

ORIGINAL

15-095-21,673 0000

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

Operator: License # 5123

Name: Pickrell Drilling Co. Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, Kansas 67202

Purchaser: Clear Creek - oil
Texaco - Gas

Operator Contact Person: Larry J. Richardson

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Billy G. Klaver

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIDW Temp. Abd.

Gas ENHR SIGU

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 PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

6-12-93 6-21-93 8-11-93

Spud Date Date Reached TD Completion Date

API NO. 15- _____
County Kingman
- NE - SW - SE Sec. 30 Twp. 29S Rge. 6 X ^E _W

990 Feet from S (circle one) Line of Section

1650 Feet from E (circle one) Line of Section

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

Lease Name Maple "K" Well # 1

Field Name Spivey-Grabs-Basil

Producing Formation Mississippian

Elevation: Ground 1503 KB 1508

Total Depth 4240 PBTB _____

Amount of Surface Pipe Set and Cemented at 224' KB Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan ALT 1 11-18-93 DAW
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 400 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name Rice Engineering Corporation

Lease Name Catlin SWDS (Trenton) License No. 5006

NW Quarter Sec. 2 Twp. 30 S Rng. 7 E ^E _W

County Kingman Docket No. D-7122

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 C. W. Sebitts
Title C. W. Sebitts - President Date 9-24-93

Subscribed and sworn to before me this 24th day of September, 19 93.

Notary Public Verdella Lewis

Date Commission Expires 6-06-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
SEP 27 1993
Distribution: KCC SWD/RIS NEPA
 KGS Plug Other
CONSERVATION COMMISSION
Wichita, Kansas



Operator Name Pickrell Drilling Company, Inc. Lease Name Maple "K" Well # 1
 Sec. 30 Twp. 29S Rge. 6 East County Kingman West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3064(-1556)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3294(-1786)	
List All E.Logs Run:		Stark	3711(-2203)	
Dual Induction		Cherokee	3953(-2445)	
Compensated Density		Mississippi	4118(-2610)	
Neutron Log				

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
Surface Casing	12 1/4"	8 5/8"	20#	224'KB	60-40 poz	150	2%gel, 3%CC
Production Csg.	7 7/8"	4 1/2"	10.5#	4239'KB	SSC	125	1/2# FR/sx

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
2	4144-4150		Acid 500 gal. DSFe 15%	
			Frac w/8500# Sd. in 7000 gal.	

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 7/8"	4165			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.			Producing Method					
8-13-93			<input type="checkbox"/> Flowing <input checked="" 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
		30		50		270	1667	

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: _____

PICKRELL DRILLING COMPANY, INC.

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

ORIGINAL

#1 Maple "K"
 NE SW SE
 Sec. 30-29S-6W
 Kingman County, Kansas

API#: 15-095-21,673
 990' From South Line of Section
 1650' From East Line of Section
 ELEV: 1508'KB, 1506'DF, 1503'GL

- 6-11-93: MIRT.
- 6-14-93: (On 6-12) Spud @ 1:40 AM. Set 8 5/8" 20# surface casing @ 224'KB, cmt w/150sx of 60-40 poz, 2% gel, 3% CC. PD @ 8:15 AM on 6-12-93. (On 6-13) Drlg. @ 1278'. (On 6-14) Drlg. @ 2079'.
- 6-15-93: Drlg. @ 2917'.
- 6-16-93: Drlg. @ 3610'.
- 6-17-93: (On 6-16) DST #1 3685'-3761', 30"-60"-30"-30" Rec; 90' muddy wtr w/Trace oil, ISIP 1213', IIP 20-40', FFP 91-91', FSIIP 1182'. (On 6-17) Taking DST #2 3742'-3761'.
- 6-18-93: (On 6-17) DST #2 3742'-3761', 30"-60"-30"-30", Rec; 135' mdy wtr (70% wtr), ISIP 1824', IIP 91'-60', FFP 114'-100', FSIIP 7224'. (On 6-18) Drlg. @ 3998'.
- 6-21-93: (On 6-19) Circ. @ 4159'. DST #3 4121'-3998', 30"-60"-30"-30"-90", CMTS/2" = 2nd Op Gas 5MCF/20", 7.2MCF/30", 7.3MCF/40", 7.5MCF/50", 7.23MCF/60"-60", Rec; 90' VSUCH. (On 6-20) TD 4179'. DST #4 4154'-3998', 30"-60"-30"-30", CMTS/2" = 2nd Op Gas 5.5MCF/20", 3.7MCF/30", 4.5MCF/40", 3.7MCF/50", 3.7MCF/60", 3.7MCF/70", 3.7MCF/80", 3.7MCF/90", 3.7MCF/100", 3.7MCF/110", 3.7MCF/120", 3.7MCF/130", 3.7MCF/140", 3.7MCF/150", 3.7MCF/160", 3.7MCF/170", 3.7MCF/180", 3.7MCF/190", 3.7MCF/200", 3.7MCF/210", 3.7MCF/220", 3.7MCF/230", 3.7MCF/240", 3.7MCF/250", 3.7MCF/260", 3.7MCF/270", 3.7MCF/280", 3.7MCF/290", 3.7MCF/300", 3.7MCF/310", 3.7MCF/320", 3.7MCF/330", 3.7MCF/340", 3.7MCF/350", 3.7MCF/360", 3.7MCF/370", 3.7MCF/380", 3.7MCF/390", 3.7MCF/400", 3.7MCF/410", 3.7MCF/420", 3.7MCF/430", 3.7MCF/440", 3.7MCF/450", 3.7MCF/460", 3.7MCF/470", 3.7MCF/480", 3.7MCF/490", 3.7MCF/500", 3.7MCF/510", 3.7MCF/520", 3.7MCF/530", 3.7MCF/540", 3.7MCF/550", 3.7MCF/560", 3.7MCF/570", 3.7MCF/580", 3.7MCF/590", 3.7MCF/600", 3.7MCF/610", 3.7MCF/620", 3.7MCF/630", 3.7MCF/640", 3.7MCF/650", 3.7MCF/660", 3.7MCF/670", 3.7MCF/680", 3.7MCF/690", 3.7MCF/700", 3.7MCF/710", 3.7MCF/720", 3.7MCF/730", 3.7MCF/740", 3.7MCF/750", 3.7MCF/760", 3.7MCF/770", 3.7MCF/780", 3.7MCF/790", 3.7MCF/800", 3.7MCF/810", 3.7MCF/820", 3.7MCF/830", 3.7MCF/840", 3.7MCF/850", 3.7MCF/860", 3.7MCF/870", 3.7MCF/880", 3.7MCF/890", 3.7MCF/900", 3.7MCF/910", 3.7MCF/920", 3.7MCF/930", 3.7MCF/940", 3.7MCF/950", 3.7MCF/960", 3.7MCF/970", 3.7MCF/980", 3.7MCF/990", 3.7MCF/1000". (On 6-21) RTD 4240'. LFB 4246'. Ran 104 jts. used 4 1/2" 10.5# Csg. set @ 4239'KB, cmt w/125sx SSC w/1/4" FR per sx. Completed @ 5:00 AM on 6-21-93. WOCT.

SAMPLE TOPS

Heebner	3063(-1555)
Lansing	3295(-1787)
Stark	3712(-2204)
Mississippi	4119(-2611)
RTD	4240

ELECTRIC LOG TOPS

Heebner	3064(-1556)
Lansing	3294(-1786)
Stark	3711(-2203)
Mississippi	4118(-2610)
LTD	4240

STATE CORPORATION COMMISSION
4240

SEP 27 1993

CONSERVATION DIVISION
Wichita, Kansas

FORM 1908 P-11 18

WELL NO.—FARM OR LEASE NAME K-1 Maple		COUNTY Kingman	STATE KS	CITY / OFFSHORE LOCATION	DATE 6-21-93
CHARGE TO P.ckwell Drilling		OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		INTRODUCED JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS Pratt		CONTRACTOR Co Big	1 LOCATION Pratt		CODE 2550
CITY, STATE, ZIP		SHIPPED VIA Howco	2 LOCATION Pratt		CODE
WELL TYPE 01		WELL CATEGORY 01	3 LOCATION Pratt		CODE
WELL PERMIT NO. 15-09521029		DELIVERED TO Pratt	REFERRAL LOCATION		
TYPE AND PURPOSE OF JOB 035		ORDER NO. B-136944			

An acknowledgment of the above-stated Customer's agreement to pay Halliburton in accordance with the terms and terms stated in Halliburton's current price list. Payment payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Contractor's account for the last day of the month following the month in which the invoice is dated, Contractor agrees to pay interest thereon (not subject to the 10% late payment penalty) at the rate of 18% per annum, in the event it becomes necessary to notify an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title of the products, supplies and materials and that the same are free from defects in workmanship and material. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED BY THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's remedy in any claim of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is hereby limited to the replacement of such products, supplies or materials in their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items, in no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

INVOICE REFERENCE	SECONDARY OFF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					BY	MEAS	QTY	MEAS		
000-117		1		MILEAGE		56mi			2.75	154.00
001-016		1		Pump		1213.51				1410.00
030-016		1		4" Plug		1'er				45.00

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-136944** RECEIVED STATE CORPORATION COMMISSION

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X CUSTOMER OR HIS AGENT (PLEASE PRINT)
Do [Signature]

X _____

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

M [Signature]
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

SEP 27 1993
SEP 30 1993
WICHITA, KANSAS

HALLIBURTON SERVICES
A Division of Halliburton Company

**AND
TICKET CONTINUATION**

FOR INVOICE AND TICKET NO. **293257**

DATE 09-20-93	CUSTOMER ORDER NO.	WELL NO. AND FARM K-1 MAPLE	COUNTY KINGMAN	STATE KS
CHARGE TO PICKRELL Drilling	OWNER PICKRELL Drilling	CONTRACTOR PICKRELL Drilling	No. B 136944	
MAILING ADDRESS	DELIVERED FROM Pratt KS	LOCATION CODE 25555	PREPARED BY Wm R. Mouser	
CITY & STATE	DELIVERED TO WELLSITE	TRUCK NO. 50808	RECEIVED BY M.C. KENTZEL	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-308	516.0026	1	B	STANDARD CEMENT	125	SK			6.76	845.00
509-968	516.0015	1	B	SALT BLEND 10% w/125	550	16			.13	71.50
507-153	516.0016	1	B	CFR-3 BLEND 25% w/125	29	16			4.55	131.95

Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES
SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET
500-207	1 B SERVICE CHARGE		CU. FEET 133 1.25
500-306	Mileage Charge	12,329	56 332.88
	TOTAL WEIGHT	LOADED MILES	TON MILES
No. B 136944	CARRY FORWARD TO INVOICE		SUB-TOTAL

RECEIVED
STATE DEPARTMENT OF REVENUE
SEP 27 1993
1,497.65

HALLIBURTON SERVICES

WORK ORDER CONTRACT

AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 283257

FORM 1988 R-7 A Division of Halliburton Company

DISTRICT Hays DATE 6-21-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Pickrell Drilling (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. K-1 LEASE maple SECTION 30 TWP. 29 RANGE 6

FIELD _____ COUNTY Kingman STATE Ks OWNED BY Samp

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING				21 1/2	0	4243	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

concent 4 1/2 bag string

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees, THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or result from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer do not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its division subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the product supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials; THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in a cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items; in no event shall Halliburton be liable for special, incidental, indirect punitive or consequential damages.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton if Halliburton's equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing or returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized officer of Halliburton.

RECEIVED STATE CORPORATION COMMISSION SEP 27 1993

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER OR AGENT

SIGNED [Signature] CUSTOMER
 DATE 6-21-93
 TIME 2:30 AM P.M.

CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES

JOB SUMMARY HALLIBURTON LOCATION

Pratt

P.5 BILLED ON TICKET NO. *283257*

WELL DATA

FIELD *30* TWP *29* RANG *2* COUNTY *Kingman* 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			<i>4 1/2"</i>	<i>0</i>	<i>4343</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		<i>Baker</i>
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>6-20</i>	DATE <i>6-21</i>	DATE <i>6-21</i>	DATE <i>6-21</i>
TIME <i>9:00</i>	TIME <i>1:30</i>	TIME <i>4:00</i>	TIME <i>6:30</i>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ CONC. _____ 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 _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>H. Cantel</i>	<i>26114</i>	
<i>Wardlaw</i>	<i>15700</i>	<i>Pratt</i>
<i>Clatis</i>	<i>62732</i>	<i>Pratt</i>

DEPARTMENT *GENERAL*

DESCRIPTION OF JOB *long string*

JOB DONE THRU: TUBING CASING ANNULUS TEG/ANN.

CUSTOMER REPRESENTATIVE *X J. O'Connell*

HALLIBURTON OPERATOR *M. Kasper* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT/SK.	MIXED LBS/GAL
	<i>125</i>	<i>Standa</i>		<i>R</i>	<i>10% salt 25 SPB-3</i>	<i>1.20</i>	<i>15.7</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURSH. BDL-GAL *10* TYPE *water*

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN. BDL-GAL _____ PAD. BDL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT. BDL-GAL _____ DISPL. BDL-GAL *67*

SHUT-IN: INSTANT _____ 8-MIN. _____ 10-MIN. _____ CEMENT SLURRY. BDL-GAL *267*

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME. BDL-GAL *107*

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET *31.63* REASON *Shoe*

RECEIVED STATE CORPORATION COMMISSION
 SEP 27 1993
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER: *Pickrell Oil Mining*
 LEASE: *119011*
 WELL NO.: *K-1*
 JOB TYPE: *long string*
 DATE: *6-21-93*

JOB LOG

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1:30							on location
	4:00							Break out
	4:35							Plug Ret Hole
	4:42		0		1	200		Start 10 Bbl water
	4:44		4		1	200		Start to mix
	4:47		26.7		1	175		Continue mix
								Plug Ret Hole
								Wash out line
								Full p.m. plugs
	4:50		0		1	100		Start Disp
	4:58		6.7		1	900		End plug
	5:01							check flow OK
								Wash up
								Back up
								M-L 4214

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CONSERVATION DIVISION
Wichita, Kansas