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

. 32210	API No. 15 - 051-25496- 60-60
Operator: License # 32210 Name: Thunder Oil & Gas, LLC	County: Ellis
Name.	SW NESW NESec. 3 Twp. 11 s. R. 20 East X West
Address: P.O. Box 1788 City/State/Zip: Ardmore, OK 73402	1910 feet from S /(N) (circle one) Line of Section
	1725 teet from (E)/ W (circle ane) Line of Section
Purchaser: SemCrude Operator Contact Person: Harry A. Spring	Footages Calculated from Nearest Outside Section Corner:
Phone: (580) 226-3800	(circle one) NE SE NW SW
Contractor Name: American Eagle Drilling, LLC	Lease Name: Love Well #; 1
License:	Field Name: Wildcat
Wellsite Geologist: Mike Davignon	Producing Formation: Lansing/Kansas City
Designate Type of Completion:	Elevation: Ground: 2077 Kelly Bushing: 2082
X New Well Re-Entry Workover	Total Depth: 3686 Plug Back Total Depth: 3686
X Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 221 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
Ory Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1534
Operator:	feet depth to surface w/ 285 Alt-2-Dig - 3/20/69
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 5000 ppm Fluid volume 1000 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
•	
Commingled Docket No Dual Completion Docket No	Location of fluid disposal if hauled offsite:
	Operator Name:
	Lease Name: License No.:
2-08-06	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of 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	
All requirements of the statutes, rules and regulations promulgated to regulations promulgated to regulations are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Manager Date: 12907	Letter of Confidentiality Received
	It Denied, Yes Date:
Subscribed and sworn to before me this 49 day of	Wireline Log Received
20-0	Geologist Report Received
Nojary Public July July July July July July July July	UIC Distribution KANSAS CORPORATION COMMIS
Date Commission Explicas: 2-14-09	JAN 3 1 2007
Date Optimilisators Expiros.	JAN 3 1 2001

CONSERVATION DIVISION WICHITA, KS

erator Name:	rry A. Sı	oring	Lease Name: Love		\	Nell #:		
c. 3 Twp. 11	_s. R. <u>20</u>	☐ East X West	County:	llis				
ited, time tool open an	nd closed, flowing ery, and flow rates	nd base of formations per and shut-in pressures, if gas to surface test, a nal geological well site r	whether shut-in p long with final ch	ressure reached	static ievei, nydrost	atic pressure	38, DOLLOIN HOLE	
Drill Stem Tests Taken ☐X Yes ☐ No		[X	___\Log Formation		on (Top), Depth and Datum		9	
(Attach Additional She		☐ Yes ☐ No	Na	ime		Тор		
amples cont to decognish servey		Yes XNo		nhydrite		-		
ectric Log Run		X Yes No		Topeka 3123 Heebner 3333				
(Submit Copy) st All E. Logs Run:				ansing/K rbuckle	ansas Cit 3680	у	3372	
		CASING Report all strings set-		New Used intermediate, produc	ction, 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 Pe Additive	
Surface	12 1/4	8 5/8	23	221	Common	150	3% CC,	2%
Production	7 7/8	5 1/2	14	3686	ASC	150	3% CC,	2%_
		ADDITIONA	L CEMENTING / S	QUEEZE RECOR	D			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	d Type and Percent Additives				
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	igs Set/Type erforated		acture, Shot, Cement Amount and Kind of Mat)epth
2	3560-62			300	gal MCA			
	·							
TUBING RECORD	Size 2 7/8"	Set At 3660 *	Packer At	Liner Run	Yes No			
Date of First, Resumerd F				wing Pum	ping Gas Lift	ı 🗍 Ot	her (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls. G	as-Oil Ratio	G	avity
Disposition of Gas	METHOD OF	COMPLETION		Production Int	erval			

JAN 3 1 2007

Russell, KS 785-483-2627

P.O. Box 31 Russell, Kansas 67665 785-483-2627

Ticket #

Medicine Lodge 620-886-5926

48-0727860

Location PO# 3/7/06 Lease Well Owner EL KS Blake Exploration 010 Formation LKC Range Contractor Murfin Station Russell INFO: WELL DATA **PERFORATIONS TREATMENT** To: Allied Cementing Company, Inc. (ACID) 400# SIZE WEIGHT DEPTH VOLUME SHOTS FT. Max. Pressure 150 # You are hereby request to rent acidizing equipment to do work Min. Pressure TUBING 27/8 From 3560 to 62 3531 20.5 Avg. Inj. Rate . 75 bpr as listed. 51/2 From CASING Avg. TrT Pressure Charge To: Blake Exploration From <u>200</u> OPEN HOLE to Total Fluid Pumped to PKR From 36.0 RBP 3603 City From to TDPB TREATMENT LOG INJECTION FI UID IN INDIVIDUAL PRESSURE TOTAL FLUID **EXPLANATION** PUMPED 7.5 FLUID PUMPED RATE Start acid to spet, pkr.
Restart acid, pkr. set 353
Acid in, start Flush
Acid on perts
Loaded, pump chold
Toccesse chall **FORMATION** 30 H 30 H 2.5 13.0 2.0 Vac 2004 21.0 d, pump & ho 1.0 50 H Increase ,25 **J2.25** 1.0 1.0 23.0 25.0 34.0 200# 75# Acid dear, start overflush Overflush in, shut down 1504 36.0 ISIP = 50# 2 min to Vac Treat w/ 500 gel. of 20% mcA 30 Solvent RECEIVED MANUAS CORPORATION COMMISSION <u> JAN 3 1 2307</u> CONSERVATION DIVISION WICHITA, KS **UNIT PRICE TOTAL COST** MATERIALS USED **AMOUNT EQUIPMENT AND PERSONNEL** Pump Truck 500.00 500.00 Toda 925.00 20% MCA 1.85 ¥405 500 gal Toby 64.00 Inhibitor 32.00 2 991. 15 gal Solvent 18.00 270.00 Mileage 65.00 26 m <u>2.50</u> 1,824.00 Sub-Total X New Producer Tax discount will be allowed if paid in 30 days from invoice date. Old Producer .. Old Producer - New Zones. New SWD or Injection . Old SWD or Injection... **Customer Signature Customer Print Name** Pressure Test....

As consideration, the above names (well owner or contractor) agrees to: (a) to pay you in accordance with your current price schedule; (b) Allied Cementing Company, Inc. (ACID) shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure Allied Cementing Company, Inc. (ACID) against any liability for reservoir loss or damage, or property damage arising from a well blowout, unless such loss or damage is caused by willful negligence of Allied Cementing company, Inc. (ACID). If equipment or instruments of Allied Cementing company, Inc. (ACID) are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instruments unless, however, such loss or damage is caused by the negligence of Allied cementing company, Inc. (ACID); (c) that you make no guarantee of the effectiveness of the materials to be used or the results of treatments; and (d) that you will not be bound by any representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workman's compensation statues applicable to servicemen you furnish.

ALLIED CEMENTING CO., INC. 25084 Federal Tax I.D.#

REMIT TO P.O RU	o. BOX 31 ISSELL, KA	NSAS 67	665	e sa	SER	VICE POINT: Russess	
-	SEC.	TWP.	1	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 3-20	Ze 3	44	20			G:45am COUNTY	STATE
LEASELong	WELL#	_/_	LOCATION F//is	v. to Col	line /EE	Ellis	KANSAS
OLD OF NEW	Circle one)		Sinta				•
CONTED A CTOD	M a		•	OWNER			
CONTRACTOR							
HOLE SIZE	Tort Collai	<u>r </u>	<u> </u>	CEMENT	lsn/280sb		
CASING SIZE	-tu		EPTH	AMOUNT OR	DERED 35	60 Mg 6	Exal the
TUBING SIZE			EPTH			7,00	
DRILL PIPE	~		EPTH				
rool			EPTH 1534				
PRES. MAX		M	INIMUM	COMMON	718	<u>_@_969</u>	
MEAS. LINE		SI	HOE JOINT	POZMIX	77.5	_@_ <u>_5</u> ≥	
EMENT LEFT	TIN CSG.			GEL			<u> </u>
ERFS.				CHLORIDE _		@	
DISPLACEME	NT			ASC		_@	121 00
	EOU	UIPMEN	T	Flossal	70 [±]	_@_182	126 00
	•					@	
UMP TRUCK	CEMENT	TER <		<u> </u>			
409	HELPER	<i>a</i> r				@	
<i>HUT</i> ULK TRUCK						@	
₹07	DRIVER	Jan.				@ @	
ULK TRUCK		23		-			
	DRIVER			- HANDLING	2/ 🖨	-@ <u>\75</u>	6256
				MILEAGE	7410	VIMIE	1545
Pressure to	1000 psi	Ku	6 to A Wash class	DEPTH OF JO	OB		1 500
					K CHARGE		860=
	····				TAGE	_@ <u></u>	
+10					60		
7 MmRa	9						
′′′						\sim	
		() .					
CHARGE TO:	Blate Ex	phiation				TOTA	L 116000
TREET				_	•	1011	
CITYSTATEZIP		_	PLUG & FLOA	T EQUIPME	ENT		
						@	
To Allied Cen	nenting Co.,	, Inc.	•				
You are hereb	y requested	to rent c	ementing equipment		<u> </u>		
and furnish ce	ementer and	helper to	assist owner or				
contractor to do work as is listed. The above work was				ጥ ለጥ ላ	L		
			on of owner agent or	_		1017	· L
			and the "TERMS ANI	ΤΔΥ			
CONDITION	S" listed on	the reve	rse side.				
				TOTAL CHA	RGE		. ,
				DISCOUNT -		IF PA	AID IN 30 DAY
SIGNATURE _							
					PRIN'	TED NAME	

The world of Contract of Contr

INVOICE

Allied Cementing Co., Inc P.O. Box 31

Russell, KS 67665

Invoice Number: 100914

Invoice Date: 02/21/06

Sold Blake Exploration LLC

To: Box 150

Bogue, KS

67625

Cust I.D....: BlakeE P.O. Number..: Love #1 5 P.O. Date...: 02/21/06

Due Date.: 03/23/06 Terms...: Net 30

<pre>Item I.D./Desc.</pre>	Qty. Used	Unit	Price	Net	TX
Gel	3.00	SKS	15.0000	45.00	T
ASC	150.00	SKS	11.8000	1770.00	${f T}$
WFR-2	500.00	GAL	1.0000	500.00	${f T}$
Handling	153.00	SKS	1.7000	260.10	E
Mileage	55.00	MILE	10.7100	589.05	E
153 sks @.07 pe	r sk per mi				
Prod. String	1.00	JOB	1450.0000	1450.00	E
Mileage pmp trk	55.00	MILE	5.0000	275.00	E
Packer Shoe	1.00	EACH	1325.0000	1325,00	${f T}$
Latch Down	1.00	EACH	350.0000	350.00	\mathbf{T}
Port Collar	1.00	EACH	1750.0000	1750.00	${f T}$
Centralizers	7.00	EACH	50.0000	350.00	${f T}$
Baskets	3.00	EACH	140.0000	420.00	T

All Prices Are Net, Payable 30 Days Following	Suk
Date of Invoice 1 1/2% Charged Thereafter.	Tax
If Account CURRENT take Discount of \$ 908.41	Pay
ONLY if paid within 30 days from Invoice Date	Tot

Subtotal:
Tax...:
Payments:
Total..:

9084.15

0.00 9429.18

(908.41)

8,520,77

W

RECEIVED KANSAS GÖRPORÄTIÖN GÖMMISSION

JAN 3 1 2007

CONSERVATION DIVISION WICHTA, KS