KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 6039	API No. 15 - 009-24886-0000
Name: L. D. DRILLING, INC.	County:_BARTON
Address: 7 SW 26 AVE.	130'S - W/2 - NW - NE Sec. 32 Twp. 16 S. R. 13 ☐ East West
City/State/Zip: GREAT BEND, KS 67530	790 feet from S /(N) (circle one) Line of Section
Purchaser: NCRA	2310 feet from E/ W (circle one) Line of Section
Operator Contact Person: L. D. DAVIS	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) _793-3051	(circle one) NE SE NW SW
Contractor: Name: SHIELDS DRILLING CO., INC.	Lease Name: MATER Well #: 1
License: 5184	Field Name: TRAPP
Wellsite Geologist: BOB SCHREIBER	Producing Formation: KANSAS CITY
Designate Type of Completion:	Elevation: Ground: 1925' Kelly Bushing: 1930'
New Well Re-Entry Workover	Total Depth: 3430' Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 409 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, CRIGIN	A Les, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt. AUT I WAYM 6-29-06 sx cmt.
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 ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:
11/21/05 12/03/05 12/26/05	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	Quarter Sec Twp S. R East West County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-ind geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
Signature: Desci Dewinsh	KCC Office Use ONLY
Title: SECRATARY/TREASURER Date: 1-31-06	Letter of Confidentiality Received
	If Denied, Yes Date:
Subscribed and sworn to before me this <u>31</u> day of <u>January</u>	Wireline Log Received
2006	Geologist Report Received
Notary Public: Rashell Patten	UIC Distribution RECEIVED
No. of the Control of	RYPLACE - SLAW OF KANSAS Pashell Partors FEB 0 6 2005

Operator Name: L.	D. DRILLING, I	NC.	Lease Name:		Well #: 1			
Sec. 32 Twp. 1	16 S. R. 13		County: BAF	RTON				
tested, time tool ope temperature, fluid re	n and closed, flowing covery, and flow rates	nd base of formations po and shut-in pressures, s if gas to surface test, a nal geological well site r	whether shut-in p long with final cha	ressure reached	static level, hydro	static pressu	res, bottom hole	
Drill Stem Tests Take		✓ Yes No	✓ Log Formation (Top), De			nd Datum	Sample	
Samples Sent to Ge	,	✓ Yes No	Name ANILYDDITE			Тор	Datum	
Cores Taken	,	Yes ✓ No	ANHYDRITE HOWARD			852 2730	+1078 -800	
Electric Log Run		✓ Yes No	-	EBNER		3038	-1108	
(Submit Copy)				OWN LIME		3118	-1188	
ist All E. Logs Run:			i	(ANSAS CI		3125	-1195	
RADIATION (GUARD LOG		1	SE KANSA		3347	-1417	
	ENT BOND LO	G 🖍		BUCKLE		3354	-1424	
			QL	QUARTZITE			-1472	
		CASING Report all strings set-c	RECORD V	Lane -	etion, 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	
SURFACE	12 1/4"	8 5/8"	23#	409'	COMMON	250	2%GEL, 3% C	
PRODUCTION 7 7/8"		4 1/2"	10.5#	3428'	AA-2	150		
RATHOLE	RATHOLE				60/40 POZMIX	25		
	.d.	ADDITIONAL	CEMENTING / SC	UEEZE RECORI)	<u> </u>		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used Type			ercent Additives	3	
Shots Per Foot		DN RECORD - Bridge Plug ootage of Each Interval Peri						
2	3156 - 3164			2000 GAL 28%				
2	3207 - 3212				***************************************	***************************************		
2	3277 - 3282				, , , , , , , , , , , , , , , , , , , ,			
2	3320 - 3324							
TUBING RECORD	Size 2 3/8"	Set At 3425 '	Packer At	Packer At Liner Run				
Date of First, Resumero $1-01-0$	d Production, SWD or Er	nhr. Producing Meth	od Flowir	g 🗸 Pumpi	ng Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours		Bbls. Gas I	Mcf Wat	er B		us-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF CO	OMPLETION		Production Inter	val	V		
Vented Sold (If vented, Su	Used on Lease bmit ACO-18.)	Open Hole Other (Specif		Dually Comp.	Commingled	F	RECEIVED	
						got-	EB 0 6 2006	

KCC WICHITA

12 hr will from Shields NECSEC 32-16-13 FIELD ORDER **Subject to Correction** 165-13W 12-3-05 Customer ID State County sarton Shoe Joint Depth TP = 3428 10.50 Casing Depth 3430 Casing Treater AFE Number PO Number Materials Received by Product MATERIAL, EQUIPMENT and SERVICES USED QUANTITY **UNIT PRICE** AMOUNT Code D205 1305Ki D203 etoa mer Reducer Eriction 500 gal £4 00 mi lwav FIB 0 6 2006 KCCWICHITA Price= 10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

NEG :

TREATMENT REPORT

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, 05					٥	ustomer li	D			Date					
			7		6	Customer / / / /				- 17.	3-05				
					L	Lease M. L. S.				Lease No.		Well #	1		
SER Field Order#	Statio	m	(t	12 0			Vate (112 Depth 34 a	1 0	County			State		
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Volume 5 4 4 Max Press	Max Pre	48	From		То		Pad 60-40 po7			Avg		15 Min.			
	2600 From T		То					HHP Used		Annulus Pressure					
Plug Depth	Packer I		From	·	То	Flush a cold in the			· ·	Gas Volume Total Lo			,		
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Customer Re	presentative 2	ur	<u>- B</u>	erny	<u> </u>			5004		5	coff				
Service Units			24 ubing	346	5	101	228								
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102	44 NE Hi	way	61 • P	.O. Box	8613	• Prati	. KS 671	24-8613 • P	hone	(620) 672-120	01 • Fax (620) 67	2-5383		

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

22608

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 ORIGINAL MrsafBend JOB STATE PM COUNTY Barton SEC. TWP. RANGE JOB FINISH DATE 11-22-05 LOCATION SUBany 15 gw s/s LEASE Mater WELL# OLD OR NEW (Circle one) CONTRACTOR Shields **OWNER** TYPE OF JOB Surface **HOLE SIZE CEMENT** T.D. CASING SIZEAH DEPTH 4/247 **TUBING SIZE DEPTH DRILL PIPE** DEPTH TOOL **DEPTH** COMMON 250 ALL PRES. MAX **MINIMUM** @ **8.70** 2175.00 MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG. GEL 5 Ref PERFS. **CHLORIDE** 25 664 DISPLACEMENT ASC_ @ **EQUIPMENT** (a) (a) RECEIVED PUMP TRUCK CEMENTER (a) # 120 FEB 0 6 7006 **@ BULK TRUCK** @ # 342 @ **BULK TRUCK** DRIVER 263 A4 MILEAGE DG 18 284.04 **REMARKS:** TOTAL 3253.84 **SERVICE** Phuy Down with water DEPTH OF JOB PUMP TRUCK CHARGE Coment did 'Circulate To EXTRA FOOTAGE <u>215'</u> @ Surface MILEAGE @ **5.**20__ MANIFOLD. @ @ @ CHARGE TO: Palamino TOTAL 876.60 STREET _ STATE _ PLUG & FLOAT EQUIPMENT To Allied Cementing Co., Inc. @ You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was TOTAL SS.CO done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE _ DISCOUNT -___ IF PAID IN 30 DAYS SIGNATURE & Burton Beery