API NO. 15- _

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	County Comanche
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	240 S of C - SE - SE sec. 17 Twp. 31 Rge. 19 X
Operator: License #30407	420 Feet from (S)N (circle one) Line of Section
Name: Black Petroleum Company	660 Feet from (E)W (circle one) Line of Section
Address P. O. Box 12922	Footages Calculated from Nearest Outside Section Corner: NE, (SE) NW or SW (circle one)
City/State/Zip Wichita, KS 67277-2922	Lease Name Swayze well # 1 Twin
	Field Name Wildcat
Operator Contact Person: Thomas E. Black	Producing Formation
Phone (316) 729-8220	Elevation: Ground 2166' KB 2171'
Contractor: Name: Pickrell Drilling Co.	Total Depth 5258' PBTD 5032'
License: / 5123	Amount of Surface Pipe Set and Cemented at 679' Fee
Wellsite Geologist: Jon T. Williams	Multiple Stage Cementing Collar Used? Yes X N
Designate Type of Completion	If yes, show depth set Fee
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
Oil SWD SIOW X Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)	feet depth tow/ sx cmt
OryOther (Core, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan AHL 12-27-99 (Data must be collected from the Reserve Pit)
Operator:	Chloride content 8,000 ppm Fluid volume 120 bbl
Well Name:	Dewatering method used Hauled away excess
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Location of fluid disposal if maded offsite:
Plug Back PBTD Commingled Docket No. Dual Completion Docket No.	Operator Name Star Resources, LLC
Dual Completion Docket No. Other (SWD or Inj?) Docket No.	Lease Name Currier #2-9 License No. 32389
9-8-99 9-22-99 10-14-99	Quarter Sec. 20 Twp. 32 s Rng. 18 E/W
Spud Date	County Comanche Docket No. D-27668
- 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 months). One copy of <u>all wireline logs and geologist well researched</u> . Submit CP-4 form with all plugged well	side two of this form will be held confidential for a period of form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS als. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulg with and the statements herein are complete and correct to the	gated to regulate the oil and gas industry have been fully complied se best of my knowledge.
Signature Thomas & Black	K.C.C. OFFICE USE ONLY
Thomas E. Black Title President Date 11	L-26-99 F Letter of Confidentiality Attached C / Whiteline Log Received
Subscribed and sworn to before me this 2 day of DECEN	
1999.	Distribution KCC SWD/Rep NGPA
Hotary Public Anda K. Puls	KGS Plug Other (Specify)
Date Commission Expires 9-5-2001	KANSAS COMPANY
LINDAK. PULS NOTARY PUBLIC STATE OF KANSAS	COMPORATION COMMISSION FORM ACO-1 (7-91)
- My Apple Exp 9-5-2001	DEC 07 1999

DEC 07 1999
12-07-1999
CONSERVATION DIVISION
WIGHTAL KR

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Operator Name Bla	n== 10	um Compa East West	ny	Lease N	_	Swayze Comanch		Well # _	1 Twin
INSTRUCTIONS: Show in inverse the state of the inverse that it is need if more space is need in the state of the state of the state of the inverse of the state of the st	me tool open ar s, bottom hole t	nd closed, temperature,	flowing a	and shut-in p	press	ures, wheth	ner shut-in pre	ssure reac	ched static level,
Orill Stem Tests Take (Attach Additional		∑ Yes [□ No	لكار	.og	Formation	n (Top), Depth	and Datums	·
Samples Sent to Geolo	ogical Survey	☐ _{Yes} [□ No	Name			Тор		Datum
Cores Taken	·	☐ Yes [See a	atta	iched "Da	aily Report	ft	
Electric Log Run (Submit Copy.)		∑ Yes [
List All E.Logs Run:	Dual Indu Dual Comp Microresi Sonic Cem	ensated stivity	Porosit	ty					
		CASTN	IG RECORD						
	Report of			New New ctor, surface			production, et	c.	
Purpose of String	Size Hole Drilled	Size Ca Set (In	sing	Weight Lbs./Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		13 3/	8"	54.50	$\neg \dagger$	302'	:lite	150	3% CC;14#FS
Surface	12 1/4"	8 5/	'8"	24	寸	679'	lite	185	3% CC;14#FS
Production	7 7/8"	5 1/	'2"	14	\neg	5247'	Class A	125	
	ADDITIONAL C			ORD					
Purpose:	Depth Top Bottom	Type of C	ement	#Sacks Use	ed	1	Type and Percen	t Additive	s
Protect Casing Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATION Specify Footag			ugs Set/Type Perforated			Fracture, Shot, d Kind of Mater		weeze Record Depth
2	5158-62'	& 5170 – 7	'4'		\Box	900 gal	. 15% MCA		
2	5041-49'	(B.P	.@5097	')	$_{-}$	1,000 ga	a1. 15% MCA		
2	4998-5002	' (B.P	• . @5032	')		500 gal	. 15% MCA		
					\prod				
TUBING RECORD	Size none	Set At		Packer At		Liner Run	☐ Yes 🏻	No	
Date of First, Resum	med Production,	SWD or Inj	. Produ	ucing Method	Flo	owing Deur	mping Gas L	ift Ot	her (Explain)
Estimated Production Per 24 Hours	n Oil	Bbls.	Gas	Mcf W	later	Bbls.	Gas-Oil	Ratio	Gravity
isposition of Gas:	METHOD OF	COMPLETION	1			Pro	oduction Interv	al	

LIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

med

TWP CALLED OUT SEC. ON LOCATION JOB START JOB FINISH **RANGE** <u>3 00Pm</u> Lackin. S COUN 12 CUA.M COUNTY **STATE** LOCATIONLY: IMORE RD+183.TC+ LEASESUS AUZO WELL# conanha 13 OLD OR NEW (Circle one)

09/23/99

PICKRELL DRILLING

ORIGINAL

≾A.

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205 WICHITA, KANSAS 67202-1996 (316) 262-8427

#1 Swayze "Twin" 240' S. of C SE SE Section 17-31S-19W Comanche County, Kansas Operator: Black Petroleum

API# 15-033-21,032-0000 420'

From South Line of Section From East Line of Section 660'

ELEV: 2171' KB, 2169' DF, 2166' GL

TIGHT HOLE-PLEASE KEEP ALL INFORMATION CONFIDENTIAL Per operator on Contractor: Pickrell Drilling Co. Inc. R-1

9-08-99: Will finish new location and set conductor csg today. 3/22/00 this is not confidential

Unable to get conductor pipe set yesterday. Will set conductor pipe today and RURT tomorrow (9/10). 9-09-99:

(On 9-9) Set 80' of 20" conductor casing (On 9-10) RURT & Spud today. 9-10-99:

(On 9-10) Spud @ 1:00 PM. Drilled 17 1/2" hole to 320'. Ran 7 jts. of 13 3/8" 54.50# set @ 302', cmt w/150sx of lite, 9-13-99: 3% CC w/1/4# FS/sx, followed by 100sx Class A, 2% gel, 3% CC. PD @ 5:00 AM on 9-11-99. Allied Ticket # 2664. Survey @ 320' was ¼ degree. Drilled 12 ¼" hole to 684'. Set 16jts. of New 8 5/8" 24# Csg. set @ 679', cmt w/185sx of lite, 3% CC, w/¼# FS/sx, followed by 100sx of Class A, 2% gel, 3% CC. Cmt circ. PD @ 8:15 PM on 9-11-99. Allied Ticket #2665. (On 9-12) Drlg. @ 684'. (On 9-13) Drlg. @ 1920'.

9-14-99: Drlg. @ 2665'.

9-15-99: Drlg. @ 3255'.

9-16-99: Drig. @ 3785'.

9-17-99: Drlg. @ 4275'.

(On 9-18) Drlg. @ 4715'. (On 9-19) Circ. @ 5040'. Show of oil and 12 unit gas kick in Altamont. DST #1 4951-9-20-99: 5040', packer failure. DST #2 4955-5040', packer falilure, pulled out of hole, left packers and anchor in hole. (On 9-20) Fishing for testing tool @ 5040'. Note pipe strap within I foot of drillers measurements.

9-21-99: Testing @ 5170'. 72-110 unit gas kick from 5137-70. DST #3 5143-5170, 30"-60"-60"-90", GTS 2 min., Ga: 270 MCF/5", 93.1 MCF/30", 2nd Op Ga: 101 MCF/15", 89 MCF/30", 85.9 MCF/45" & 81.8 MCF/60". Rec: 1 cup of mud. ISIP 1519#, IFP 82-35#, FFP 47-35#, F\$IP 1565#.

9-22-99: RTD 5248', Running E-Logs, LTD 5258',

(On 9-22) Set 129 jts. of Used 5 1/2" 14# Prod. Csg set @ 5247' KB, cmt w/125sx Class "A" cmt. PD @ 1:30 AM on 9-23-99: 9-23-99. WOCT. Final Report.

Heebner Brown Lime Lansing Stark Base/Kansas City Marmaton Pawnee Cherokee Shale Detrital Mississippian Mississippian St. Louis	4291 (-2120) 4465 (-2294) 4483 (-2312) 4787 (-2616) 4884 (-2713) 4947 (-2776) 5021 (-2850) 5063 (-2892) 5137 (-2966) 5162 (-2091)	RECEIVED KANSAS CORFORATION COMMISSION DEC 07 1999	ELECTRIC LOG TOP Elgin Zone Heebner Brown Lime Lansing Stark Base/Kansas City Marmaton Altamont Porosity Pawnee Cherokee Detrital Mississippian	4144 (-1973) 4298 (-2127) 4474 (-2303) 4489 (-2318) 4793 (-2621) 4870 (-2699) 4956 (-2785) 4983 (-2812) 4998 (-2827) 5030 (-2859) 5072 (-2901) 5142 (-2971)
RTD 5248'		CONCERVATION DIVISION WICHITA, KS	Mississippian St. Louis LTD	5154 (-2983) 5258'

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 provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., INC. 2715 Federal Tax I.D.:. ORIGINAL

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 676	565		SERV	ICE POINT:	ladoe
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DATE 9-22-99 17 3	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
	Logimoni	0 6 1 11	2 1	COUNTY	STATE
LEASE WAY 20 WELL#	LOCATION L. Im		3-10-+	ConAnhe	115
OLD OR NEW (Circle one)	140-14n-h	<u> 15 " </u>]	
CONTRACTOR PICKCELL D	rb.	OWNER OL	ACK Petro		
TYPE OF JOB Prod. Csa.	<u> </u>	OWNER 1511	JCK TOSTIX	16003 -	· · · · · · · · · · · · · · · · · · ·
HOLE SIZE 7 /8 T.I		CEMENT		· .	
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	NIMUM 200	COMMON		@	
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CEMENT LEFT IN CSG.	(OBSORVICE)	GEL GEL		_ @	
PERFS.		CHLORIDE			
DISPLACEMENT 130 Bbs Fre	-sh Hao	_			• .
EQUIPMENT	•	-		_	
EQUITATEN)	•	•			
	<u> </u>	_			
PUMP TRUCK CEMENTER AC		-		@	
#361-365 HELPER('Ar)	BAIDING	- HANDLING_		_ @	
BULK TRUCK #301 DRIVER TD		MILEAGE		·	<u> </u>
#301 DRIVER TD BULK TRUCK		- :		• .	
# DRIVER				TOTAL	·
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REMARKS:			SERVI	CE	
Pipe on Bottom - Bre	OK Circ.	the graph by	· · · · · · · · · · · · · · · · · · ·		
mix+Ring 50cgak.	mud-clean	_ DEPTH OF JO	DB <u>5253</u>	1.	
LAJSX. CLASS A NEAT.	WAShout:	_ PUMP TRUCI		·	
Rump Hines. Release			ГАGE	_ @	.
Muy WI 3013415. Fred		MILEAGE	·	@	
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	KANCAS PECE	WEEL 1-1-10 . (*)	SuideShoe		
	KANSAS CORPORAT	IN THE T	nsert	@	
	·	13-56-170-	tcherspec.		
	DEC 07	1999	-ralizers	_ @ 	-
To Allied Cementing Co., Inc.	•			@	- ,
You are hereby requested to rent ce	menting equipment	Division	` .	1	
and furnish cementer and helper to	assist owner or	K3		TOTAL	<u> </u>
contractor to do work as is listed.		•			A Company of the Company
done to satisfaction and supervision	n of owner agent or	TAX	<u> </u>	_	
contractor. I have read & understar	•) ,			
CONDITIONS" listed on the revers	and the second s	TOTAL CHAI	RGE		
The state of the s	.)	DISCOUNT -	<u> </u>	IF PA	ID IN 30 DAYS
To the Top of the	Admin 1	1			:
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- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

CEMENTING LOG



_ (Jr _^^	<u>-44</u> Distri	90 CC		cket No. 271	-5 _ s	pacer Type: SCO QAIS. IN UD-(' -21)
Date 1 2						
Company BIF	KK Pet		Ri	o Lickce	LL A	mt Sks Yield ft³/sk Density
Lease Sus A		<u> </u>		eli No	<u> 174 jî bişê</u> _	
County COM				ate No. 155		· · · · · · · · · · · · · · · · · · ·
Location 23.3	チャン・アン	ore Fc	Fie	ad 17-31-1	<u> </u>	EAD: Pump Timehrs. Type
4w - /4	17-64/5	i strugeti eti	, , ', ,	3.87	ل <u> </u>	Teat Excess
CASING DATA:		A □ Squ	eeze 🗆 🗀		A A	mt. 7-5 Sks Yield 117 ft ³ /sk Density 14.8
Surface □	* .		. 1 .		iner 🗆 ⊤7	AlL: Pump Time hrs. Type (1) ASS A
	1_Туре	a set d'a de d	ght <u>74</u>	Collar		TeAt Excess
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Drill Pipe: Size _	4/2	Weight	16.65	Collars Xh	_ السيا	17 544
Open Hole: Size	778	T.D.~	<u> 248</u> ft. F	P.B. to	ft. Fi	oat Equip: Manufacturer
CAPACITY FACT	ORS:	44 M	[Parel]	and the second		hoe: Type Goide Shoe Depth
Casing:	Bbls/Lin. ft	0244	Lin_ft_/B	ы. 40.05		oat: Type A F() T() Sept Depth
Open Holes:	Bbls/Lin. ft	C600		ы. / <u>С.:5</u> 5		entralizers: Quantity _ 3 _ Plugs Top Qubber Btm.
Drill Pipe:	Bbls/Lin. ft		Lin. ft./B	1		tage Collars
- PREMI	Bbls/Lin. ft	C) 208		2 - 1	Programme of	
Annulus:		$\frac{\sqrt{30}}{1}$	Lin. ft./B			pecial Equip. Scratchers
	Bbls/Lin. ft		Lin. ft./B		Di	isp. Fluid Type 1551 H7 Amt. 130 Bbls. Weight 8.34
Perforations:	rom	ft. to		ft Amt	M	ud Type Click Weight 7, 1
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		· 1 . 11	3.11的例识	化二硫酸二氯二甲磺基磺基	Mr Mr 462 2 2 2 1 1	
COMPANY REPR	ESENTATIVE $\hat{\pm}$	Pohili			<u> </u>	CEMENTER LANGUE Dreiling
COMPANY REPR		·	41.00			CEMENTER LArry 1) realing
COMPANY REPR	PRESSU	·	FLU	ID PUMPED I	DATA	
	PRESSU	·	FLU		DATA	CEMENTER LANTY 1) TO 11117
TIME (AM/PM)	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period		REMARKS
TIME (AMAPMA)	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period	DATA RATE Bbls Min.	Pipe on Botton-Break Circi
TIME (AM/PM)	PRESSU DRILL PIPE CASING	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period	PATA RATE Bbls Min.	Pipe on Botton Break Circ. mix trump-scoopls Mun-Clean
TIME (AM/PM)	PRESSU DRILL PIPE CASING 3 CV 2 CV	RES PSI ANNULUS	FLUID FLUID	Pumped Per Time Period	PATA RATE Bbls Min.	Pipe on Botton Break Circ. mix trump-scoopls Mun-clean 1255x5 Class A Deat
TIME (AM/PM) 12 (O) 1 (O) 1 (O) 1 (O) 1 (O)	PRESSU DRILL PIPE CASING 3 CV 2 SV 5 O	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period	PATA RATE Bbls Min.	Pipe on Botton - Break Circi mix trump-scoopals mun-clean 1255x3 (1ASS A neat WAS) out tomptlines
TIME (AM/PM)	PRESSU DRILL PIPE CASING 3 CO 2 SO 2 SO 5 O	RES PSI ANNULUS	FLU TOTAL FLUID	Pumped Per Time Period	PATA RATE Bbls Min. 4//2 6//2	Pipe on Botton - Break Circ. Mix trump-scoopls mun-clean 1255x5 (1ASS A neat WASh out Hamptlines R-lease Place
TIME (AM/PM)	PRESSU DRILL PIPE CASING 3 CO 2 SO 5 O	RES PSI ANNULUS	FLU TOTAL FLUID FLUID A A A A A A A	Pumped Per Time Period	PATA RATE Bbls Min. 4//2 4//2	Pipe on Botton-Break Circi mix trump-scoopals mun-clean 1255x3 Class A neat Wash out tamptlines Release Plas Start Fresh Ho Displace
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TIME: (AM/PM) 1200 1000 1005 1110	PRESSU DRILL PIPE CASING 3 CV 2 50 50 100 100 100 100 200	RES PSI ANNULUS	FLU TOTAL FLUID FL	Pumped Per Time Period	PATA RATE Bbls Min. 4//2 6 4//5	Pipe on Botton. Break Circ. Mix trump-scoopls. Mun-clean 1255x3. (1ASS A neat WASh out trumptlines Release Plac Start Fresh Ho Displace Steany Rates PST Mun Clean turn Shoe PST 1. It Increase
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CEMENTING CO., INC.

CEMENTING LOG



	-99 Distri	med 1	cd0~T	icket No. 271		pacer Type: SCO QAIS. IN UD-CIENT
Company 515	KKILGI	-		ig Dickre	1.1	Amt Sks Yield ft³/sk Density PPC
Lease SLJA		<u>سنب</u>		Vell No	<u></u>	
County COM		<u></u>		tate		
Location 23		oce Ac	<u> </u>	ield 17-31-	<u> 19</u>	EAD: Pump Time hrs. Type (1) ASS A
4u /4	17-6/5			<i>t</i> .		neat Excess
CASING DATA:	` · · P1	TA 🗖 🤼 🗎 Squ	eeze 🗆 🚶	, , , ,	Α	amt Sks Yield
Surface □	Intermedia	te 🛛 🚶 Produ	ction,⊠	·	iner □ T	AIL: Pump Time hrs. Type L.J. A.S.S. A
Size	Type	Weig	jht <u>'14</u>	Collar	1	NEAT Excess
<u> </u>					A	mit. Sks Yield 1.17 ft ³ /sk Density 16.3 PPG
	<u> </u>					VATER: Lead gals/sk Tail Bbls
·	<u> </u>				<u> </u>	
Casing Depths: T	op		Bottom		P	ump Trucks Used 265 (ACL
	I .		1			ulk Equip. ~301 FD.
				-,	<u></u>	
			1 1			
Drill Pipe: Sizè	412	Weight	16.60	Collars Xh	سم ا	
Open Hole: Size	778		248 ft			loat Equip: Manufacturer
CAPACITY FACTO	ORS:					hoe: Type (SC) de Shoe Depth
Casing:		0744	Lin. ft./E	3bl. 40.95		loat: Type A FU TUSECT Depth
Open Holes:		C600		вы. 16-5%		entralizers: Quantity 3 Plugs Top 2015er Btm.
Drill Pipe:	Bbls/Lin. ft		Lin. ft./E			tage Collars
Annulus:	Bbls/Lin. ft		Lin. ft./E			pecial Equip. 12 Per. Scratchers
131	Bbls/Lin. ft		Lin. ft./E			isp. Fluid Type TCSD H7 Amt. 130 Bbls. Weight 3.34 PPG
Perforations: F	1	ft, to		ft. Amt		211 1 1
· ·	:		100	Ann		lud Type Weight 7PPG
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		1			RATE	REMARKS
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1:10	50	47 1 27	6	<u> </u>	4/5	WASh out Homptlines
		2 1937 73	7.1	Ç +		R-lease Pla
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٧	100	139 0	80	1 4.	6	Stepou Rater DST
``' :	100	1 1 1 1 W	89		6	mun Clean turn Show
	100	130.1	101		6	Cement turn Shore
	200		107.		6	PST I. ST TIDECTAGE
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		28 ABI A	11 7	<u> </u>		
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		- (5) di	r Emily		1	
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FINAL DISP. PRES	s:	PSI	BUMP PLU		_ 	PSI BLEEDBACK BBLSTHANK YOU

ALLIED CEMENTING CO., INC.

P.O. BOX 31 RUSSELL, KS 67665 PH (785) 483-3887 😤 FAX (785) 483-5566

ORIGINAL

Invoice Number: 079703

RECEIVED Invoice Date: 09/11/APSAS CORPORATION COMMISSION

DEC 27 1999

CONSERVATION DIVISION WICHITA, KS

Sold Black Petroleum Co. To: P. O. Box 12922 Wichita, KS 67277-2922

Cust I.D....: B1 Pet

P.O. Number..: Swayze Twin #1 P.O. Date...: 09/11/99

Due Date:: 10/11/99 Terms::::: Net 30

Item I.D:/Desc. Qty. Used	Unit	Price -	Net T
Common 100,00	SKS	6.3500	635.00
Ge1	SKS	9.5000 NOT	19:00#1
ALW 185.00	SKS	6.0000	1110.00
Chloride 10.00	SKS	28.0000	280.00 I
FloSeal 46.00	LBS	1.1500	52.90
Handling 285:00	SKS	1.0500	299.25
Mileage (32) 32.00	MILE	11.4000	364.80
285 sks 6\$.04 per sk per mi			
Surface - was an apply the same of the sam	JOB ·	470.0000	470.00
TRP 1.00	EACH	90.0000	90.00 i
Extra Footage 379.00	PER	0.4300	162.97 E
	v 63		
All Prices Are Net, Payable 30 Days Following	ງ ຶ່ງ ຮູ	ubtotal:	3483.92 ⁹⁸⁶
Date of Invoice. 1 1/2% Charged Thereafter.	- ,	ax:	0.00
If Account CURRENT take Discount of \$ 696.7		yments:	0.00
ONLY if paid within 30 days from Invoice Date		tal: tenketie iti en	3483.92
	4 1		

III C MITTING CO. INC PA PER DE UTRES PA PES DE UTRES PA PES DE UTRES PAA PES DE UTRES PAA PES DE UTRES

ORIGINAL

Thivelce Number: 079703

Involce Date: 09/11/99

Sold Black Petroleum Co. To: P.O. Box 12922 Wichita, KS 67277-2922

Cust I.D... : Bl Pat P.O. Number :: Swayze Twin #1 P.O. Date: .: 09/11/99

Due Date.: 10/11/99 Terms...: Net 30

	Oly: Ese	- Unit		Net .	TX
Comon	100.60	SKS	// G.3500	635,00	E
Cel	2,00	SKS	9.5000	19,00	· E.
AIW	185.00	SNS	6,0000	1110.00	E
Chloride	10.00	SKS	1 28.0000	280.00	E
FloSeal	46.00	LBS	1.1500	52.90	E
Handling	285.00	SKS	1.0500	299,25	E
Mileage (32)	32.00	MILE	11.4000	364.80	E
285 sks 05.04 p	er sk per mi				
Surface	1.00	JOB	470.0000	470.00	Щ
TRE	1.00	EACH'	90.0000	90.00	E
Extra Footage	379.00	PER	0.4300	162,97	E
All Entes Are No	t, Payable 30 Days 30	[1] 2. "是在1000年的1000年的1000年的12年的12年的12年的12年的12年的12年的12年的12年的12年的12	otels milita	94'83.92 0.00	
Date of Involce.	1/1/2% Charged Theres	Landran entrance and the transfer of the Delta in the Act 1111 to		0.00	
If Account CURREN	r take Discount of S		ente:	3483.92	
ONLY if paid with	in 30 days from Invol	ce vale: 10.4			

ALLIED CEMEN	ITING CO II	NC.	2665·
man which the board and the gardens Federal Tax I.D		ORI	GINIAL
REMIT TO P.O. BOX 31 *** *** *** *** **** **************	replaced to the SERV	ICE POINT:	
To stouting RUSSELL, KANSAS 67665 intorpide to sufficiely a	iii bratta e da	MEDIC	INE LOBEE
	ALLED OUT ON LOCATION	JOB START	JOB FINISH
DATE 9-11-99 CONTROL 3/5 CONTROL OF THE STATE OF THE STAT	10:00 AM 3:30 PM	COUNTY	STATE
LEASE TAZZV WELL# LOCATION 18344	ELMORE KOAD	COMANCHE	KANSAS
OLD OR NEW (Circle one), Toming Hu, 14N,	Ws	,	A Contrate of
CONTRACTOR PECKREU LAUGA POR MANAGEMENT	OWNER BLACK PE	ROLEVIA	La tapara pri dec
TYPE OF JOB SURFACE CS6.	6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		tegal care is
HOLE SIZE 13 1/4" T.D. 684 CASING SIZE 848" × 24" DEPTH 679"			। एवं धनानित
CASING SIZE 848" × 24" DEPTH 679" TUBING SIZE DEPTH	AMOUNT ORDERED	31/0 lace	+ 1/04 710-5
DRILL PIPE DEPTH take rath manager	100 SV CLASSA +	3% CACE	-+240 be
TOOL PRES. MAX 600 # MINIMUM	COMMON A 100	@ L 35	635.00
MEAS. LINE SHOE JOINT 42.7		_@ <i></i>	17.12
CEMENT LEFT IN CSG. Colored to the first of the first of the second seco	,	_@ <i>9.50</i>	19.00
	CHLORIDE 10	@ <i>28.0</i> 0 @ 6.00	1110.00
DISPLACEMENT #0/2 FRESHIZO Buttering in a strong in EQUIPMENT (1) here a log of depression		@ 1.15	53.90
was too a second on record of the Thomas Towns I will all	PRODUCTION OF STATE OF STATE OF	@ :::	Tall Allegan
PUMPTRUCK CEMENTER LEUR DUNGARDT	1. <u>2983.4.4.283 </u>	_@	The standard of
# 343 HELPER ROBERT BURNEN	HANDLING 285	@ 1.05	299.25
BULKTRUCK	MILEAGE 285 × 32	.04	364,80
# 214-314 DRIVER / ARX ZXVN6ALDT BULK TRUCK A POLITICAL PROPERTY I PROPERTY IN THE PROPERTY I PROPERTY IN THE PROPERTY I PROPERTY IN THE PROPE	Bester Francis		4 04/00C
# DRIVER	Direct of	TOTAL	92160.75
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POR BELS CEG. TO BOHOM & BEAK	G Marie Francisco SERVIO	,	· · · · · · · · · · · · · · · · · · ·
REMARKS: RUN 8=(8" (=6. TO BOHOM = BREAK CIRMATION MEY 1859 65-35-6+3% C+ 14 Tro See	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 5 EXTRA FOOTAGE 379 1	1 300' _@43	· · · · · · · · · · · · · · · · · · ·
REMARKS: KUN 8-18" (56. TO BOHOM & BREAK CHRIN ATTON DITY 1850 65 35 6+ 36 C+ 14 TO SOL 10050 QUASS A+36 C+ 30 C+ 30 CH	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 5 EXTRA FOOTAGE 379 1	1 @43 @.2.85	· · · · · · · · · · · · · · · · · · ·
REMARKS: RUN 8-18 (SG. TO BOHOM & BREAK BERNEATTON MEY 1850, 65-56-364+ AF TO SOL 10050, GLASS A+3-1600+2060 DISPLACE PLUS TO 636 LITTH HOLZBEK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 5 EXTRA FOOTAGE 379 1	1 300' _@43	· · · · · · · · · · · · · · · · · · ·
REMARKS: REMARK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 5 EXTRA FOOTAGE 379 ' MILEAGE 33 PLUG 858" 788	300' @ .43 @ 2.85 @ 90.00	· · · · · · · · · · · · · · · · · · ·
REMARKS: REMARKS: RUN 8-(8" (56. 70 BOHOM & BREAK CHRINATION DITY 18 Say 65-35-6+3-60+44-70-50 100 Say CLASS A + 3-600+36-64 DISPLACE PLUE TO 636 LITTH HO12866 GRANATE CENEUT TO (511AL GRANATE CENEUT TO (511AL GRANATE CENEUT TO (511AL	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 5 EXTRA FOOTAGE 379 ' MILEAGE 32 PLUG 858" TRP	300' @ .43 @ 2.85 @ 90.00 @	410.00 162.91 90.00
REMARKS: REMARKS: RE	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 = EXTRA FOOTAGE 379 ' MILEAGE 32 PLUG 858" TRP	300' @ .43 @ 2.85 @ 90.00	410.00 162.91 90.00
REMARKS: REMARK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0 SEXTRA FOOTAGE 379 / MILEAGE 33 PLUG 858* TRP	300' @ .43 @ 2.85 @ 90.00 @ 	410.00 162.91 90.00
REMARKS: REMARKS: REMA	DEPTH OF JOB	300' @ .43 @ 2.85 @ 90.00 @ 	470.00 162.91 90.00
REMARKS: REMARKS:	DEPTH OF JOB	300' @43 @2.85 @ 90.00 @ TOTAL	#10.00 162.91
REMARKS: REMARKS: REMA	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379′ MILEAGE 33 PLUG 85/8* 7RP	300' @ .43 @ 2.85 @ 90.00 @ 	#10.00 162.91
REMARKS: REMARKS: REMAR	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0=3 EXTRA FOOTAGE 379 MILEAGE 32 PLUG 85/8" TRP	300' @ _43 @ _2.85 @ 90.00 @ TOTAL	#10.00 162.91
REMARKS: Compared to the property of the pr	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 MILEAGE 33 PLUG 858* 788 FLOAT EQUITE	700' @ .43 @ .2.85 @ 90.00 @ TOTAL	#10.00 162.91
REMARKS: REMARKS: REMA	DEPTH OF JOB 679 PUMP TRUCK CHARGE 5 EXTRA FOOTAGE 379 MILEAGE 33 PLUG 858* TRP	707AL	#10.00 162,91 90.00
REMARKS: REMARKS: REMARK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 5 EXTRA FOOTAGE 379 MILEAGE 33 PLUG 8584 7RP	707AL	#10.00 162.91
REMARKS: AUN 8-8" S6. TO BOHOW TREAK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 / MILEAGE 33 PLUG 8-98" TRP	100'	#10.00 162,91 90.00
REMARKS: REMARKS: REMARK	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 MILEAGE 32 PLUG 858* 788 FLOAT EQUITAGE TAX	PMENT @	#10.00 162.91 90.00
REMARKS: No. 878" S6. 70 Borrow Flear No. 1859 S5. 5-3 S6. 70 Borrow Flear No. 1859 S5. 5-3 S6. 70 Borrow No. 1859 S6. 70 No. 1859 S6. 70 Borrow No. 1859 S6. 70 No. 1859 S6. 70 Borrow No. 1859 S6.	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 MILEAGE 32 PLUG 858* 788 FLOAT EQUITAGE TAX	PMENT @	#10.00 162,91 90.00 #122,97 101,00
REMARKS: Now 1878 56. 70 Boston - Break 100	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 MILEAGE 32 PLUG 858* 788 FLOAT EQUITAGE TAX	PMENT @	#10.00 162.91 90.00
REMARKS: REMARKS: REMARKS R	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 / MILEAGE 32 PLUG 85/8" TRP FLOAT EQUITABLE TOTAL CHARGE 596.78	PMENT @	#10.00 162.91 90.00 1011 JA 10
REMARKS: New 878" S6. 70 Boston The Association	DEPTH OF JOB 679 PUMP TRUCK CHARGE 0= EXTRA FOOTAGE 379 MILEAGE 32 PLUG 858* 788 FLOAT EQUITAGE TAX	PMENT @	#10.00 162.91 90.00

ALLIED CEMENTING CO., INC.

P.O. BOX 31: RUSSELL, KS 67665 PH (785) 483–3887 FAX (785) 483–5566 ORIGINAL:

Invoice Number: 079703

Invoice Date: 09/11/99

RECEIVED KANSAS CORPORATION COMMISSION

.

CONSERVATION DIVISION WICHITA, KS

DEC 27 1999

Sold Black Petroleum Co. To: P. O. Box 12922 Wichita, KS 67277-2922

Cust I.D.... Bl Pet

P.O. Number..: Swayze Twin #1

P.O. Date ...: 09/11/99

Due Date.: 10/11/99 Terms. ...: Net 30

Item I.D./Desc.	Qty. Used		Unit	Price	Net TX
Common	100.	.00	SKS	6.3500	635.00 E
Ge 1	in in the contraction of 2 to	. 00	SKS	9.5000 WA	19.00 E
ALW	185.			6.0000	1110.00 E
Chloride					280.00 E
FloSeal		.00	LBS	1.1500	52.90 E
Handling					299.25 E
Mileage (32)	32.	.00	MILE	11.4000	364.80 E
285 sks @\$.04 p	per sk per n	ni di	· · ·		;
Surface - Surface				470.0000	470.00 E
TRP		.00	EACH	90.0000	90.00 E
Extra Footage	1 3 79 i	OO and sugar and and property as the second	PER	0.4300	162.97 E
	postina i de effective i de la company			•	
All Prices Are Ne	t Pavahle	30 Days Followi	ng Subte	otal:	3483.92
Marie of Involce				:	0.00
THE AGGODINATE CHIRIPIE	M take Disc	count of \$ 696.	78 Payme	ents:	0.00
Chen ut pand white	ulim 310 dlavys	from Involce Da	te Tota	1: - 6254	3483.92
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WHEN CHAINTEN SO. INVOICE o7970 PIGINAL Involce Number: Involce Date: 09/11/99 750 Kanasa deli Rata astemi deci Cust I.D.: : Bl Pet P.C. Number : Swayze Twin #1 P.O. Date: : : 09/11/99 Più Dave ; 10/1/99 Net 30 635.00 6.3500 100.00 SKS Common 9 5000 6,0000 19.00 E . 2,00 185,00 SKS. Gel. 1110.00 ALW. SKS 10.00 46.00 285.00 28,0000 1,1500 260.00 52.90 SKS Chloride LBS Pioseni a 1.0500 299.25 SKS Hand Ling 364,80 Milleage (S2) 11.4000 MILE 32.00 4285 sks 45 04 per sk per mi 470.00 90.00 1.00 JOB 470.0000 Surface 1.00 379.00 90.0000 E EACH TRP Extra Footage 162.97 0.4300 PER All Prices Are Net Payable 30 Days For Switch Cucletals Date of Involce 1 1/2% Charged Theres feet. Tax

If Account Current take Discount of \$ 2 2 7 Payments:
ONLY If paid within 30 days from Involce Date Total. 3423.792 0.00 0.00 3433.92

ளுக்கி ஆண்டு செரியாக விருந்து Jack நார்ந்து Federal Tax I.D.# REMIT TO P.O. BOX 31 - The last of the winds of the last of the la of staubour RUSSELL, KANSAS 67665 missing in to more active to ON LOCATION 3:30 PM 8:15 HM LOCATION 183+WITHORF OMANCHE OLD OR NEW (Circle one) SURFACE CEMENT **HOLE SIZE** 121/4 ... AMOUNT ORDERED CASING SIZE 848" × 24 DEPTH **TUBING SIZE** DEPTH **DRILL PIPE** 100 SV TOOL COMMON_ PRES. MAX POZMIX @ MEAS. LINE _@ *9.50* 280.00 10 @28.00 1110.00 25 DISPLACEMENT @ **PUMP TRUCK BULK TRUCK** HAMILEAGE <u>285</u> #214-314 BULK TRUCK 2760.95 **SERVICE** REMARKS: **DEPTH OF JOB** PUMP TRUCK CHARGE O: SKULATZON _@*_.43* EXTRA FOOTAGE _ MEY 1850 65 MILEAGE @*2.8*5 @ 90.00 @ CHARGE TO: BLACK FLOAT EQUIPMENT **STREET** ELETT LIAM STATE KANSAS @ long let extend of the entire that the state of the state @ 2010) It is that a notition holds, or examine a subject to himportaining to @ e de artigea e esper el argo par la majdiberra del se angantigan depre @ TO A STREET OF THE PARTY (C) A TO A STREET OF THE To Allied Cementing Co., Inc. yYou are hereby requested to rent cementing equipment (MARCHAR) cand furnish cementer and helper to assist owner or a single will retain a TOTAL: contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TOTAL CHARGE # 3483.9 CONDITIONS" listed on the reverse side. DISCOUNT 13.1

PRINTED NAME

ALLIED CEMENTING CO., IN