API NO. 15- \_\_033-20963\_-0000

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	County _COMANCHE CO., KANSAS
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E SWSWSwSec13_ Twp31 Rge18XX_1
Operator: License #4548	480 Feet from SVN (circle one) Line of Section
Name:ONEOK Resources Company	330 Feet from E(W)(circle one) Line of Section
AddressP.O. Box 871	Footages Calculated from Nearest Outside Section Corner:  NE, SE, NW or(SW) (circle one)
City/Chang / Time Tules Ok 7/102 0974	Lease NamePYLE Well #4-13
City/State/Zip _Tulsa, Ok 74102-0871	Field NameWILMORE
Purchaser: Kos Une Oak Gas Warketing	Producing FormationMISS / CHAT
Operator Contact Person: _DARYL DUVALL	Elevation: Ground2047' KB2060'
	Total Depth5720' PBTD5627'
Contractor: Name:DUKE DRILLING CO., INC Pro	
License:5929	Amount of Surface Pipe Set and Cemented at553.30' Feet
Wellsite Geologist: HAROLD TRAPP	Multiple Stage Cementing Collar Used? Yes No
Designate Type of Completion	If yes, show depth set Feet
_X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OilSWDSIOWTemp. Abd. X Gas ENHR SIGW	feet depth to w/ sx cmt.
Gas ENHR SIGW Other (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan A14. 11-19-98 C
If Workover:	(Data must be collected from the Reserve Pit)
Operator:	Chloride content _72,000ppm Fluid volume358bbls
Well Name:	Dewatering method usedHAULED & EVAPORATED
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	
Plug Back PBTD PBTD Commingled Docket No.	Operator Name _RICHARDSON OIL OPERATION
Dual Completion Docket No	Lease NameUNRUHLicense No5414
Other (SWD or Inj?) Docket No	Quarter Sec15 Twp30 S Rng18E/W
	CountyKIOWA Docket NoD-25237
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the	side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS
All requirements of the statutes, rules and regulations promule with and the statements herein are somplete and correct to the	gated to regulate the oil and gas industry have been fully complied he best of my knowledge.
Signature Day R. See	K.C.C. OFFICE USE ONLY
TitleDISTRICT ENGINEER Date10	
Subscribed and sworn to before me this 21 day of 00	
19 <u>48</u> .	Distribution  KCCSWD/RepNGPA
Notary Public Studios Office Control	KGS Plug Other (Specify)
Date Commission Expires 2-18-0	, , , , , , , , , , , , , , , , , , ,

Form ACO-1 (7-91)

Operator Name	_ONEOK RESOURC	ES COMPANY	Lease Name	PYLE		Well #	4-13
•		East	CountyC	OMANCHE CO.,	KANSAS		
ec13 Twp31	. Rge18_ [	X West			,		
ISTRUCTIONS: Show nterval tested, time vdrostatic pressures, f more space is need	e tool open ar , bottom hole t	nd closed, flowing a emperature, fluid re	and shut-in pres	sures, wheth	ner shut-in pre	essure read	ched static level
rill Stem Tests Take (Attach Additional		Yes X No	[X] Log	Formation	n (Top), Depth	and Datums	☐ Sample
amples Sent to Geolo	gical Survey	[X] Yes  No	Name HEEBNER		Top 4154		Datum -2094
ores Taken	,	$\square_{Yes} [X]_{No}$	TORONTO		4168		<del>-</del> 2108 -2280
ectric Log Run (Submit Copy.)		[X] Yes  No	BASE KC MARMATON PAWNEE		4766 4824 4870		-2706 -2764 -2810
ist All E.Logs Run:	ILOG, NEUTRON	SOLUTION, LOG, MINI LOG G.R.,	FT. SCOTT MISSISSIPPI VIOLA SIMPSON		4898 4966 5460 5626		-2838 -2906 -3400 -3566
		CASING RECORD	[X] New U			<del></del>	
	Report al	l strings set-condu		sed ntermediate,	production, et	c.	
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
CONDUCTOR		20"		45 '			·
SURFACE	12 1/4"	·8 5/8"	24#	553.30	65/35 Class A	200 100	6%GEL 3%CC 2% GEL 2% CC
PRODUCTION	7 7/8"	5 1/2"	15.5#	5687'	EZ-2	265	10%salt 5%seal
	ADDITIONAL CE	MENTING/SQUEEZE REC	ORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percen	t Additive	s
Perforate Protect Casing							1
Plug Back TD Plug Off Zone							
Shots Per Foot		RECORD - Bridge Plo e of Each Interval D			Fracture, Shot, d Kind of Mater		ueeze Record Depth
4	4966-4992			none			
			···-	ļ			
		•	1				
TUBING RECORD	Size 2 3/8	Set At - 4958	Packer At None	Liner Run	☐ Yes [X]	No .	,
Date of First, Resum	ed Production,	SWD or Inj. Prod	ucing Method [X] F	lowing Pu	mping Gas L	ift 🗆 ot	her (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wate	r Bbls. O	Gas-Oil	Ratio	Gravity
isposition of Gas:	METHOD OF	COMPLETION	I	Pro	oduction Interv	al	<u>,</u> !
Vented X Sold (If vented, sub	Used on Lomit ACO-18.)		Hole X Perf.	☐ Dually	Comp. Comm	ingled _	· · · · · · · · · · · · · · · · · · ·
•		لــا Othe	r (Specify)			_	

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Taylor Printing, Inc., Pratt, KS



CEMEN	TING CO.,	INC.	ORI(	SINAL	CE -	EMENTING LOG  CEMENT DATA:
Company	ike Dri	ot Med-led	F	Ficket No. <u>9630</u>		Spacer Type: Sks Yield ft³/sk Density PPG
County County		. W/Si		Nell No. <u>4-13</u> State <u>45-</u> Field <u>73-3/5</u>		LEAD: Pump Time hrs. Type 65:35:6137cc-
	arks 1			•		4 † 10-5ec Excess
	Intermedia	te 🗆 Produ	ueeze 🗆 uction 🗆 🚅	, L Collar	Liner □	Amt. 200         Sks Yield         12.5         PPG           TAIL: Pump Time         hrs. Type         4.55         A+32.7           -1         26.6         Excess         Excess
						Amt. 100 Sks Yield 134 ft³/sk Density 5 PPG WATER: Lead 10-9 gals/sk Tail 5 gals/sk Total 5 Bbis.
Casing Depths: 1	op <u>KB</u>		_ Bottom	<u>533.</u>		Pump Trucks Used 255-2CS SARUNG WINSCHS  Bulk Equip. 259-374 Tohin Kelling
Drill Pipe: Size _		Weight		Collars		
	1271	T.D. <u>S</u>	560_ft.	P.B. to	ft.	Float Equip: Manufacturer Lowco
CAPACITY FACT		CERT		Bbl. 15.70	)	Shoe: Type Depth Depth
Casing:	· ·		•	Bbl Bbl		Float: Type FAFFL  Centralizers: Quantity 2 Plugs Top ROUGE  Btm. 57.5
Open Holes: Drill Pipe:	Bbls/Lin. ft					Stage Collars Plugs lop 15.00/191 Btm
Annulus:	Bbls/Lin. ft.	ch 35	Lin. ft./	Bbl. 13.60		Special Equip. /- BASKet
				Bbl		Disp. Fluid Type 1/25 Accord Amt. 335 Bbs. Weight 8-34 PPG
Perforations:	From	ft. to	·	ft. Amt		Mud Type Weight PPG
ÇOMPANY REPR	RESENTATIVE	Ken D	McGUI	٠ <sub>4</sub> ۶		CEMENTER Carl Baldine
TIME	PRESSU	RES PSI	FL	UID PUMPED I	DATA	
AM/PM)	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	REMARKS
10:00						On tecation + Rigger
				ļ		
1:00 AV	1					Marie Provided Contract
			<del>                                     </del>	1		Tipe on bottom Weak Circulation
F7: \$2						Lall Kin OUM a
1 <u>(*\$</u>	57		.5	5	5	Lall Kin OUM a
108			5 15	5 70	<u>5</u>	Star V Freshwater Spacer mix + Duma 2005x 15:35:6-132cc
	57		5 15 98	.5 20 23	5 53	Mix + Duma 2005x CASS A+32cc+26ceL
108 100 100 100	\$1 10.0 250			20		Mix + Duma 2005x 15:35:6-132cc  Mix + Duma 2005x 15:35:6-132cc  Mix + Duma 1005x Class A+32cc+22geL  Coment in 5-low pum 15:
120	\$ (   Ir tr   25 ()			20		Star V freshwater Spacer  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 100 5x Class A+32cc+28 get  Coment in 5-log pum 25-  Switch values + Relation blue
	\$1 10.0 250			20	6	Star V freshwater Spacer  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 1005x Class A+32cc+28 gel  Coment in stor pumas-  Sauth values + Relaste Dua  Start Displacement
120 724 725	\$ (   Ir tr   25 ()		98	20		Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 1005x Class A+32cc+28 gel  Mix + Duma 1005x Class A+32cc+28 gel  Coment in 5-log pumss-  Sauth values + Related plus  Flort Displacement 55  Flord RATE  Displacement 55
120	\$ (   10 0     25 () 			23	6	Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 100 5x Class A+32cc+22 gel  Mix + Duma 100 5x Class A+32cc+22 gel  Coment in 5-low pumss-  Saith values + Relaste plus  Flort Displacement 55 55  Displacement in Russ Wift
120 724 725	25 (C) 25		98	23	6	Star V freshwater Spacer  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 2005x +5:35:6-132cc  Mix + Duma 100 5x Class At32cc+28 get  Coment in stor pumss-  Switch values t Relaise Dua  Start Displacement 5 57  Start Displacem
120 724 725	25 (C) 25		98	23	6	Star V freshwater Spacer  Mix + Duma 2005x +5:35:6-132cc  * Li floseb L  Mix + Duma 100 5x Class At32cc+28 ge L  Corner in stor pum 15-  Smitch values to Relate Dua  Start Displacement Significant  Start Displacement Signi
120 724 725	25 (C) 25		98	23	6	Start Displacement & Dacer  Mix + Dumn 2005x +5:35:6-132cc  * Li flo seb L  Mix + Dumn 100 5x Class A+32cc+28 ge L  Coment in 5-log pumss-  Sanitch values + Reliase Disa  Flort Displacement & Displacem
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Puma 2005x 15:35:6-132cc  Mix + Duma 2005x 15:35:6-132cc  Mix + Duma 1005x Class A+32cc+28 gel  Mix + Duma 1005x Class A+32cc+28 gel  Coment in 5-top pumas-  South values + Relate blue  Start Displacement 5 50  Star
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.
120 724 725	25 (C) 25		98	23	6	Start Displacement & DR.

## ALLIED CEMENTING CO., INC. 9630

Federal Tax I.D.# 48-0727860 GINA SERVICE POINT: REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 **TWP.** 3\: JOB START SEC. CALLED OUT **RANGE** ON LOCATION JOB FINISH DATE 6-25-98 8:00 pm 10:00 DA cuilmore Ks. WEST SICHE COUNTY STATE LEASE PINT WELL# OLD OR NEW (Circle one) CONTRACTOR <u>OWNER</u> TYPE OF JOB < 11 Force **CEMENT** HOLE SIZE ライヤ T.D. </ (c AMOUNT ORDERED 2005x 65.35.6+32cc+lifb-Sea L CASING SIZE > & DEPTH << ≥ 100 sx Class A+3(cc+22ge) **TUBING SIZE DRILL PIPE** DEPTH TOOL DEPTH PRES. MAX Se **MINIMUM** COMMON MEAS. LINE **POZMIX** CEMENT LEFT IN CSG **GEL** PERFS. **CHLORIDE** DISPLACEMENT 33,5 **EQUIPMENT PUMP TRUCK** CEMENTER @ #255-265 HELPER **HANDLING BULK TRUCK** MILEAGE #259-314 DRIVER **BULK TRUCK** TOTAL DRIVER SERVICE **REMARKS:** DEPTH OF JOB , << Dione Civenta + PUMP TRUCK CHARGE EXTRA FOOTAGE @-MILEAGE @

accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will employees in the preparation or furnishing of such facts, information or data.

made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data

work done or merchandise used, sold, or furnished under this contract. (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any

2. More specifically:

by defective materials, products or supplies.

## GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- . —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- —SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein