# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

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

Operator: License # 33060	API No. 15 - 025-21321-00-00
Name: Diversified Operating Corp	County: Clark
Address: 15000 West 6th Ave. Suite 102	SE_NE_NE_SW Sec. 21 Twp. 31 S. R. 21 East  West
City/State/Zip: Golden, CO 80401	2077 feet from S / N (circle one) Line of Section
Purchaser: Not Available Yet	2727 feet from W (circle one) Line of Section
Operator Contact Person: Terry Cammon	Footages Calculated from Nearest Outside Section Corner:
Phone: (303 ) 384-9611 RECEIVED	(circle one) NE (SE) NW SW
Contractor: Name: Murfin Drilling Rig 21	Lease Name: Moore Well #: 21-11-8
Contractor: Name: Mulling Rig 21  APR 1 0 2006	Field Name: Diversified Operating Corp
	Producing Formation: Mississippian
Wellsite Geologist: MBC Well Logging  Designate Type of Completion:  KCC WICHITA	Elevation: Ground: 2064 Kelly Bushing: 2075
New Well Re-Entry Workover	Total Depth: 6417 Plug Back Total Depth: 5243
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 673 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	Delling Finish Management Plan
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan AIT I NCL (Data must be collected from the Reserve Pit) 10-31-08
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 4000 ppm Fluid volume 3000 bbls
Plug BackPlug Back Total Depth	Dewatering method used Natural Drying and Hauling
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name: Dillco Fluid Services
2-16-06 3.4.06	Lease Name: Regier License No.: 6652
Spud Date or Recompletion Date  Date Reached TD Completion Date or Recompletion Date	Quarter Sec. 17 Twp. 33 S. R. 27 ☐ East ✓ West County: Mead Docket No.: C-21232
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: X Signature: X	KCC Office Use ONLY
Title:X Politica of DateX 4/5/2	N Letter of Confidentiality Received
Subscribed and sworn to before me this 5th day of April	If Denied, Yes Date:
20 0b	Wireline Log Received
Made A R SOTA	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: 4/19 13 806	

Operator Name: Dive	ersified Operating	Corp		Leas	e Name:_	<i>l</i> oore		. Well #: 21-1	1-8	
Sec. 21 Twp. 3			✓ West	Coun	ty: Clark					
NSTRUCTIONS: SI ested, time tool oper emperature, fluid rec Electric Wireline Logs	n and closed, flowing covery, and flow rate	g and shut s if gas to	in pressures, s surface test, a	whether s long with	shut-in pre	ssure reached	d static level, hydro:	static pressure	es, bottom h	ole
Orill Stem Tests Take (Attach Additional		<b>₹</b>				.og Formation (Top), Depth and Datum			Sample	
Samples Sent to Geo	ological Survey		s 🗸 No		Nam	9		Тор	Dati	ım
Cores Taken You Gubmit Copy)			es No	✓ No See Attached Mud Log				RECEIVE	Ď	
ist All E. Logs Run:							A	PR 1 1 20	ົ ກາດ	
Compensated Micro Log	i Neutron Den	sity, Du	ual Induction	on,			KC	RECEIVE PR 10 20 WICHI	TA	
		Reno	CASING	RECORD	_		iction etc			
Purpose of String	Size Hole	Siz	e Casing	W	eight	Setting	Type of	# Sacks Used	Type and Addit	
Conductor	Drilled 24	20	(In O.D.)	LOS	s. / Ft.	Depth 44	Common	USEC	Addit	ves
Surface	12 1/4	8 5/8		24		673	Lite and Common	450		
Production	7 7/8	5 1/2		15.50		5304	50/50 Poz	350		
		<del></del>	ADDITIONAL	CEMENT	TING / SQL	JEEZE RECOF	RD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	e of Cement #Sacks		ks Used	s Used Type and Percent Additives				
				<u> </u>			<del>-</del>			
Shots Per Foot			RD - Bridge Plug Each Interval Per		e Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)					Depth
4 SPF	5151' to 5158					2000 Gal I	Foamed 20% HO	CL acid	51	151-58
		tania.			, ,					
TUBING RECORD	Size	Set At 5151		Packer	r At	Liner Run	Yes No			
Date of First, Resume	3/8 rd Production, SWD or I peline Connection	Enhr.	Producing Met	hod	<b>√</b> Flowin	g Dum		t Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf 1000	Wat	er	Bbls. G	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION			l	Production In	terval			
Vented  ✓ Sold (If vented, S	Used on Lease ubmit ACO-18.)		Open Hole  Other (Spec	✓ Pe	erf. [] ( ing on pipe	Dually Comp.	Commingled			

# Cementing Job Summary

The Road to Excellence Starts with Safety

									ith Sa								
Sold To #: 3				Ship To	#: 2483			uote #:							r#: 42		
Well Name:	MO	DRE			L		21-11-8				AP	I/ŲW	// #:A	FEYS	oZ40	S 11:	SILAA
Field:			Cit	y (SAP):	UNKNO	VN (	County/P	arish: (	Clark		•		State:	Kans	as	•	
Contractor:	Mu	fin Dd	g		Rig/Pla	atform	Name/Nu	ım: 21	•								• • • • • • • • • • • • • • • • • • • •
Job Purpos	e: C	ement	Produc	tion Cas	ing												
Well Type: [	Deve	lopme	nt Well		Job Ty	pe: Ce	menting										
Sales Perso				7			sor: GRI	EEN. SC	COTT	N	ABU II	D En	np #:	3012	61		
					1		ob Pers						·F				
HES Emp	o Nan	ne	Exp Hrs	Emp#	HE	S Emp I		Exp Hr	Emp	#	HE	S En	np Nar	ne	Exp	Hrs	Emp#
BERUMEN,			8.0	267804			UARDO	8.0	3712		GREE				9.0	<u> </u>	301261
EDUARDO					Carrillo						Anthor				1		
HUMPHRIE	•		9.0	106085	LOVIN	S, MAT	٢	9.0	3455	79							···
GARRY DWE	ayne				<u> </u>			<u> </u>	<u> </u>	<u>l</u> .							
							Equipm										
		nce-1	way		t# Distan			IES Unit		tance-	1 way		HES L				way
10010921C	90	mile		1024414	8 90 m	ile	10	286731	90	) mile		1	105476	395	90 n	nile	
54219	90	mile		D0132	90 m	ile			T						T		
					····	······	Job Ho	urs				-:-					
Date	On L	ocatio	7 0	perating	Date		Location	Oper	ating	T	Dat	e.	On L	ocatio	n	Ope	erating
	Hou			Hours			ours	Hou					Hour	3			ours
03-03-2006	ļ	4		0	03-04-2	006	6		1								
TOTAL	<u> </u>	<del> </del>					Tota	al is the s	sum of e	ach co	olumn						
		·		Job	* .		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·			Time				:
Formation Na		200	=									Date			me		e Zone
Formation De	epth	MD)	Гор			tom	T		ed Out		03 - N			_	:00		CST
Form Type		-	5400 ft	ВН		<b>D</b>	5 400 B		ocatio		03 - N	-			:45		CST
Job depth MI Water Depth			5400 π		Depth TV Ht Above		5400 ft		Started				CST				
Perforation D	enth	/MID) /	From	IAAK	To	Tioor	4 ft		Comple arted Lo		04 - N				30		ST ST
- Gridiadon D	<del>CP</del>	1.0.27	10111		1.0	.L	Well Da		inted Lt	<u>, , , , , , , , , , , , , , , , , , , </u>	<del>- 1</del>	//ai -	2000	1 00.	.30		, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
Description	T	New				Weigi		Thread	· · · · · ·	Gr	ade	Ton	MD	Botto	m T	ор	Bottom
- · · · · · · · · · · · · · · · · · · ·		Used				lbm/i		i i ii cuu		0"	auc	, f		MD		VD	TVD
			•									, .	·		1 1	ft	ft
8 5/8 SURFA	CE	Used		8.62	C 0.007	<del></del>								ft			
^ A ^ I A I A				0.02	5   8.097	24						. (	)	673		T i	
				0.02		24						(	)	673			
7 7/8 OPEN				0.02	7.875	24							73				
7 7/8 OPEN HOLE		- No.			7.875							67	73	673 5400	0		
7 7/8 OPEN HOLE 5 1/2	J	New		5.5	7.875	15.5							73	673	0		
7 7/8 OPEN HOLE 5 1/2	N	New			7.875 4.95	15.5		Party /l	JES)			67	73	673 5400	0		
7 7/8 OPEN HOLE 5 1/2	٧	New		5.5	7.875 4.95	15.5	ental/3 <sup>rd</sup>	Party (l	HES)	I Oh:	Oty	67	73	5400 5305	5	upa!!	AF
7 7/8 OPEN HOLE 5 1/2 PRODUCTION				5.5	7.875 4.95	15.5		Party (i	HES)	Qty	Qty	67 (	73	673 5400 5305 th	5	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1	/2 8F	D,INS	RFLPR	5.5 Desc	7.875 4.95	15.5		Party (F	1ES)	1	E/	67 (uom	73	5400 5305 th	S ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,1	/2 8F	D,INSI	R FLPR	5.5  Desc	7.875 4.95	15.5	ental/3 <sup>ra</sup>		HES)	1	E/	67 (uom A	73	5400 5308 th H	S S ES	uppli	er
HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 1 PLUG ASSY, 3	/2 8F 1.250 3 WIP	D,INSF ID,4 1/ R LTH-	R FLPR	Descriving ISR	7.875 4.95 	15.5	ental/3 <sup>rd</sup>	IVED		1 1	E/	67 (0 Lom A A	73	5400 5305 <b>th</b> H	S ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,1 PLUG ASSY,3 BAFFLE ASSY	/2 8F 1.250 3 WIP 7 - 5-	D,INSF ID,4 1/ R LTH- 1/2 8RI	R FLPR V 2,5 IN IN DWN,5 D - LATC	Desci V ISR 1/2 CSG H-DOWN	7.875 4.95 	15.5	ental/3 <sup>rd</sup>			1 1 1 1	E) E)	67 Lom A A A	73	5400 5300 th H	S S ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,3 PLUG ASSY,3 BAFFLE ASSY	/2 8F 1.250 3 WIP / - 5- ,5 1/2	D,INSI ID,4 1/ R LTH- 1/2 8RI CSG 2	R FLPR \( \frac{1}{2}, 5  IN	Desci V ISR 1/2 CSG H-DOWN	7.875 4.95 	15.5	ental/3 <sup>rd</sup>	IVED		1 1 1 1 20	E/ E/ E/	10m A A A A A A	73	5400 5300 th H	S ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,1 PLUG ASSY,3 BAFFLE ASSY CTRZR ASSY COLLAR-STO	/2 8R 1.250 3 WIP / - 5- ,5 1/2 P-5 1	D,INSF ID,4 1/ R LTH- 1/2 8RD CSG 2	R FLPR V 2,5 IN IN DWN,5 D - LATC X 7 7/8 H	Desci V ISR 1/2 CSG H-DOWN	7.875 4.95 S ription	15.5	RECE	EIVED   0 200	6	1 1 1 20 0	E/ E/ E/ E/	67 Lom A A A A	73	5400 5309 th H	S S ES ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,1 PLUG ASSY,3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT,CEM,5	/2 8R 1.250 3 WIP / - 5- ,5 1/2 P-5 1	D,INSF ID,4 1/ R LTH- 1/2 8RD CSG 2 /2"-W/D	R FLPR V 2,5 IN IN DWN,5 D - LATC X 7 7/8 F DOGS 7/8,8 3/4	Descriving SR 1/2 CSG H-DOWN IOLE, HIN	7.875 4.95 Sription	15.5	ental/3 <sup>rd</sup>	EIVED   0 200	6	1 1 1 1 20 0 2	E/ E/ E/ E/ E/	67 Lom A A A A	73	5400 5300 th H H H	ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE,IFS,5-1 FILUP ASSY,1 PLUG ASSY,3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT,CEM,5	/2 8R 1.250 3 WIP / - 5- ,5 1/2 P-5 1 1/2 C	D,INSF ID,4 1/ R LTH- 1/2 8RD CSG 2 /2"-W/D	R FLPR V 2,5 IN IN DWN,5 D - LATC X 7 7/8 F DOGS 7/8,8 3/4	Descriving SR 1/2 CSG H-DOWN IOLE, HIN	7.875 4.95 Sription	15.5	RECE	EIVED   0 200	6	1 1 1 20 0 2	E/ E/ E/ E/ E/ E/ E/	67 Lom A A A A A	73	5400 5309 th H H H H	ES ES ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT, CEM, 5 GSKT, CEM, 5	/2 8R 1.250 3 WIP 7 - 5- .5 1/2 P-5 1 1/2 C 1/2 C D-A	D,INSF ID,4 1/ R LTH- 1/2 8RD CSG 2 /2"-W/D	R FLPR V 2,5 IN IN DWN,5 D - LATC X 7 7/8 F DOGS 7/8,8 3/4	Descriving SR 1/2 CSG H-DOWN IOLE, HIN	7.875 4.95 Sription	15.5	RECE APR	:IVED   0 200 /ICHI	6 FA	1 1 1 1 20 0 2	E/ E/ E/ E/ E/	67 Lom A A A A A	73	5400 5309 th H H H H	ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 1 PLUG ASSY, 3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT, CEM, 5 BSKT, CEM, 5	/2 8R 1.250 3 WIP / - 5- ,5 1/2 P-5 1 1/2 C 1/2 C _D-A	D,INSF ID,4 1/ R LTH- 1/2 8RD 2 CSG 2 /2"-W/0 SG X 7 SG,SLI	R FLPR (2,5 IN IN DWN,5 D - LATC) X 7 7/8 H DOGS 7/8,8 3/P-ON,S	Desci V ISR 1/2 CSG H-DOWN IOLE,HIN	7.875 4.95 Sription	15.5 ales/R	RECE APR  KCC W	IVED   0_200   ICHI	6 FA	1 1 1 1 20 0 2 1 1	E.J. E.J. E.J. E.J. E.J. E.J. E.J.	760 mount	73 Dep	5400 5305 <b>th</b> H H H H	ES ES ES ES ES ES	uppli	er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 1 PLUG ASSY, 3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT, CEM, 5 KIT, HALL WEL	/2 8R 1 250 3 WIP / - 5- .5 1/2 P-5 1 1/2 C 1/2 C D-A	D,INSI ID,4 1/ R LTH- 1/2 8RI CSG 2/ 2'-W/I SG X 7 SG,SLI	R FLPR (2,5 IN IN DWN,5 D - LATC) X 7 7/8 H DOGS 7/8,8 3/4 P-ON,S	Desci V ISR 1/2 CSG H-DOWN IOLE,HIN 4 H	7.875 4.95 Sription GED	15.5	RECE APR  KCC W	IVED   0_200   ICHI	6 FA	1 1 1 1 20 0 2 1 1	EJ EJ EJ EJ EJ EJ	760 mount	Dep	5400 5309 th H H H H H	ES ES ES ES ES ES		er
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 1 PLUG ASSY, 3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT, CEM, 5 BSKT, CEM, 5 KIT, HALL WEL Type Suide Shoe	/2 8R 1 250 3 WIP / - 5- .5 1/2 P-5 1 1/2 C 1/2 C D-A	D,INSI ID,4 1/ R LTH- 1/2 8RI CSG 2/ 2'-W/I SG X 7 SG,SLI	R FLPR (2,5 IN IN DWN,5 D - LATC) X 7 7/8 H DOGS 7/8,8 3/P-ON,S	Desci V ISR 1/2 CSG H-DOWN IOLE, HIN 4 H FL BWS, C	7.875 4.95 Sription GED ANV	15.5 ales/Ro	RECE APR  KCC W	IVED   0_200   ICHI	6 FA	1 1 1 1 20 0 2 1 1 1	E/E/E/Plug	760 A A A A A A A A A A A A A A A A A A A	Dep	5400 5305 <b>th</b> H H H H	ES E		
7 7/8 OPEN HOLE 5 1/2 PRODUCTION SHOE, IFS, 5-1 FILUP ASSY, 1 PLUG ASSY, 3 BAFFLE ASSY CTRZR ASSY COLLAR-STO BSKT, CEM, 5 BSKT, CEM, 5 KIT, HALL WEL  Type Guide Shoe Float Shoe	/2 8R 1 250 3 WIP / - 5- .5 1/2 P-5 1 1/2 C 1/2 C D-A	D,INSI ID,4 1/ R LTH- 1/2 8RI CSG 2/ 2'-W/I SG X 7 SG,SLI	R FLPR (2,5 IN IN DWN,5 D - LATC) X 7 7/8 H DOGS 7/8,8 3/4 P-ON,S	Descriving Signature 1/2 CSG H-DOWN IOLE, HIN TL BWS, C	7.875 4.95 Sription GED	15.5 ales/Ro	RECE APR  KCC W	IVED   0_200   ICHI	6 FA	1 1 1 1 20 0 2 1 1 1 1 LD F	EJ EJ EJ EJ EJ EJ	uom AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Dep	5400 5309 th H H H H H	ES ES ES ES ES ES ES		Make

Summit Version: 301825 Prpsl #:

Saturday, March 04, 2006 05:48:00

2483236 4257277

# Cementing Job Summary

	·· ··	····				Flu	d Data			<del>-</del>		<del>- · · · · · · · · · · · · · · · · · · ·</del>	<del></del>	
St	age/Plug	#: 1			V.			•					٠٠.	<del> </del>
Fluid #	Stage '	Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min		tal Mix d Gal/sk
1	2% KCL						20.00	bbl	0	٥.	.0 .	.0		
	2 gal/Mga	ıl	1	YFIX II, HALTAN		(9)							•	
2	MUD FLU	JSH	MU	D FLUSH - ZI - SE	M (13383)		12.00	bbl	8.4	.0	.0	.0		
	990 gal/Mg		L	SH WATER					•		•	•	<del></del>	
	1 gal/bbl		FDF	P-C694L-03, 5 GA	L PAIL (1014	124388)								
3	PRIMAR' CEMENT	Y	POZ	POZ PREMIUM 50/50 - SBM (12302)			350	sacks	13.8	1.38	5.55		5	5.55
	10 %		SAL	T, BULK (100003	695)		<u></u>		- <del>!</del>	<del></del>	<del>1</del>	L.—	1	
	6 lbm		GIL	SONITE, BULK (1	00003700)									
	0.75 %		HAL	AD(R)-322, 50 LE	(10000364	6)								
	5.551 Ga	I	FRE	SH WATER										
4	Displace	ment					126.00	bbl	0	.0	.0	.0	I	
	2 gal/Mga	ıl	CLA	CLAYFIX II, HALTANK (100003729)					<del></del>			!	L	
5	PLUG CE	MENT	POZ	PREMIUM 50/50	- SBM (123	02)	025	sacks	13.8	1.38	5.55		5	5.55
	10 %		SAL	.T, BULK (100003	595)		· · · · · · · · · · · · · · · · · · ·		<del></del>		•	· · · · · · · · · · · · · · · · · · ·	·	
	6 lbm		GIL	SONITE, BULK (1	00003700)					<del></del> -				
	0.75 %		HAL	AD(R)-322, 50 LB	(10000364	3)					<del></del>	***		
	5.551 Ga		FRE	SH WATER						<del></del>				
Ca	lculated	Values		Pressu	es				V	olumes				
	ement	126		Shut in: Instant	1920	Lost Re	turns		Cement Si		86	Pad		
	Cement			5 Min			t Returns		Actual Dis			Treatm		
	radient			15 Min		Spacer	S	32	Load and	Breakdo	wn	Total J	lob	244
Rates				16-24-4			r=:::		<del>,</del>					
Circula	ting  6 t Left In Pij		A	Mixing	6.5		Displacer	nent	7	: 1	Avg. Jo	ob	6.	.1
	ing #1 @		D D			Joint	C D:	. 4 2 6	1 1/5	·   · · · · · · · · · · · · · · · · · ·	<b>D</b> /- "	40	1	
iac Ki	ily # I W	1 1/2	U	Frac ring # 2			Frac Ring		ID		rac Ring #	4 (0)	IL	
The Ir	nformatio	n State	ed H	lerein Is Correc	t	Custo	omer Ri	· \(\nu \)	ntative S	Signatu	re			

RECEIVED
APR 1 0 2006
KCC WICHITA

Summit Version:

301825

Prpsl #:

Saturday, March 04, 2006 05:48:00

2483236

7.00.248

### Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 301825 Ship To #: 2483236 Quote #: Sales Order #: 4257277 Customer: DIVERSIFIED OPERATING CORP Customer Rep: Well Name: MOORE Well #: 21-11-8 API/UWI #: AFEYSOZ4051151LAAA Field: City (SAP): UNKNOWN County/Parish: Clark State: Kansas Legal Description: Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs. Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. Contractor: Murfin Drlg Rig/Platform Name/Num: 21 Job Purpose: Cement Production Casing Ticket Amount: \$ 26,969.17 Well Type: Development Well Job Type: Cementing Sales Person: SMITH, LARRY Srvc Supervisor: GREEN, SCOTT MBU ID Emp #: 301261

•		Ţ.÷	Rate	1	ume		Sure	1
Activity Description	Date/Time:	Cht	bbl/ min	1	pl	р	sig	Comments
<u> </u>		#.		Stage	Total	Tubing	Casing	
Call Out	03/03/2006 16:00							
Depart Yard Safety Meeting	03/03/2006 16:50							
Crew Leave Yard	03/03/2006 17:00							
Arrive at Location from Service Center	03/03/2006 19:45							
Assessment Of Location Safety Meeting	03/03/2006 20:00							Rig nipple down BOP & L/D kelly
Rig-Up Equipment	03/03/2006 20:45							Rig-up casing crew
HES Resources on Location and Available to Perform	03/03/200 <del>6</del> 21:05							Bulk truck on location w/ 375sx cement. Safety meeting w/ driver & spet equipment
Start In Hole	03/03/2006 21:30							Make-up Guide shoe w/ insert to btm of shoe joint and screw L/D baffle into collar of shoe joint
Casing on Bottom	03/04/2006 02:15							
Drop Ball	03/04/2006 02:16							Make-up cement head
Circulate Well	03/04/2006 02:25							Plug rathole & mousehole w/ 25sx cement @ 04:15hrs
Safety Meeting	03/04/2006 04:30							
Test Lines	03/04/2006 04:43					4500	1	
Pump Spacer 1	03/04/2006 04:47		4.5	20			250	RECEIVED
Pump Spacer 2	03/04/2006 04:52		6	12	20		300	APR 1 0 2006
Pump Cement	03/04/2006 04:54		7	86	32		350	KCC WICHITA

Sold To #:

Ship To #:

Prpsl #: 7.00.248

Sales Order #:

7.00.248

**SUMMIT Version:** 

Saturday, March 04, 2006 05:48:00

## Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments		
		#		Stage	Total	Tubing	Casing	•		
Clean Lines	03/04/2006 05:06				118					
Drop Plug	03/04/2006 05:08							Latch down 3 wiper plug		
Pump Displacement	03/04/2006 05:10		7	126			125			
Displ Reached Cmnt	03/04/2006 05:22		7	126	203		250	85bbl into displacement. Pressure from 125psi to 250psi		
Bump Plug	03/04/2006 05:30		2	126	244		1920	Slow pump rate to 2bpm for last 10bbl of displacement. Latch plug in baffle. Final circulating pressure - 800psi		
Check Floats	03/04/2006 05:32							Plug latched, float ok.		
Safety Meeting - Pre Rig- Down	03/04/200 <del>6</del> 05:35									
Rig-Down Equipment	03/04/2006 05:40									
Depart Location Safety Meeting	03/04/2006 06:25									
Depart Location for Service Center or Other Site	03/04/2006 06:30									

RECEIVED
APR 1 0 2006
KCC WICHITA

Sold To #:

Ship To #:

Prpsl #: 7.00.248

Sales Order #:

7.00.248

#### **Work Order Contract**

Order Number

4257277	,	

Halliburton Energy Services, Inc. Houston, Texas 77056

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

		The state of the s	<b>.</b>		
Weil No.	Farm or Lease	County	State	Well Permit Number	
21-11-8	MOORE	Clark	Kansas		
Customer DIVERSIFIED OPERATING CORP		Well Owner	Job Purpose Cement Prod	uction Casing	
		THIS WORK ORDER MUST BE SIGNED BEFOR	RE WORK IS COMMENC	ED .	······

- A. CUSTOMER REPRESENTATION Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").
- B. PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.
- C. RELEASE AND INDEMNITY Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Or stemer also agrees to <u>DEFEND, INDEMNIFY, AND HOLD</u> Halliburton Group <u>HARMLESS</u> from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property Januage and loss resulting from:

less of well-cented, recruiges to central a old individual whether underground or above the surface presenter underground dampde, recluding less of ref. pas. Their immeral substances or laboration numbers dampde, assign from underground dampde, dampde to or less of the laboration of the control of the control of the control of the laboration of the control of the laboration of the labora

CUSTOMER'S RELIGIAGE. REFENSE, INDENNITY AND HOLD MARKLESS obligations and apoly even if the liability and claims are caused by the sole, concurrent, across or passive negligence, taut, or strict about of one or more members of the Naniburton Group, the unserwardness of any vessel or any order or the rate, products, supplies, materials or anapotent transmed by the anapotent or members or members of the Hallburton Group whether in the design, manufacture, meintenance or marketing thereof or from a failure to warm of such defect. "Helliburton Group" is defined as Naliburton Energy Services, Inc., its parent, subscribing, and affiliated companies, insurers and abconstrations and all systems of the Halliburton Group, Customer agrees (HERNITY AND HOLD HARRIESS) abjustions apply whether the personal injury, theses, Jeath, property damage or loss is suffered by one or more members of the Halliburton Group, Customer agrees to support such obligations assumed herein such liability insurance with limits of not less than \$550,000. Customer agrees to support such obligations assumed herein such liability insurance with limits of not less than except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

- D. EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.
- E. LIMITED WARRANTY Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.
- F. GOVERNING LAW The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.
- G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.
- H. SEVERABILITY If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.
- MODIFICATIONS Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES

IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. LAM SIGNING THIS WORK ORDER CONTRACT WITH THE UNDERSTANDING THAT ITS TERMS AND CONDITIONS WILL NOT APPLY TO THE EXTENT THEY CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.

SIGNED:

CUSTOMER Authorized Standard FAR

DATE

3-04-06

TIME:

4:00

A.M.PM.

RECEIVED
APR 1 0 2006
KCC WICHITA

# ALLIEL CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

23069

Medicine lodge KS

SERVICE POINT:

			· · · · · · · · · · · · · · · · · · ·				
DATE 17 Feb 06	SEC.	TWP. 315	RANGE 21ω	CALLED OUT OS:00 Am	ON LOCATION 0830An	JOB START 7 / 1:30	JOB FINISH 4.00PM
<u>LEASE</u> MOOKE	WELL#	21-11-8	LOCATION Lex	ing ton Connen,	2 = 2/401	COUNTY	STATE KS
OLD OR NEW Cir			w/into	19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	· · · · · · · · · · · · · · · · · · ·	- wer	
CONTRACTOR	Murfin	v #21_	1 4/14/10	OWNER A	Diversif,	_ 'ed Ope	×
TYPE OF JOB S			(74	<u> </u>	:	,	
HOLE SIZE / 2/ CASING SIZE 8		T.D.	674 TH 674	_ CEMENT	00000 2.64	/ 5.27	. / . 2 n/
TUBING SIZE	- 10	DEP DEP		_ AMOUNT ORI	DERED 3.50	0 5 X 6 5 - 3 5	:6+3%cc
DRILL PIPE		DEP		+/4 T 1056	<u>a</u> 150	2 xx: C"+	3% cc
TOOL		DEP	···		;	7.77	
PRES. MAX 50	0		IMUM -	_ COMMON_Z	50 1	@ 12 26	1987.5
MEAS. LINE			E JOINT 40-11			@	7787,3
CEMENT LEFT IN	CSG.	40'		GEL GEL			
PERFS.				CHLORIDE	17		714,00
DISPLACEMENT	40%	6 B6/s	Fresh Hio	ASC		@	
		IPMENT		ALW 3	50	@ 8.95	3132.50
	200			Flo Sea	el 88 24	_@ <u>/.80</u>	
PUMP TRUCK C	EMENITE	ER D. Fe	7				
_		S. KRE					
BULK TRUCK	IELFER .	J. KRA	merc			@	
	RIVER	T. Kes	dea		; <b>•</b>	@	
BULK TRUCK	MIVEN (	). Nes	1700			@	
	RIVER (	C. Wilo	4 d	**********		_ @	
				<ul><li>HANDLING</li></ul>	539	_ @ <u>_1.2<i>0</i></u>	916,30
	D.E.			MILEAGE	70 X 539	<u> X.07</u>	2641.10
Δ -		1ARKS:				TOTAL	9549.8
Pipe on Born.	Brenk	G'rc.,	Pump Prefibit.	***			
MIX 3505K/end	L, mix	100sx +	wil, Stop Pump		SERVI	ICE	
Refease Plug		Disp.	waskup on Plu	7.			
	enpplug	at 4	O'/2 total BO		в <u>674</u> ′		
Fresh H2O,	Keleni	e PSI,	Float did No	≱ PUMPTRUCK	CHARGE <u>0</u> -	300'	735.00
Hold, Camer	A did A	10 + GR	c., King up 2",	EXTRA FOOT	AGE 374	<u>'</u> @_,60	224.40
Pump 30sx C +	- 3 10cc,	Topped	with watched	MILEAGE	0	@ <i>5.00</i>	350.00
30min, Hold	Rigge	d down	<u> </u>	– MANIFOLD 44	cadeental		80.00
					RECEIVED	@	
^			,			@	
CHARGE TO: $\mathcal{D}_{i}$	vensifie	1 Open	ating.	_	APR 10 2006		_
STREET		·	,	1.00	30	TOTAL	1389.40
				F 10	CC WICHITA		
CITY	STA	TE	ZIP	n	PLUG & FLOA	T EALLDMEN	T
				•	LUG & FLOA	LEQUIPMEN	4
				<b>T00</b> 1			
			8 %	6 - 1RP-7		@ <i>100,00</i>	100.00
			0 7			@	
To Allied Cementin	_					_ @	
You are hereby req						_ @	
and furnish cemen				ANY APPI	LICABLE T	<u>Λ</u> .Ψ.———	
contractor to do wo				WILL BY	E CHARGE	5°%.	1000 A
done to satisfaction				LIPORT E	NVOICING	TOTAL	NOU. UU
contractor. I have				,		9	<del></del>
CONDITIONS" lis	sted on th	e reverse	side.	TAX		-	
				TOTAL CHARG	GE		<del>3</del>
		^		DICOLUNIC	W.		
	_	. //	/ .	DISCOUNT		IF PAII	D IN 30 DAYS
signature	2 11		1.11	~			The grand State of the state of
SIGNATURE	M	Ach	med	1312 5	CHANNOT		-
			•	•		EDNAME	