MUTARY PHELE SPACE HOURS MY AUG

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PLANT MUST BE TIVED	SINE WAE
STATE CORPORATION CONNISSION OF KANSAS	ALADI NO. 15- 135-23,690-000
GIL & GAS CONSERVATION DIVISION ' !! /.	County Ness
ACO-1 WELL HISTORY BESCRIPTION OF WELL AND LEASE	C_NENW_sec.11Twp. 19 Rgs. 24 X
Operator: License # 6141	1980 Feet from (3) N (circle one) Line of Section
Mane: CORONADO OIL & GAS, INC.	1980 Feet from E(W)(circle one) Line of Section
Address P.O. Box 1285	Footages Calculated from Nearest Outside Section Corner:
Great Bend, KS 67530	ME, SE, MW or SW (circle one)
City/State/Zip	Lease Name McDONALD A Well # 1
	Field Name
Purchaser: D&A	Producing Formation D&A
Operator Contact Person: LeeRoy Legleiter	Elevation: Ground 2264' KB 2269'
Phone (316 792-6702	Total Depth 4350' PBTD
Contractor: Hame: ALLEN DRILLING COMPANY	Amount of Surface Pipe Set and Cemented et 276 Fee
License: 5418	Multiple Stage Cementing Collar Used7 Yes X
Wellsite Geologist: Randall M. Lilak	If yes, show depth set Fee
Designate Type of Completion	
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OILSUDSIGWTemp. Abd.	feet depth to w/ ex cmt
X Dry Other (Core, WSW, Expl., Cathodic, etc.	c) Brilling Fluid Hanagement Plan ALT 2 D&A 9/22/92 UAH
If Workover/Re-Entry: old well info as follows:	(Data must be collected from the Reserve Pit)
Operator: N/A	Chloride contentOppm Fluid valume100_bb
Well Hame:	
Comp. Date Old Total Depth	
<del></del>	
Deepening Re-perf Conv. to Inj/SWD PBTD	Operator Name
Commingled Docket No	Lease Name <u>Matthews SWD</u> License No
Other (SWD or Inj?) Docket No.	NE' Quarter Sec. 17 Twp. 18 S Rng. 24 EV
7/09/92 7/15/92 7/16/92	
Spud Date	County Ness   Docket! No.
INSTRUCTIONS: An original and two conies of this form sh	all be filed with the Kansas Corporation Commission. 200 Colorado
Derby Building, Wichite, Kanses 67202, within 120 days	of the spud date, recompletion, workover or conversion of a well.
	on side two of this form will be held confidential for a period of the form (see rule 82-3-107 for confidentiality in excess of 12
	t report shall be attached with this form. ALL CEMENTING TICKETS wells. PSphmid SP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations prom	ALE CORPORATION COMMISSION
with and the statements herein are complete and correct to	the best of my knowledge.
201200	JUL 2 7 1992
Signature Den H. Saylerler	CONSERVATION DIVISION Letter of Confidentiality Attached
	7- Migsier Spisis C Va Wireline Log Received
Subscribed and sworn to before se this 24th day of	rely .
19 92.  Motory Public Hall Q. Cotteer	Blatribution   KCCKCCKGPA
Notery Public	KGSPlugOther

(Specify)

Form ACQ-1 (7-91)

Surface 12-1/4" 8-5/8" 23# 276' 60/40 po 2 160 28gel 38c  ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot  PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot  Shots Per Foot  State Used  Perforated Shots Per Foot  Perforate Specify Footage of Each Interval Perforated  Case At Packer At Liner Run	Operator NameCC	DRONADO O	IL & GAS, IN	C. Lease Hame	McDOI	NALD A	Well #	1		
Top. 19   East 24	☐ East		C East	County	Ness	5				
Interval tested, time tool open and clased, flooring and shutt-in pressures, whether shutt-in pressure reached static level (force space is needed. Attach capy of log.    Secondary   Sec	Sec. 11 Twp.19	Rge. 24	☑ west							
Rame   Top   Datum	interval tested, tim hydrostatic pressures	e tool open a , bottom hole	nd closed, flowing temperature, fluid r	and shut-in pres	sures, wheth	her shut-in pre	ssure read	hed static level		
See	· · · · · · · · · · · · · · · · · · ·		⊠ Yes □ No	₩ Log	Formatio	n (Top), Depth	and Datum	Sample		
Heebner   3663 -1394     Committee Copy.)   Toronto   3684 -1415     LKC   3707 -1438     LKC   3707 -1438     LKC   3707 -1438     See Attached Sheet   Fort Scott   4210 -1941     Cherokee Shale   4233 -2014     Mississippi   4213 -2044     Cong. Sand   4283 -2014     Cong. Sand   4283 -201	•	•	☑ Yes ☐ No	Name 		Тор		Datum		
See Attached Sheet	Cores Taken		□ Yes ☑ No	   Anhydr:	ite	15	21 -	748		
Fort Scott	. •		Yes - Ho	Toronto	Heebner					
Cong. Sand 4283 -2014 Mississippi 4213 -2044  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String   Size Note   Size Casing   Set (in 0.0.)   Use,/Ft.   Septh   Type of   Additives    Surface   12-1/4"   8-5/8"   23#   276'   60/40 po 2 160   28gel 3%c    ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose:   Depth   Type of Cement   Sizeka Used   Type and Percent Additives    Profacet Casing   Prosect Casing   Prosec	.ist All E.Logs Run:			Fort So		42	10 -	1941		
Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String Size Noise Size Casing Orilled Set (in 0.0.) Lbs./Ft. Depth Cement Used Additives  Surface 12-1/4" 8-5/8" 23# 276 60/40 po 2 160 2%gel 3%c  ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose: Depth Top Bottom Type of Cement Stacks Used Type and Percent Additives  Protect Casing Plug Back TO Plug Off Zone  Shots Per Foot Specify Footage of Each Interval Perforsted (Amount and Kind of Material Used) Depth Complete Specify Footage of Each Interval Perforsted Flowing Pumping Sas Lift Other (Explain))  Estimated Production Dil Bble. See Mcf Nater Bble. Ges-Cil Ratio Gravetage Vented Standard Substituted Complete Completion of Gas:  NETHOD OF COMPLETION Duality Comp Comminglish Production Interval Perfor Bble. Ges-Cil Ratio Gravetage Vented Standard Substituted	<u>-</u>			Cong. S	Cherokee Shale					
Surface 12-1/4" 8-5/8" 23# 276' 60/40 poz 160 28gel 38c  ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose:  Depth Top Bottom Type of Coment #Sacks Used Type and Percent Additives  Perforate Prefect Casing Plug Seck TD Plug Off Zone  Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Naterial Used) Depth  TUBING RECORD Size Set At Packer At Liner Run Type Set Litt Other (Explain))  Estimated Production Dil Shis. Sas Mcf Veter Shis. Gas-Oil Ratio Gravitys (If vented about 450-18)  Vented Seld Used on Lease Open Note Open Note Perf. Dually Comp. Comminged  Vented Seld Used on Lease Open Note Open N		Report al		ر نا بده نا س		production, et	c.	<u> </u>		
ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot   Specify Footage of Each Interval Perforated   Acid, Fracture, Shot, Camont Squeeze Record (Amount and Kind of Material Used)   Depth    TUBING RECORD   Size   Set At   Packer At   Liner Run   Yes   No  Date of First, Resumed Production, SVD or Inj.   Producing Method   Flowing   Pumping   Gas Lift   Other (Explain))  Estimated Production   Oil   Bbis.   Gas   Nof   Water   Bbis.   Gas-Oil Ratio   Gravety Per 25 Hours   Stock	Purpose of String			•	;	1 77 1		Type and Percent Additives		
Purpose:    Perforate	surface	12-1/4"	8-5/8"	23#	276'	60/40 po	z 160	2%gel 3%c		
Purpose:    Perforate				İ <del> </del>	i <del>I</del>	Í <del> </del>	i <del>i</del>	i 		
Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used)  TUBING RECORD Size Set At Packer At Liner Rum			ANDITIONA	 	EZE RECORD	1	<u>!</u>	!		
Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated  TUBING RECORD Size Set At Packer At Liner Run Yes   No  Date of First, Resumed Production, SWD or Inj.   Producing Method   Flowing   Pumping   Gas Lift   Other (Explain))  Estimated Production   Oil   Bble.   Gas   Mcf   Water   Bble.   Gas-Oil Ratio   Gravettp   Per 24 Nours   No  NETHOD OF COMPLETION   Duality Comp.   Commingled   Comm	Top Bottom Type of Cement #			#Sacks Used	Sacks Used Type and Percent Additives					
PRING OFF Zone  PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Naterial Used) Depth  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Sas Lift Other (Explain))  Estimated Production Oil Sbie. Sas Mcf Water Sbis. Sas-Oil Ratio Gravetyp Per 24 Hours  NETHOD OF COMPLETION Perf. Dually Comp. Commingled Technology Pumping Sold Water Sold Water Sold Open Hole Perf. Dually Comp. Commingled Technology Pumping Sold Water Sold Water Sold Water Sold Open Hole Perf. Dually Comp. Commingled Technology Pumping Sold Water Sold Wate	Protect Casing	!								
Shots Per Foot   Specify Footage of Each Interval Perforated   (Amount and Kind of Material Used)   Depth	· · ·						٠- ١	₹.		
Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain))  Estimated Production Oil Bble. Gas Mcf Water Bbls. Gas-Oil Ratio Gravety Per 24 Hours  NETHOD OF COMPLETION Production Interest Open Hote Perf. Dually Comp. Commingled	Shots Per Foot				I -			=		
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Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain))  Estimated Production Oil Bble. Gas Mcf Water Bbls. Gas-Oil Ratio Gravety Per 24 Hours  NETHOD OF COMPLETION Production Interest Open Hote Perf. Dually Comp. Commingled							··-			
Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravetyp Per 24 Hours  NETHOD OF COMPLETION  Vented Sold Used on Lesse  Open Hote Perf. Dually Comp. Commingled	TUBING RECORD Size Set At Pe			Pecker At	ecker At Liner Run					
Per 24 Hours  Disposition of Gas:  WETHOD OF COMPLETION  Production Interest Open Hole Perf. Dually Comp. Commingled	Date of First, Resum	ed Production,	SWD or Inj. Prod	ucing Hethod	Lowing D.Pus	mping Gas L	lft 🗆 ót	her (Explain)}		
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled		oit	Bbls. Gas	Hcf   Water	r Bbls.	6as-01 L	Ratio	Grav <del>itp</del>		
(1f vented, subsit ACO-18 )	disposition of Sas:							reduction Interna		
			_		Oually	Comp. Comp	inglied _			

McDONALD A-1 C-NE-NW Sec. 11-19-24w Ness County, Ks.

#### DRILL STEM TESTS

DST #1 Fort Scott

INTERVAL: 4195' to 4230'

TIME: 45"-45"-45"-60"

Weak blow building

RECOVERY: 120' SL,OCMW

IF: 35#-47# FF: 58#-70#

ISIP: 1059# FSIP: In-Valid

(No good, leak in tool)

DST #2 Cong. Sand

INTERVAL: 4256' to 4318'

TIME: 15"-15"-15"-15"

Weak blow died in 5 minutes.

RECOVERY: 5' M - SSFO

IF: 35#-47# FF: 47#-47# ISIP: 82# FSIP: 47#

DST #3 Mississippi

INTERVAL: 4319' to 4325'

TIME: 25"-15"-15"-15"

Weak blow died in 9 minute

RECOVERY: 20' VS OCM

5' Free oil

IF: 23#-23# FF: 35#-23# ISIP: 978# FSIP: 884#

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CONSERVATION DIVISION
Wichita; Kanoas

#### STRATIGRAPHY & LITHOLOGY

(Zones of Interest)

NOTE: THIS SECTION BASED UPON SAMPLES COLLECTED FROM 3400'
TO TOTAL DEPTH (SAMPLES ABOVE THE HEEBNER WERE MOSTLY POOR
QUALITY AND NO SHOWS WERE NOTED IN ANY SAMPLES ABOVE THE
FORT SCOTT. LOG CALCULATIONS ARE OPTIMISTIC DUE TO USE OF
GUARD LOG IN FRESH MUD SYSTEM).

3356 (-1087)

TOPEKA: TOP OF THE SHAWNEE GROUP

3389-3395 (33-39' ir.

(33-39' in to -1126) LIMESTONE: Cream to gray, chalky to very fine grain, poor to fair apparent intergranular porosity, no odor, no floures-

cence, no show. 17% Porosity, 26%Sw.

3403-3410

(47-54' in to -1141) LIMESTONE: Dolomitic Limestone: buff to tan, very fine crystalline, profuse fine comoldic porosity, fair matrix porosity and spotty fliourescence, no odor or cut, trace color (greasy tuster)?; 30% Porosity, 19% Sw.

3663 (-1394)

HEEBNER SHALE

3684 (-1415)

**TORONTO** 

3707 (-1438)

LANSING

3707-3714

(LKC 'A' Zone: 0-7'in to -1445) LIMESTONE: Cream to buff, cherty to subcrystalline and sublithographic, mostly very tite with trace rare isolated comodic porosity having tite matrix, no odor, scattered bright mineral flourescence, no stain or cut, no free oil.

3-6% Porosity.

3745-3748

(LKC 'B' Zone; 38-41'in to -1479) LIMESTONE: White to cream, very fine grain to sublithographic, sparse scattered white chert and fossils, mostly no visible porosity, no odor, flourescence, cut, or shows. 10% Porosity, 45% Sw.

3789-3792

(LKC 'F' Zone; 82-85'in to -1523) LIMESTONE: White to cream oolitic micrite with scattered white to amber motited chert, poor apparent porosity, no odor, no flourescence, no cut or show. 10% Porosity, 40% Sw..

3868 (-1599)

DRUM(LKC 'H' ZONE)

3929-3933

(Upper ENCCE 266-222-226 in to -1664) LIMESTONE & CHERT: White to buff; Statistic United British With White Chiefles matrix, mostly poor apparent porosity with rare comoldic porosity, no odor, stains, flourescence, cut, or shows. 11-14% Porosity, 36% St11 2 7 1992

3954-3958

(Lower LKG of Zone) 247,251 in to -1689) LIMESTONE: White to cream, very fine grain to supplit to graphic, collic in part with poor to fair scattered intercollic porosity, mostly tite matrix, no odor, stain, flourescence, cut, or shows. 12% Porosity, 24% Sw

3981 (-1712)

STARK SHALE

4009 (-1740)

HUSHPUCKNEY SHALE

#### STRATIGRAPHY & LITHOLOGY, Continued

4037 (-1768) BASE KANSAS CITY GROUP

4046 (-1777) TOP OF MARMATON GROUP (LENAPAH)

4046-4050 (Lenapah, 0-4, to 1781) LIMESTONE: White to buff, very fine grain to sublithographic, challey to argillaceous with mostly poor apparent porosity, no odor, floures-

cence or shows. 12% Porosity, 47% Sw.

4068 (-1799) ALTAMONT LIMESTONE MEMBER OF MARMATON

4128 (-1859) PAWNEE MEMBER OF MARMATON GROUP

4210 (-1941) FORT SCOTT

4220-4230 (10-20'in to -1961) LIMESTONE: White to cream with scattered white corraline chert, very fine to fine grain oblitic limestone with fair interoolitic porosity, becoming fossil-

wery fine to fine grain oblitic limestone with fair intercolluc porosity, becoming rossiliterous towards bottom having fair interfossil porosity, fair to good odor, fair light staining and saturation at top, becoming darker and spotty with some barren porosity towards bottom, fair scattered bright flourescence with fair cut, trace to fair show of light gassy free oil and bleeding gas. 10-16% Porosity, 32-35% Sw. This interval

was evaluated and condemned by the results of DST #1. (See page 4).

4233 (-1964) UPPER CHEROKEE SHALE

4256 (-1987) LOWER CHEROKEE SHALE

4267 (-1998) LOWER CHEROKEE LIME

4267-4278 LIMESTONE: Mostly cream, sublithographic to subcrystalline, arenitic in part, rare fossils, mostly very tite with rare isolated very poor pin-point porosity and dark stain, faint odor, rare spotty flourescence with very poor cut, scattered fine grain, shaly, tite, alauconitic sandstone increasing lowards bottom, no free oil. Less than 5% Por-

osity throughout. This interval was condemned by its inclusion in DST #2.

4278 (-2009) BASAL PENN. CONGLOMERATE SHALE

4283 (-2014) CHEROKEE/CONGLOMERATE SS/CHT.

4283-4297 Chalky to sublithographic white to buff Limestone with fair amount of varicolored Chert (mostly amber and brown) having isolated pitted porosity and dark to gilson-

RECEIVED litic staining, rare cluster of dense, tite, fine grain, glauconitic sandstone, and trace increased for the grain sand on bottom of tray, scattered soft yellow and green shale, faint odor, poor flourescence, poor intitial cut increased to good with time, poor

JUL 2 7 1992 gas. LOG indicates section to be "retty"; 10-16% Porosity, 24-50% Sw. This interval

was condemned by its inclusion in DST #2 (See page 4).
CONSERVATION DIVISION

4304 (-2035) REWORKED (WEATHERED) MISSISSIPPIAN
4304-4307 While to light green, chally to doloralise and sublithographic Limes

White to light green, chally to dolomitic and sublithographic Limestone, mostly very poor apparent porosity, fair odor, slight stain, spotty flourescence, slight cut, poor show of light, gassy free oil. 30+% Porosity, 36% Sw. This interval was condemned by its inclusion in DST #2. (See page 4).

#### STRATIGRAPHY & LITHOLOGY, Continued

4307 (-2038) 4307-4312 MISSISSIPPIAN WARSAW

(0-5, to -2043) DOLOMITIC LIMESTONE: Light green, very fine grain to chalky, mostly very poor apparent porosity, slight odor and stain, poor flourescence and cut, trace of free oil. 10% Porosity, 48% Sw. This interval was condemned by its inclusion in DST #2 (See page 4).

4313 (-2044) 43134316 MISSISSIPPIAN WARSAW POROSITY(DOLOMITE)

(to -2047) DOLOMITE: Cream to light green, very fine grain to sublithographic, few pieces very fine crystalline, fossiliferous with fair scattered interfossil porosity in mostly tite matrix, fair odor, fair staining where porous, poor flourescence and cut, slight show of light gassy free oil. 13% Porosity, 33% Sw. This interval was condemned by its inclusion in DST #2 (See page 4)

4317-4326

(to -2057) DOLOMITE: Light green to buff, very fine grain to subcrystalline, fossiliterous with scattered fair to good interfossil porosity, increasing disseminated pyrite in matrix towards bottom, fair odor, fair to good light staining where porous, becoming darker and barren in part towards bottom, poor flourescence, fair cut, fair show of free oil, light and gassy at top to darker and flaky in part towards bottom. 15-17% Porosity, 22-34% Sw. The top of this interval was condemned by DST #3, and the lower part of this interval was condemned by the increase in SW from the upper tested interval and increasing indications of water from the samples in addition to being below the oil water contact noted in the area.

4327-4340

(to -2471) DOLOMITE: Cream to light green at top, becoming darker green and increasingly glauconitic towards bottom, very fine grain to sublithographic, few pieces fine crystatline with poor to fair intercrystalline porosity, scattered fossil-cast porosity with spotty mostly dark staining, fair amount of barren porosity, fair amount of fine disseminated pyrite in matrix, scattered fine grain loose rounded sand, strong "rotten" odor, dull flourescence, poor cut, trace flaky free oil. 17-22% Porosity, 60+% Sw.

4341-4350

(43' of MISSISSIPPIAN Penetrated, to -2081) DOLOMITE: While to cream, mostly very fine grain to sublithographic and tite with very poor apparent porosity, few pieces fine crystalline with spotty dead stains, scattered pyrite, few quartz pebbles, strong "rotten" odor, dull flourescence, very poor cut, no free oil. Mostly less than 12% Porosity, 100% Sw.

4348 (-2079)

HOCITOTAL DEPTH
STATE CORPORATION COMMISSION

4350 (-2081)

ROTARY TOTAL DEPTH JUL 2 7 1992

CONSERVATION DIVISION
Wi8hité, Kansas Page 8 of 9

#### SUMMARY

The #1 McDonald 'A' was plugged and abandoned after complete evaluation of the samples, structural geology, drill stem tests, and log analysis compared to nearby producers indicated little potential for obtaining commercial production at this location. Although some upper Pennsylvanian zones calculated on the electric log, no shows were noted from these horizons and the optimistic log calculations are thought to be due to the use of a guard log in a fresh mud system and the chalky to comodify nature of the rocks in these zones. The only sample shows present were from the Fort Scott, Cherokee, and Mississippian, which were all evaluated by Drill stem tests with negative results. Although shows remained below DST #3, both sample and log analysis, in addition to being well below the area oil-water contact at that point, indicated that this lower Mississippian interval was well and not capable of commercial production.

It should be noted that the seismic data used in picking this location was a "bust" on the Anhydrite to Pennsylvanian interpretation(s), but that this well actually had the thinnest Cherokee to Mississippian interval (74') compared to surrounding well control (79-104').

Samples have been deposited at the Wichita Well Sample Library at the request of the Kansas Geological Survey.

Respectfully submitted,

Randall M. Lilak Wellsile Geologist

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JUL 27 1992 Page 9 of 9

CUNSERVATION DIVISION Wichite: Kenses

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

## ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31 Russell, Kansas 67665 New On Location Sec. [wp. Range Called Out Job Start Finish 74 9 11:00-1 County State Well No. 1255 Owner NOM -Contractor To Allied Cementing Co., Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Hole Size T.D. Charge Csg. Depth To Tbg. Size Depth Street Drill Pipe Depth City The above was done to satisfaction and supervision of owner agent or Tool Depth contractor. Cement Left in Csg. Shoe Joint Purchase Order No. Minimum Press Max. Meas Line Displace CEMENT Perf. Amount 69,601,4 Fbsen Ordered EQUIPMENT Consisting of Common No. Cementer 1 Poz. Mix Pumptrk Helper Gel. No. Cementer Chloride Helper Pumptrk Quickset Driver Bulktrk Sales Tax Bulktrk Driver Handling DEPTH of Job Mileage OFWED Reference: STATE CORPORATION COMMISSION Sub Total Total Sub Total Floating Equipment VISION Wienita Ransas Tax Total Remarks:

in Rathole

#### 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 work-manship 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 accom-

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

Phone Plainville 913-434-2812 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

2717

No	Н	ome Office F	. O. Box 31			Russell, Kansas 67665				
THE W	Sec.	ſwp.	Range	Ca	lled Out	On Location	Job Start	Finish		
Date 7-9-92.	11	19	24W	18:30	1	9:30	11:25 W	11:40 PM		
Wease/1/5 Danald	Well No.	4-1	Location	11	- Ci+, 2	W25 Einto	Ness County	State		
*Contractor	n Dela Co.	/	12,275,71		Owner (	promado O	11+ 695			
Type Job Surface					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 listed-					
Hole Size		T.D. 2	78							
Csg. 8 8 23'	4	Depth	276	1	Charge Coronado Oil + Gas					
Tbg. Size		Depth			Street					
Drill Pipe		Depth			Cim		C	MILE LINE		
Tool						City State  The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.	7.5	Shoe Join	nt		Purchase Order Non //					
Press Max.		Minimum	1		4 1 1 1 f					
Meas Line					CEMENT					
Perf.				21111	Amount	112601 -	2/ 5 / 2 0	, ,		
	EQUIPME	NT			Ordered Consisting	160 740 2	% Gel 39	600		
No.	Cementer	0			Common	The state of the last				
Pumperk 158	Helper	B	ary		Poz. Mix					
No.	Cementer	- 4	111		Gel. Chloride					
Pumptrk	Helper									
Us BEER AND IDEAL	Driver	K	0.46		Quickset					
Bulktrk / 16	Driver						Sales Tax			
				in (micle)	Handling					
DEPTH of Job				1						
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		Sub 7	l'otal ax	CONSER	Floating E	quipment	Total			
			Total					A LEWIS CO.		
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#### 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 "terials, products, or supplies

used, sold, or furnished under the equirements of this contract.

—TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash perment 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.

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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.

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