

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

Operator: License # 31355

Name: W. C. Payne

Address 800 United Founders Tower

City/State/Zip OKC, OK 73112

Purchaser: _____

Operator Contact Person: Clyde D. Towery

Phone (405) 843-9419

Contractor: Name: Eagle Drilling, Inc.

License: 5380

Wellsite Geologist: Tom Lains

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

12-6-93 12-14-93 12-14-93

Spud Date Date Reached TD Completion Date

API NO. 15- 077-21274 00-00 011111

County Harper

SE - NW Sec. 23 Twp. 34S Rge. 9W

1980 Feet from X/N (circle one) Line of Section

1980 Feet from X/W (circle one) Line of Section

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

Lease Name JUDY Well # 1

Field Name Wildcat

Producing Formation none

Elevation: Ground 1283 KB 1296

Total Depth 5040 PBDT _____

Amount of Surface Pipe Set and Cemented at 305 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate ill completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 3-1-94 D+A
(Data must be collected from the Reserve Pit) B

Chloride content 24,000 ppm Fluid volume 6,000 bbls

Dewatering method used will fill pit when dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Clyde D. Towery

Title Engineer Date 12-28-93

Subscribed and sworn to before me this 28th day of December, 1993.

Notary Public Debbie Caywood

Date Commission Expires 11-27-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
JAN 03 1994
CONSERVATION DIVISION
Wichita, Kansas
Form ACO-1 (7-91)

Operator Name W. C. Payne Lease Name JUDY Well # 1
 Sec. 23 Twp. 34S Rge. 9W East West
 County Harper

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.)
 See attached sheets
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Mississippi 4594 3298
 Hunton-Misener 4986 3690

List All E.Logs Run:
 Dual Induction, Density-Neutron & Coral

CASING RECORD <input checked="" type="checkbox"/> New <input 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
Water Protection	12-1/4"	8-5/8"	24	305	40/60 Poz.	225	2% gel; 1/2% floccel & 3% CC

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Resumed Production, SWD or Inj.				
Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval _____

ORIGINAL

DST REPORT

GENERAL INFORMATION

DATE	: 12/12/93	TICKET	: 20046
CUSTOMER	: W C PAYNE COMPANY	LEASE	: JUDY
WELL	: #1	TEST:	: 1
ELEVATION:	1283 GL	GEOLOGIST:	TOWERY
SECTION	: 23	FORMATION:	MISSISSIPPI
RANGE	: 9W	COUNTY:	HARPER
GAUGE SN#:	1051	RANGE	: 4250
		STATE	: KS
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4592.00 ft	TO:	4641.00 ft	TVD:	4641.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4596.0 ft		4599.0 ft		
TEMPERATURE:	124.0				
DRILL COLLAR LENGTH:	506.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	4058.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	49.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	4587.0 ft	SIZE:	6.750 in		
PACKER DEPTH:	4592.0 ft	SIZE:	6.750 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	EAGLE DRILLING	VISCOSITY :	46.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.100 ppg	SERIAL NUMBER:	411
CHLORIDES :	4000 ppm	REVERSED OUT?:	NO
JARS-MAKE :	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW. GAS TO SURFACE IN 8 MINUTES. SEE GAS SHEET ATTACHED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
60.0	0.0	10.0	0.0	90.0	GAS CUT MUD
60.0	5.0	10.0	0.0	85.0	GAS & OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0148 STB	TOTAL FLOW TIME:	85.0000 min.
GAS VOLUME:	0.3313 SCF	AVERAGE OIL RATE:	4.4986 STB/D
MUD VOLUME:	0.5163 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.5311 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2241.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	86.00	86.00
INITIAL SHUT-IN	60.00		1835.00
FINAL FLOW	60.00	86.00	107.00
FINAL SHUT-IN	60.00		1835.00

FINAL HYDROSTATIC PRESSURE: 2187.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2231.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	82.00	82.00
INITIAL SHUT-IN	69.00		1839.00
FINAL FLOW	55.00	92.00	105.00
FINAL SHUT-IN	69.00		1824.00

FINAL HYDROSTATIC PRESSURE: 2188.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 12/12/93	TICKET : -20046
CUSTOMER : W C PAYNE COMPANY	LEASE : JUDY
WELL : #1 TEST: 1	GEOLOGIST: TOWERY
ELEVATION: 1283 GL	FORMATION: MISSISSIPPI
SECTION : 23	TOWNSHIP : 34S
RANGE : 9W COUNTY: HARPER	STATE : KS
GAUGE SN#: 1051 RANGE : 4250	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	5 PSIG	78100 SCF/D
20 MIN	MERLA	0.500	12 PSIG	129000 SCF/D
30 MIN	MERLA	0.500	17 PSIG	159000 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	21 PSIG	180000 SCF/D
20 MIN	MERLA	0.500	25 PSIG	205000 SCF/D
30 MIN	MERLA	0.500	28 PSIG	222000 SCF/D
40 MIN	MERLA	0.500	30 PSIG	231000 SCF/D
50 MIN	MERLA	0.500	32 PSIG	243000 SCF/D
60 MIN	MERLA	0.500	33 PSIG	248000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 12/12/93	TICKET : 20046
CUSTOMER : W C PAYNE COMPANY	LEASE : JUDY
WELL : #1 TEST: 1	GEOLOGIST: TOWERY
ELEVATION: 1283 GL	FORMATION: MISSISSIPPI
SECTION : 23	TOWNSHIP : 34S
RANGE : 9W COUNTY: HARPER	STATE : KS
GAUGE SN#: 1051 RANGE : 4250	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	82.00	82.00
5.00	82.00	0.00
10.00	82.00	0.00
15.00	82.00	0.00
20.00	82.00	0.00
25.00	82.00	0.00
30.00	82.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	688.00	688.00	11.00
6.00	1221.00	533.00	6.00
9.00	1692.00	471.00	4.33
12.00	1742.00	50.00	3.50
15.00	1769.00	27.00	3.00
18.00	1789.00	20.00	2.67
21.00	1802.00	13.00	2.43
24.00	1812.00	10.00	2.25
27.00	1818.00	6.00	2.11
30.00	1825.00	7.00	2.00
33.00	1829.00	4.00	1.91
36.00	1831.00	2.00	1.83
39.00	1835.00	4.00	1.77
42.00	1836.00	1.00	1.71
45.00	1837.00	1.00	1.67
48.00	1838.00	1.00	1.63
51.00	1839.00	1.00	1.59
54.00	1839.00	0.00	1.56
57.00	1839.00	0.00	1.53

ORIGINAL

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1839.00	0.00	1.50
63.00	1839.00	0.00	1.48
66.00	1839.00	0.00	1.45
69.00	1839.00	0.00	1.43

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	92.00	92.00
5.00	93.00	1.00
10.00	93.00	0.00
15.00	94.00	1.00
20.00	95.00	1.00
25.00	96.00	1.00
30.00	97.00	1.00
35.00	98.00	1.00
40.00	99.00	1.00
45.00	101.00	2.00
50.00	103.00	2.00
55.00	105.00	2.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	830.00	830.00	19.33
6.00	1316.00	486.00	10.17
9.00	1637.00	321.00	7.11
12.00	1705.00	68.00	5.58
15.00	1737.00	32.00	4.67
18.00	1763.00	26.00	4.06
21.00	1777.00	14.00	3.62
24.00	1787.00	10.00	3.29
27.00	1795.00	8.00	3.04
30.00	1802.00	7.00	2.83
33.00	1806.00	4.00	2.67
36.00	1810.00	4.00	2.53
39.00	1813.00	3.00	2.41
42.00	1815.00	2.00	2.31

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
45.00	1818.00	3.00	2.22
48.00	1820.00	2.00	2.15
51.00	1821.00	1.00	2.08
54.00	1822.00	1.00	2.02
57.00	1823.00	1.00	1.96
60.00	1824.00	1.00	1.92
63.00	1824.00	0.00	1.87
66.00	1824.00	0.00	1.83
69.00	1824.00	0.00	1.80

W. C. PAYNE
OIL PRODUCER
800 UNITED FOUNDERS TOWER
5900 MOSTELLER DRIVE
OKLAHOMA CITY, OKLAHOMA 73112

ORIGINAL

December 28, 1993

State of Kansas
State Corporation Commission
200 Colorado Derby Building
Wichita, KS 67202

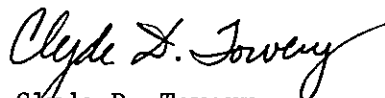
Re: Judy #1
Section 23-34S-9W
Harper Co., Kansas

Dear Sirs:

Enclosed are forms CP-4, ACO-1, Drill Stem testing results, geological report and cementing records on the above referenced well.

If additional information or paperwork is required, please contact me at W. C. Payne's office at 405/843-9419.

Sincerely,


Clyde D. Towery
Engineer

CDT:dc

Enclosures

RECEIVED
STATE CORPORATION COMMISSION

JAN 03 1994

CONSERVATION DIVISION
Wichita, Kansas

TEL:

Dec 23, 93 14:27 No.002 P.01

843-9599

ORIGINAL

TO: Clyde Towery
FROM: Tom Lains

RE: Log tops for #1 Judy

		Subsea elev.
Stalnaker Sd.	3814	(-2518)
Avant Lm.	4082	(-2786)
Mississippian Lm.	4594	(-3298)
Woodford Sh.	4964	(-3668)
Misener Sd.	4986	(-3690)
Viola Lm.	4992	(-3696)

RECEIVED
STATE CORPORATION COMMISSION

JAN 03 1994

CONSERVATION DIVISION
Wichita, Kansas



JOB SUMMIT Y.

HALLIBURTON DIVISION
HALLIBURTON LOCATION

1110 CONFIDENT
FRANKS

BILLED ON TICKET NO.

641740

WELL DATA
FIELD _____ SEC 23 TWP. 34 RNG. 96 COUNTY HAZARD STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	24	8 7/8	KB	305	
LINER						
TUBING						
OPEN HOLE				305	06	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	1	Houco
CENTRALIZERS	1	
BOTTOM PLUG		
TOP PLUG	1	
HEAD	1	
PACKER	1	Marked
OTHER	1	Intertec Filter

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-6 TIME 1700	DATE 12-6 TIME 2000	DATE 12- TIME	DATE 12- TIME

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

PERSONNEL AND SERVICE UNITS			
NAME	UNIT NO. & TYPE	LOCATION	
74221 HICOUSE	140037 A14	25555	
152663 HOUSSER	4410 ELM		
62723 GARNER	4413 BULK		

DEPARTMENT amt

DESCRIPTION OF JOB SET 305 8 7/8

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X K.O. Steind

HALLIBURTON OPERATOR J. McCoy COPIES REQUESTED _____

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	225	F62	40/60	B	270 GEL, 1/2% STC/LC	129	13.97

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 16.85
SHUT-IN INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 51.69
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL. 173

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____

FEET 44.34 REASON Intertec

RECEIVED
STATE CORPORATION COMMISSION
JAN 03 1994
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: W.C. DAVINE
LEASE: JUDY
WELL NO.:
JOB TYPE: 87K5
DATE: 12-6-93



JOB LOG FORM 2013 R-4

DATE 12-6-93 PAGE NO. 1

CUSTOMER W.C. PAUVE WELL NO. 1 LEASE Judy JOB TYPE 8 5/8" TICKET NO. 641740

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							Called out
	2000							down
								ORIGINAL
	2315							BREAK PIPE
	2349	2	-					START MIXING
	0015	5	5169				300	FINISH MIXING
	0015							RELEASE PLUG
	0017	6						START DISC
	0020	2	1605				850	PLUG DOWN
	0020	-						CHECK GOOD CMT ✓
	0021	-						RELEASE HEAD!
								JOB COMPLETE
								THANK YOU
								JAMIE
								BILL

RECEIVED STATE CORPORATION COMMISSION

JAN 03 1994

CONSERVATION DIVISION Wichita, Kansas

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 916-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3644

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	12/14/93	Sec.	33	Twp.	34s	Range	9W	Called Out	2:30 PM	On Location	4:00 PM	Job Start	5:30 PM	Finish	8:00 PM	
Lease	Judy	Well No.	1	Location				ATTICA 8S 1W 5S 1/2W 1/2S	County	Harpur	State	KS				

Contractor	Eagle Drilling	Owner	SAME
Type Job	Rotary Plug	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	7 7/8	T.D.	5940
Csg.	8 5/8 24"	Depth	310
Tbg. Size		Depth	
Drill Pipe	4 1/2 16.60"	Depth	1450
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.	200	Minimum	50
Meas Line		Displace	
Perf.			

Charge To	W. C. Payne
Street	800 United Founders Tower
City	OKLAHOMA CITY State OK 73112
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>Harry Newley 12-A-93</i>
	CEMENT
Amount Ordered	155 SKS 60/40 1490 gal

EQUIPMENT

Pump/No.	239	Cementor	Max Ball
		Helper	JUSTIN HART
Pump/No.		Cementor	
		Helper	
Bulk/No.	259	Driver	John Kelley
Bulk/No.		Driver	

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	

DEPTH of Job

Reference:	1450 FT Pump Charge	
	Mi Mileage	
		Sub Total
		Tax
		Total

Remarks: Plug on Rotary Thru Drill Pipe
Spot Plugs As Follows 35 SKS @ 1450'
35 SKS @ 950' 35 SKS @ 360' 25 SKS @ 60'
15 SKS Rat Hole 10 SKS Mouse Hole

RECEIVED
STATE CORPORATION COMMISSION

JAN 03 1994

ALLIED CEMENTING CO., INC.

CEMENTING LOG

STAGE NO.

CENTRAL

Date 12/14/93 District Med Lodge Ticket No. 3644
 Company W.C. Payne Rig Eagle #1
 Lease 144 Well No. 1
 County Harper State KS
 Location 23-34E 9W Field ATT:ca 8S 1W 5S 4W 3S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 3/8 Type _____ Weight 24 Collar _____

Casing Depths: Top 0 Bottom 310

Drill Pipe: Size 4 1/2 Weight 16.6 Collars _____
 Open Hole: Size 7 1/8 T.D. 5040 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.7015
 Open Hole: Bbls/Lin. ft. 10602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. 1142 Lin. ft./Bbl. 70.3235
 Annulus: Bbls/Lin. ft. 0406 Lin. ft./Bbl. 24.6474
 Bbls/Lin. ft. 0440 Lin. ft./Bbl. 22.7187

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60.40.42 gel
 Amt. 155 Skys Yield 1.40 ft³/sk Density 14.1 PPG

TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 67 gals/sk Tail _____ gals/sk Total 24.75 Bbls

Pump Trucks Used 233-234 Justin Hart
 Bulk Equip. 259-251 John Kelley

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btn. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Max Hall

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
4:00						2 1/2" Rig up
5:31	175			8	5	Pump Hzc Ahead
5:33	200			8.75	5	Mix Cmt 35 sks 6' 1/4" 1/4" D.P. @ 1450
5:35	50			7.75	3	Cmt Mixed Pump Hzc Behind
5:36	100			15.6	5	Start Mud Displacement
5:39						Cmt in Place & Hit Down Pull DP
6:03	100			9	5	Pump Hzc Ahead
6:05	175			8.75	5	Mix Cmt 35 sks 6' 1/4" 1/4" D.P. @ 950
6:07	50			7.75	3	Pump Hzc Behind
6:09	75			8.5	5	Pump Mud Displacement
6:10						Cmt in Place & Hit Down Pull DP
6:30	75			10	5	Pump Hzc Ahead
6:32	100			8.75	5	Mix Cmt 35 sks 6' 1/4" 1/4" D.P. @ 360
6:34	50			3.1	3	Pump Displacement
6:35						Cmt in Place & Hit Down Pull DP
7:45	50			4	3	Mix 25 sks 6' 1/4" 1/4" D.P. @ 60 Circulate To Surface
7:46						Plug Mouse Hole with 10 sk 6' 1/4" 1/4"
7:52						Plug Rat Hole with 15 sks 6' 1/4" 1/4"

RECEIVED
 STATE CORPORATION COMMISSION

JAN 03 1994

CONSERVATION DIVISION
 Wichita, Kansas

BBL

THANK YOU