

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 167-23219-00-00
County Russell
162 N & 147 W
C - SE Sec. 21 Twp. 11S Rge. 15 X E

1482 Feet from SN (circle one) Line of Section
1467 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Eulert Ranch G Well # 1

Field Name Hagaman North

Producing Formation Topeka Arbuckle

Elevation: Ground 1871 KB 1876

Total Depth 3346 PBTD

Amount of Surface Pipe Set and Cemented at 217 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set DV tool set at 950' Feet

If Alternate II completion, cement circulated from 950

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan W11 64 8 0 0 0 0
(Data must be collected from the Reserve Pit)

Chloride content 54,000 ppm Fluid volume 400 bbls

Dewatering method used Allow to dry and backfill

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 6194

Name: ESP Development, Inc.

Address 17746 177th. Boulevard

City/State/Zip Paradise, KS 67658

Purchaser: EOTT

Operator Contact Person: Bud Eulert

Phone (785) 998-4413

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: Randy Killian

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

3-4-02 3-10-02 3-10-02

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 5-13-02

Subscribed and sworn to before me this 13th day of May,
2002.

Notary Public Donna Super

DONNA SUPER
Notary Public, State of Kansas
My Appt. Expires 2/9/2005

Date Commission Expires 2/9/2005

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RECEIVED
5-14-02
MAY 14 2002

KCC WICHITA

X

Sec. 21 Twp. 11S Rge. 15
 East
 West

Lease Name Eulert Ranch "G" Well # 1
 County Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run: Radiation Guard Log
Gamma Ray Collar Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Anhydrite	Top 948'
	Base	983'
	Topeka	2711'
	Heebner Shale	2964'
	Toronto	2982'
	Lansing	3012'
	Base KC	3266'
	Arbuckle	3332'
	T.D.	3346'
		Datum + 928
		+ 893
		- 830
		-1088
		-1106
		-1136
		-1390
		-1456
		-1470

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 new	12 1/4	8 5/8	20#	217'	60/40 Poz	140	2% gel 3% CC.
Surface				Mixed	Additional Common	170	3% CC
Production -used	7 7/8	5 1/2	14#	3330' set 950'	ASC 60-40 Poz	150 225	2% gel 6% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 shots/ft	Pf. 2744-2747 12 shots	500 gal. 15% INS w/1 gal DMO	2744-47
Open Hole	3330-46	250 gal. 15% MCA	3330-46

TUBING RECORD Size 2 3/8 Set At 3336 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 4-12-02 First Prod. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 73 Bbls Bbls. Gas --- Mcf Water 13 Bbls Bbls. Gas-Oil Ratio _____ Gravity 30.28

Disposition of Gas: METHOD OF COMPLETION Production Interval 2744-2747
Open Hole 3330-46

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

15-167-23219-0000

Thompson, Arthur & Davidson

Attorneys at Law

MARVIN E. THOMPSON
MARK ARTHUR, JR.
DENNIS R. DAVIDSON

CLIFFORD R. HOLLAND
(1897-1953)

RECEIVED

JUN 17 2002

KCC WICHITA

525 MAIN STREET
P.O. BOX 111
RUSSELL, KANSAS 67665-0111
TELEPHONE (785) 483-3195
FAX (785) 483-3504

June 14, 2002

Ms. Elisabeth Heibel, Production Dept.
Conservation Divison
Kansas Corporation Commission
Finney State Office Building
130 South Market, Room 2078
Wichita, KS 67202-3802

Re: ESP Development, Inc.--Eulert Ranch "G" Lease

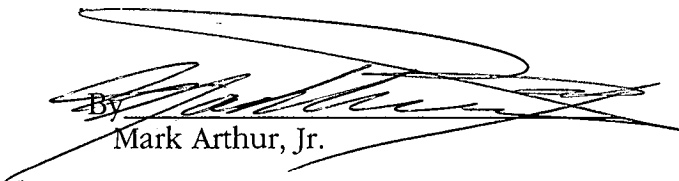
Dear Ms. Heibel:

We have obtained and enclose herewith waivers of any objection to ESP Development, Inc.'s co-mingling application from both the offsetting operators.

Please advise if anything else is needed.

Sincerely,

THOMPSON, ARTHUR & DAVIDSON

By 
Mark Arthur, Jr.

MA/grp

Enclosures

cc: ESP Development, Inc.

Mr. Lewis Eulert
ESP Development, Inc.
17746 - 177th Boulevard
Paradise, KS 67658-9415

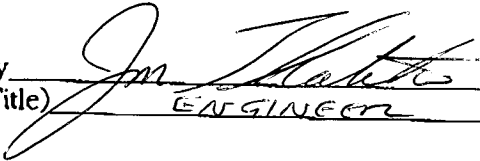
KCC WICHTA

WAIVER

The undersigned, Petroleum Property Services, Inc., hereby waives any right it may have to object to the ACO-4 co-mingling application of ESP Development, Inc., regarding its Eulert Ranch "G" Lease #1 (approximately SE/4 SE/4 SE/4 of 21-11-15, Russell County, Kansas) API #15-167-23219.

DATED this 7th day of June, 2002.

PETROLEUM PROPERTY SERVICES, INC.

By 
(Title) ENGINEER


RECORDED
JUN 17 1
KCC WICHITA

WAIVER

The undersigned, Lorenzen Oil Company, hereby waives any right it may have to object to the ACO-4 co-mingling application of ESP Development, Inc., regarding its Eulert Ranch "G" Lease covering portions of the SE/4 of 21-11-15, Russell County, Kansas.

DATED this 13 day of JUNE, 2002.

LORENZEN OIL COMPANY

By 
(Title) VP/Sec'y

DRILL STEM TESTS ORIGINAL

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFF/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Arb. 3322- 3346'	25# 133# 45"	905# 45"	135# 254# 60"	893# 90"	1661# 1625#	405' Oil grav 29 125' M,S1,W,C,Oil 60' O&W,C,Mud
2							
3							
4							
5							
6							
7							
8							

KCC
 MAY 14 1971
 KCC WICHITA

DRILLERS WELL LOG

Date Commenced: March 4, 2002
Date Completed: March 10, 2002

ESP Development, Inc.
Eulert Ranch G #1
162'N & 147'W C SE
Sec. 21-11S-15W
Russell County, Kansas

Elevation: 1871' G.L.
1876' K.B.

0 – 1700' Sand & Shale
1700 – 2340' Shale
2340 – 3346' Shale & Lime
3346' R.T.D

FORMATION DATA

Anhydrite	915'
Topeka	2710'
Heebner	2960'
Lansing Kansas City	3010'
Arbuckle	3345'

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Surface Pipe: Set 20#, new, 8 5/8" casing @ 217' with 140 sacks 60/40 Poz., 2% Gel., 3% CC. Mixed additional 170 sacks Common, 3% CC.

Production Pipe: Set 14#, used, 5 1/2" casing with 225 sacks 60/40 Poz., 6% Gel., 1/4# flocele.

AFFIDAVIT

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

Alan Vonfeldt of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

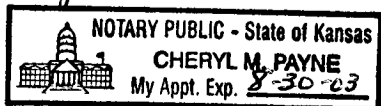
Alan Vonfeldt
Alan Vonfeldt

Subscribed and sworn to before me this 17th day of March, 2002.

My Commission Expires:

August 30, 2003

Cheryl M. Payne
Cheryl M. Payne, Notary Public



Chronology to 3-27-02

KB Elev. 1876
GL Elev. 1871

ESP DEVELOPMENT CO.
EULERT RANCH "G" #1
HAGAMAN NORTH FIELD

API # 15-167-23219
RUSSELL CO. KS.
Sec. 21-11S-15W
1482 PSL & 1467 FEL

ORIGINAL

VONFELDT DRIG. CO. Drig. completed 3-10-02

Logs: Gamma/ Neutron/ Laterolog/ Caliper & SP
Correlation cement bond log in Csg.
Randall Killian Geological services.

8 5/8 Surf. Csg. @ 217'
Cement circulated.

Production from Arbuckle O/H and Topeka perfs.

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MAY 14 1902
KOCWICHIA

3-18-02

Express Well Service on location with Drig. equipment to clean out DV tool and packer shoe. Clean out to 3316', getting up rotary cuttings and very little cement.

DV Tool @ 915' W/225 Sx Cement
Circulated to surface.

3-19-02

Swab well down to determine problem. tested 2.4 B/Hr. fluid 40% oil. Pull tubing and run correlation log to check depth, found depth 3311' correlated to open hole log.

3-20-02

Run in bit and cleaned out 35' to rotary TD getting rotary cuttings and very little cement.

3-21-02

Pull tubing and bit, Ran Dual receiver sonic cement bond log to determine cement condition. Log TD 3346', good cement bond to Csg. Shoe. Ran tubing W/packer to 3300', swab test 5B/Hr. 50% oil for 3 Hr. test.

Top Cement @ 2550'

3-22-02

2100' of fluid in hole over night 85% oil. Swab down and Oilman's acid Co. treat O/H with 6 barrel of mud clean up 15% acid. Swab back load and average 7.5 B/Hr. no visable water. Four Hr. test.

3-25-02

Topeka perforations 2744 to 47'
12 shots.

1900' of oil in hole with 200' of water over week end. Fluid level 1250' from surface. Pull tubing and packer to test Topeka zone. Perforate 8 shots 2744 to 47'. Ran straddle tools to test, had trouble setting tools tubing unscrew had to get grapple and fish tubing, run back in hole set over topeka zone.

3-26-02

Swab test 2.5 B/Hr. 35% oil. Treat with 12 barrel clean up 15% acid. Recovered load and test 5.5 B/Hr. no visable water. 3 Hour test.

5 1/2" X 14# @ 3330' W/150 Sx.
Weathford packer shoe.

3-27-02

1400' all oil in hole over night, pull straddle tools and run pumping equipment to comingle topeka and arbuckle for pump test.

103 Jts. 2 3/8" 2-8' 1-6' 1-4' tubing Subs.
132 new rods W/ 1 1/2 X 12 X 2" Cup Pump.

Rotary T. D. 3346'

ORIGINAL

ALLIED CEMENTING CO., INC.

10255

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

R

Table with columns: DATE, SEC., TWP., RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL#, LOCATION, COUNTY, STATE, OLD OR NEW.

CONTRACTOR VonSith Rig #1
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 217
CASING SIZE 8 5/8 DEPTH 219
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT 12 3/4

EQUIPMENT
PUMP TRUCK CEMENTER Paul
122 HELPER Glen
BULK TRUCK DRIVER Shane
213 DRIVER
BULK TRUCK DRIVER

REMARKS:

Cement Circulated

OWNER
CEMENT
AMOUNT ORDERED 140 60% 40 3% CL
COMMON 84 @ 6.5 558.60
POZMIX 56 @ 3.55 198.80
GEL 2 @ 10.00 20.00
CHLORIDE 4 @ 30.00 120.00
HANDLING 146 @ 1.10 160.60
MILEAGE 44/51 mile 116.00
TOTAL 1174.00

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MAY 14 2002
KCC WICHITA

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE 520.00
EXTRA FOOTAGE @
MILEAGE 20 @ 3.00 60.00
PLUG 8 5/8 wood @ 45.00
TOTAL 625.00

CHARGE TO: ESP
STREET
CITY STATE ZIP

FLOAT EQUIPMENT

Table with columns for equipment items and prices.

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX
TOTAL CHARGE
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

ALLIED CEMENTING CO., INC.

10700

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <u>3-5-02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
<u>Rauch</u>							<u>8:00 AM</u>
LEASE <u>Euler</u>	WELL # <u>G-1</u>	LOCATION <u>Gorham Block top 10A</u>			COUNTY <u>Russell</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>1E 2A 1E 1/2</u>					

CONTRACTOR Vonfeldt Dwyer
 TYPE OF JOB _____
 HOLE SIZE 12 1/4 T.D. 217
 CASING SIZE 8 5/8 DEPTH 217
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 45'
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 170 Com 39cc

COMMON	<u>170</u>	@	<u>665</u>	<u>1130.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>1.0</u>	<u>192.50</u>
MILEAGE	<u>44/sk</u>	@	<u>1.00</u>	<u>44.00</u>
TOTAL				<u>1613.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark
 # 345 HELPER Dave
 BULK TRUCK
 # 282 DRIVER Brent
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Drilled onto 8 5/8 - caught fluid & had
Rate of 466l/min @ 200' - disks not cut
Moved 175' @ 100' pressure - displaced
to 170 - waited 1/2 hr - made sure
cement stayed in place - shut in

J. Shank
11

RECEIVED
 MAY 14 2002
 KCC WICHITA

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>250.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>3.00</u>	<u>60.00</u>
PLUG <u>8 5/8 wood</u>		@		<u>45.00</u>
		@		
		@		
TOTAL				<u>355.00</u>

CHARGE TO: ESP
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Doug Budig

Doug Budig
 PRINTED NAME

ALLIED CEMENTING CO., INC.

10314

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: *[Signature]*

DATE <u>3/10/02</u>	SEC. <u>21</u>	TWP. <u>11</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>4:45 PM</u>
LEASE <u>Eufert Ranch</u>	WELL # <u>6-1</u>	LOCATION <u>Barham 1E 10N 1/2 E 2N</u>	COUNTY <u>Russell</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/4 E 1/4 N</u>				

CONTRACTOR Vonfeldt Dig
 TYPE OF JOB prod string (2 stage)
 HOLE SIZE 7 7/8 T.D. 3346
 CASING SIZE 5 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL 23 1/2 BBL DEPTH 950
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 16'
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 81 1/2 BBL

OWNER
 CEMENT AMOUNT ORDERED 150 ASC 2% gal
500 gal WFR-2
 COMMON 150 ASC @ 8.50 1275.00
 POZMIX @
 GEL 3 @ 10.00 30.00
 CHLORIDE @
WFR-2 500 gals @ 1.00 500.00
 @
 @
 @
 @
 HANDLING 161 @ 1.10 177.10
 MILEAGE 44/sk/mile 123.80
 RECEIVED TOTAL 2110.90

EQUIPMENT
 PUMP TRUCK # 345 CEMENTER Dave HELPER Mark
 BULK TRUCK # 279 DRIVER Darin
 BULK TRUCK # 160 DRIVER Glenn

SERVICE
 KCC VICTORIA
 DEPTH OF JOB
 PUMP TRUCK CHARGE 1130.00
 EXTRA FOOTAGE @
 MILEAGE 20 @ 3.00 60.00
 PLUG @
 @
 @
 TOTAL 1190.00

REMARKS:
Cent on 1-3-6-10 ~~77~~ 77
Basket 75
DV on top 76 = 950'
Float Held

CHARGE TO: ESP Development Inc
 STREET
 CITY Paradise STATE Ks ZIP

FLOAT EQUIPMENT
1 DV Tool @ 3300.00
1 Basket @ 123.80
1 Latch Down plus Asp @ 350.00
1 packer shoe @ 1325.00
5 controllers @ 50.00 250.00
 TOTAL 5353.00

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE: Charley Farr

C.D. FARR
 PRINTED NAME

ALLIED CEMENTING CO., INC.

10315

Federal Tax I.D.#

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Table with columns: DATE, SEC., TWP., RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL #, LOCATION, COUNTY, STATE, OLD OR NEW (Circle one)

Table with columns: CONTRACTOR, TYPE OF JOB, HOLE SIZE, CASING SIZE, TUBING SIZE, DRILL PIPE, TOOL, PRES. MAX, MEAS. LINE, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT

Table with columns: OWNER, CEMENT, AMOUNT ORDERED

Table with columns: EQUIPMENT, PUMP TRUCK, BULK TRUCK, BULK TRUCK

Table with columns: COMMON, POZMIX, GEL, CHLORIDE, FLOEAL, HANDLING, MILEAGE, TOTAL

REMARKS: Plug Port hole 15sk, House hole 10sk, Cement Cir, Witness by Dave Furb, Concrete, Doug Budz, Vontfeldt Rep

Table with columns: SERVICE, DEPTH OF JOB, PUMP TRUCK CHARGE, EXTRA FOOTAGE, MILEAGE, PLUG, TOTAL

CHARGE TO: ESP Development Inc, STREET, CITY, STATE, ZIP

Table with columns: FLOAT EQUIPMENT, TOTAL

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.

TAX, TOTAL CHARGE, DISCOUNT IF PAID IN 30 DAYS

SIGNATURE: Charley Furr

C. D. FARR PRINTED NAME