulktrk     No.     Diver       JOB SERVICES & REMARKS     Hulis       Remarks:     Sait       Rat Hole     Shoe       Mouse Hole     Kol-Seai       Oriver     Mode CL R 48     DOU Ogg       Mouse Hole     Kol-Seai       Oriver     Sand	Phone 785-483-2025 Home Office P.O. B						
Lease       Miler Torms       Well No.       Owner With         Contractor       Contractor       To Quality Oliveil Cementing, inc.         Type Job       For Quality Oliveil Cementing, inc.         Type Job       For Quality Oliveil Cementing, inc.         Hole Size       T.D.       Streat         Csg.       Depth       Charge         Contractor Left in Csg.       Depth       Streat         Tool       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cement Left in Csg.       Street       Common         Pumptrk       No       Displace         EQUIPMENT       Common       Common         Pumptrk       No       Dirver         JOB SERVICES & REMARKS       Hulls         Remarks:       Remarks:         Rat Hole       Sate         Or or contractor       Calcium         JOB SERVICES & REMARKS       Hulls         Baskets       CFL-117 or CD110 CAF 38         DV or Port Collar       Sand         Mud CLR 48       DUD         Mud CLR 48       Sude Shoe         Mud Clar Shoe       Sand         Mud Clar Shoe       Sand         Mud Clar Shoe	1. 15-14/2/11/11/12	I LE MAINTZAIL					
Contractor Science       To Quality Olivel Committy of equipment and furnish commenting equipment and furnish comment on contractor to do work as listed.         Hole Size       T.D.       SC         Csg.       Depth       Charge         Tool.       Depth       Street         Tool.       Depth       Charge         Tool.       Depth       Charge         Tool.       Depth       Street         Tool.       Depth       Charge         Tool.       Depth       Street         Tool.       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cement Left in Csg.       Shoe Joint       Street         Weas Line       Displace       Common         EQUIPMENT       Common       Common         Pumptrk.       No.       Oniver       Calcium         Bulktrk       No.       Driver       Calcium         JOB SERVICES & REMARKS       Hulis       Model       Calcium         Remarks:       Sati       Sati       Calcium         Remarks:       Sati       Mud CLR 48       DOU Gege         Model       Kol-Seal       Charge       Charge         Mouse Hole       Col-TI Mud CLR 48 <t< td=""><td>ml Locati</td><td>ion Stickny Eluctor 1E1225</td></t<>	ml Locati	ion Stickny Eluctor 1E1225					
Contractor       You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.         Vipe Job       T.D.         Hole Size       T.D.         Csg.       Depth         Dig. Size       Depth         City       State         Tool       Depth         Cernent Left in Csg.       Shoe Joint         With a state       Common         EouipMENT       Common         Pumptrk       No.         Diver       Out         JOB SERVICES & REMARKS       Hulls         Remarks:       Salt         Rat Hole       Shoe         Oriver       Out         JOB SERVICES & REMARKS         Hulls       Flowseal         Mouse Hole       Kol-Seal         Centralizers       Salt         Baskets       Sand         DY       Oriver         Mouse Hole       Sand         Centralizers       Flowseal         Mouse Hole       Sand         Centralizers       Flowseal         Diver       Sand         Hulls       Sand         Diver       Dot         Baskets	Lease /////er torms Well No. 2						
Interview       T.D.       Charge         Io       Io       Io         Io       Depth       Street         Tbg. Size       Depth       City         Tool       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cernent Left in Csg.       Shoe Joint       7.74         Cernent Left in Csg.       Shoe Joint       7.74         Cernent Left in Csg.       Displace       Common         EQUIPMENT       Common       Common         Pumptrk       No.       Displace       Cold Max         Bulktrk       No.       Dirver       Gel.         Bulktrk       No.       Dirver       Gel.         JOB SERVICES & REMARKS       Hulls       Hulls         Remarks:       Salt       Flowseal         Mouse Hole       Kol-Seal       Gel.         Centralizers       Sand       Flowseal         DV or Port Collar       Sand       Guide Shoe         DV or Port Collar       Sand       Guide Shoe         DV of Port Collar       Sand       Guide Shoe         DV of Port Collar       Sand       Guide Shoe         DV of Port Collar       Sand       Guide Shoe	Contractor Sal HIMIN 3	- You are hereby requested to rent cementing equipment and furnish					
Hole Size       T.D.       To         Csg.       Depth       Street         Tog. Size       Depth       City       State         Tool       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cernent Left in Csg.       Shoe Joint       The above was done to satisfaction and supervision of owner agent or contractor.         Cernent Left in Csg.       Shoe Joint       Common         EQUIPMENT       Common         Pumptrk       No.       Driver         Bulktrk       No.       Driver         JOB SERVICES & REMARKS       Hulis         Remarks:       Satit         Rat Hole       Soft         DV or Port Collar       Mud CLR 48         DY or Port Collar       Sand         Mole Shoe       Sand         Markts       CFL-117 or CD110 CAF 38         DV or Port Collar       Sand         Mole Shoe       Centralizer         Mole Shoe       Sand         Markts       Centralizer         DV or Port Collar       Sand         DY or Port Coll	Type Job Long String						
Tbg. Size       Depth       City       State         Tool       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cerment Left in Csg.       Shoe Joint       Cerment Amount Ordered       Office         Meas Line       Displace       Office       Office       Office         Meas Line       Displace       Office       Office       Office         Pumptrk       No.       Cermenter       Poz. Mix       Office         Bulktrk       No.       Driver       Office       Calcium         Bulktrk       No.       Driver       Office       Calcium         JOB SERVICES & REMARKS       Hulls       Eal       Office         Bulktrk       No.       Driver       Office       Calcium         JOB SERVICES & REMARKS       Hulls       Eal       Office         Bulktrk       No.       Driver       Office       Calcium         JOB SERVICES & REMARKS       Hulls       Eal       Office         Baskets       Cell       Kol-Seal       Centralizer         Office       Calcium       Mud CLR 48       DOO       Office         Difference       Sand       FLOAT EOUIPMENT       Guide Shoe	Hole Size 718 T.D. 3550						
Tool       Depth       The above was done to satisfaction and supervision of owner agent or contractor.         Cement Left in Cso.       Shoe Joint       Cement Amount Ordered         Meas Line       Displace       Output       Common         EQUIPMENT       Common       Poz. Mix         Bulktrk       No.       Cementer       Poz. Mix         Bulktrk       No.       Driver       Output       Calcium         JOB SERVICES & REMARKS       Hulls       Calcium       Output         JOB SERVICES & REMARKS       Hulls       Output       Calcium         JOB SERVICES & REMARKS       Hulls       Output       Output         Remarks:       Sait       Mulls       Mulls         Retarks:       Sait       Mull CLR 48       OUD Gal         Baskets       CFL-117 or CD110 CAF 38       Displace       Mull CLR 48         Mull       Mull Gal       Mileage       Mull CLR 48       OUD Gal         Mull       Mull Gal       Sand       Gal       Gal       Gal         Option       Mull Gal       Sand       Gal       Gal       Gal         Mouse Hole       CFL-117 or CD110 CAF 38       Gal       Gal       Gal       Gal       Gal       Gal <td>Csg. 5 2 Depth 3546</td> <td>Street // 4/ 0/</td>	Csg. 5 2 Depth 3546	Street // 4/ 0/					
Cement Left in Cso, 4, 5, No. Bisplace       Displace       Cement Amount Ordered         Meas Line       Displace       Displace       Displace         EQUIPMENT       Common         Pumptrk       No.       Cementer         Bulktrk       No.       Dirver       Bel.         Bulktrk       No.       Dirver       Gel.         Bulktrk       No.       Dirver       Gel.         JOB SERVICES & REMARKS       Hulls       Hells         Remarks:       Salt       Salt         Rat Hole       SO       Kol-Seal         Mouse Hole       Kol-Seal       Centralizers         Centralizers       IO-II       Mud CLR 48       DOO ggl         D/V or Port Collar       Sand       Handling         Muther       Mileage       Muleage         Muther       Muleage       FLOAT EQUIPMENT	Tbg. Size Depth	City State					
Meas Line       Displace       Output         Pumptrk       No.       Cermenter         Pumptrk       No.       Cermenter         Heiper       Poz. Mix         Bulktrk       No.       Driver         Driver       Odd       Calcium         JOB SERVICES & REMARKS       Hulls         Remarks:       Salt         Remarks:       Salt         Rat Hole       Kol-Seal         Contralizers       IO-II         Mud CLR 48       OO Ogl         OV or Port Collar       Sand         Mileage       Mileage         Mud CLR 48       OO Ogl         Mileage       Mileage         Mud CLR 48       OO Ogl         OV or Port Collar       Sand         Mileage       Mileage         Mud CLR 48       OO Ogl         Mileage       Mileage         Mileage       Mileage         Mileage       Mileage         Mileage       Mileage         Mode Shoe       Centralizer         Mode Shoe       Centralizer         Mileage       Mileage         Mileage       Mileage         Mileage       Mileage <td>Tool Depth</td> <td>The above was done to satisfaction and supervision of owner agent or contractor.</td>	Tool Depth	The above was done to satisfaction and supervision of owner agent or contractor.					
EQUIPMENT     Common       Pumptrk     No.     Cementer       Bulktrk     No.     Driver       Bulktrk     No.     Driver       Bulktrk     Oriver     Gel.       Bulktrk     Oriver     Calcium       JOB SERVICES & REMARKS     Hulls       Remarks:     Salt       Rat Hole     Kol-Seal       Centralizers     Image: CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Model     Handling       Mileage     Mileage       Muthe     Baskets	Cement Left in Csg. 9, 574 Shoe Joint 19,5744	Cement Amount Ordered 60 60/40					
EQUIPMENT     Common       Pumptrk     No.     Cementer       Bulktrk     No.     Driver       Bulktrk     No.     Driver       Bulktrk     No.     Driver       Bulktrk     Oriver     Gel.       Bulktrk     Oriver     Calcium       JOB SERVICES & REMARKS     Hulls       Remarks:     Salt       Rat Hole     Kol-Seal       Mouse Hole     Kol-Seal       Centralizers     Image: CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Market     Mileage       Multe     Baskets       CFL-117 or CD110 CAF 38       D/V or Port Collar       Gaude Shoe       Contralizer       Contralizer       Contralizer       Contralizer       Contralizer	Meas Line 1014 Displace 86, 0142	10% Salt 1% del Yutton					
Pumptrk     5     Helper     Poz. Mix       Bulktrk     No.     Driver     Gel.       Bulktrk     No.     Driver     Gel.       Bulktrk     No.     Driver     Calcium       JOB SERVICES & REMARKS     Hulls       Remarks:     Salt       Rat Hole     Sold       Mouse Hole     Kol-Seal       Centralizers     IO-II       Mud CLR 48     DOO ggl       Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Mark     Sand       Multege     Mileage       Muthege     Suide Shoe       Centralizer     Log Mark       Sand     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Sand     Suide Shoe       Muthege     Suide Shoe       Mark     Suide Shoe       Centralizer     Web Stop		Common					
Bulktrk       No.       Driver       Gel.         Bulktrk       Driver       Calcium         JOB SERVICES & REMARKS       Hulls         Remarks:       Salt         Rat Hole       SOS/AS         Flowseal       Mud CLR 48         Mouse Hole       Kol-Seal         Centralizers       JO-II         Mud CLR 48       DOO BG/         Baskets       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand         Handling       Mileage         Mud Handling       Mileage	Pumptrk S No. Cementer Helper	Poz. Mix					
Bulktrk       Driver       Outs       Calcium         JOB SERVICES & REMARKS       Hulls         Remarks:       Salt         Rat Hole       Salt         Mouse Hole       Kol-Seal         Centralizers       0.0.0         Baskets       CFL-117 or CD110 CAF 38         DV or Port Collar       Sand         Multiple       Handling         Multiple       Mileage         Multiple       Sinder         Mole Shoe       Centralizer         Control Collar       Sand         Control Collar       Sand         Multiple       Mileage         Multiple       Sinder         Multiple       Sinder         Multiple       Sinder         Multiple       Sinder         Multiple       Sinder         Multiple       Mileage         Multiple       Sinder	No Driver	Gel.					
JOB SERVICES & REMARKS     Hulls       Remarks:     Salt       Rat Hole     Sold       Mouse Hole     Kol-Seal       Centralizers     IO-II       Mud CLR 48     DOD Ball       Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Mileage     Mileage       Mud CLR 48     DOD Ball       Contralizers     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       Mileage     Mileage       Mud CLR 48     DOD Ball       Contralizer     Contralizer       Contralizer     Contralizer       Contralizer     Contralizer       Contralizer     Contralizer       Contralizer     Contralizer       Contralizer     Contralizer	No Driver Contraction	Calcium					
Remarks:       Salt         Rat Hole       30 5/45         Rat Hole       Flowseal         Mouse Hole       Kol-Seal         Centralizers       -         Description       Mud CLR 48         DV or Port Collar       Sand         DV or Port Collar       Guide Shoe         DM Hop Mole       Centralizer	1 10 1						
Rat Hole       Flowseal         Mouse Hole       Kol-Seal         Centralizers       -         Gentralizers       -         Baskets       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand         Handling       Mileage         Mileage       Mileage         Mud CLR 48       CFL-117 or CD110 CAF 38         D/V or Port Collar       Sand         D/V or Port Collar       Guide Shoe         Content       Guide Shoe         Baskets       Centralizer         D/L 30 J/L Mark       Centralizer         D/L 30 J/L Mark       Baskets	Bemarks:	and the second					
Mouse Hole     Kol-Seal       Centralizers     0.11       Baskets     CFL-117 or CD110 CAF 38       D/Open     Sand       D/Open     D/Open       Handling       Mileage       Mileage       Mileage       Bosh down hole       Centralizer       Mud CLR 48       D/Open       D/Open <tr< td=""><td>2001</td><td>A CONTRACT OF A CONTRACT OF A</td></tr<>	2001	A CONTRACT OF A					
Centralizers     0-11       Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       D/V or Port Collar     Handling       Mileage     Mileage       Mud CLR 48     DOO 894       D/V or Port Collar     Sand       D/D Pol     Handling       Mileage     Mileage       Mud GLR 48     Centralizer       Mileage     Mileage       Mod Guide Shoe     Centralizer       D/S Hand     Mileage       D/S Hand     Mileage							
Baskets     CFL-117 or CD110 CAF 38       D/V or Port Collar     Sand       D/QPed     Differentiation       Handling       Handling       Mileage       Mileage <t< td=""><td></td><td></td></t<>							
D/V or Port Collar Sand D/Oped B/ Grant d Handling Handling Mileage Mid thick blog Hat S/ FLOAT EQUIPMENT hold 309HS Milead Baskets Centralizer 10605 10 Centralizer 10605 10 Baskets	The content of a second for the second se						
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