

ORIGINAL

K00

JUL 3

RELEASED SIDE ONE

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

APR 25 FROM: CONFIDENTIAL

API NO. 15- 033-20,820-0000 COM

County Comanche East
Approx SE SW Sec. 18 Twp. 34 Rge. 18 West

Operator: License # 3667

660 Ft. North from Southeast Corner of Section

Name: Source Petroleum

3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 200 W. Douglas, Ste: 820

Lease Name STARK Well # A #1

Wichita, KS 67202

Field Name _____

City/State/Zip _____

Producing Formation D&A

Purchaser: N/A

Elevation: Ground 1949 KB 1954

Operator Contact Person: John Howard

Total Depth 6670 PBTD --

Phone (316) 262-7397

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

RECEIVED STATE CORPORATION COMMISSION

Wellsite Geologist: Randy Lilak

Designate Type of Completion
 New Well Re-Entry Workover

JUL 08 1991

Oil SWO Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

CONSERVATION DIVISION
Wichita, Kansas

If OAWD: old well info as follows:

Operator: N/A

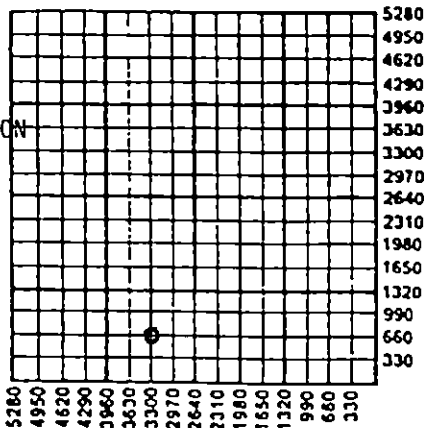
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

5/20/91 6/07/91 6/9/91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 635 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

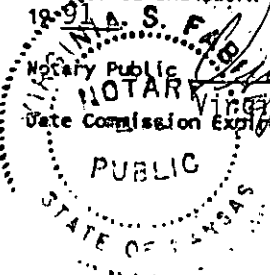
feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Charles Schmidt
Title Production Manager Date 7/3/91

Subscribed and sworn to before me this 3rd day of July,
1991.
Notary Public Virginia S. Fabian
Date Commission Expires August 5, 1991



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

PI

SIDE TWO

ORIGINAL

Operator Name SOURCE PETROLEUM Lease Name STARK Well # A #1
 Sec. 18 Twp. 34 Rge. 18 East West
 County Comanche

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 sheets 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	Formation Description																																							
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No																																								
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																								
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																								
		<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Stone Corral Anhy</td><td>988</td><td>998</td></tr> <tr><td>Chase Group</td><td>2516</td><td>2930</td></tr> <tr><td>Council Grove Group</td><td>2930</td><td>3345</td></tr> <tr><td>Admire Group</td><td>3345</td><td>3461</td></tr> <tr><td>Wabaunsee Group</td><td>3461</td><td>4072</td></tr> <tr><td>Shawnee Group</td><td>4072</td><td>4445</td></tr> <tr><td>Lansing</td><td>4611</td><td>5098</td></tr> <tr><td>Marmaton</td><td>5146</td><td>5284</td></tr> <tr><td>Mississippi</td><td>5384</td><td>6206</td></tr> <tr><td>Viola</td><td>6202</td><td>6400</td></tr> <tr><td>Simpson</td><td>6400</td><td>6545</td></tr> <tr><td>Arbuckle</td><td>6545</td><td>6545</td></tr> </tbody> </table>	Name	Top	Bottom	Stone Corral Anhy	988	998	Chase Group	2516	2930	Council Grove Group	2930	3345	Admire Group	3345	3461	Wabaunsee Group	3461	4072	Shawnee Group	4072	4445	Lansing	4611	5098	Marmaton	5146	5284	Mississippi	5384	6206	Viola	6202	6400	Simpson	6400	6545	Arbuckle	6545	6545
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CASING RECORD New 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
conductor	17.5	13-3/8		96	40/60poz	125	2%gel 3%cc
surface	12-1/4	8-5/8	23#	635	Hal-lite & Stand.	225	2%gel 3%cc
						125	

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

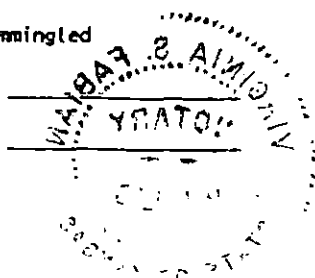
Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

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 Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____



ORIGINAL

SOURCE PETROLEUM Drill Stem Test Data

KCO
JUL 3
RELEASED
AUG 25 1992
FROM CONFIDENTIAL

STARK "A" #1
Appx C SE SW, 18-34S-18W
Comanche County, Kansas

DST #1 5243-5265' - Pawnee
30-60 60-60
1st Open: Off btm of BCKT immed
GTS in 5 min, 194-245 MCF
2nd Open: Off btm of BCKT immed,
gas blowing cont, 245-259 MCF
stabilized @ 259 MCF
Rec: 40' drlg M, 60' MW, chlr
38000
IHP: 2630 FHP: 2532
IFP: 77-88 FFP: 88-100
ISIP: 2015 FSIP: 2004
BHT 128⁰

DST #2 6197-6250' - Viola
15-15 15-15
1st Open: Good surge when tool opened,
died in 5 min, flushed tool, no help
2nd Open: No blow
Rec: 10' M, no show
IHP: 3154 FHP: 3088
IFP: 44-44 FFP: 44-44
ISIP: 55 FSIP: 44
BHT 124⁰

DST #3 6399-6447' - Simpson Dol
20-45 30-60
1st Open: Strong blow off btm of bckt
in 1.5 min, gd blowbk thruout initial
SI
2nd Open: Strong blow off btmo f bckt
in 2 min
Rec: 186' GSSY M, 2170' water,
chl r 40,000
IHP: 3297 FHP: 3242
IFP: 166-753 FFP: 841-1438
ISIP: 2477 FSIP: 2477
BHT 134'

SEE REVERSE SIDE

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STATE CORPORATION COMMISSION

JUL 08 1991

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

DST #4 6479-6670' (rotary) 6475-6666' (log) Simpson/Arbuckle
30-30 45-45

1st Open: Weak bldg to off btm of bckt in 25 min,
No blowback on shut-in

2nd Open: Off btm of bckt in 20 min

Rec: 434' M; 496' MW; chlr 45,000

IHP: 3462 FHP: 3407

IFP: 166-333 FFP: 388-533

ISIP: 2477 FSIP: 2422 BHT 136⁰

DST #5 (Straddle) 5598-5628' (rotary) 5594-5624' (log) Spergen
30-30 30-30

1st Open: Blow of btm of bckt in 3 min, decreasing, slight
blow back

2nd Open: Off btm of bckt in 40 sec

Rec: 3578' gassy M (no gas in pipe), 390' W cut M,
chlr 55,000

IHP: 2945 FHP: 2858

IFP: 940-1753 FFP: 1931-2026

ISIP: 2015 FSIP: 2048

BHP 130⁰

Misrun, btm packer failed



ORIGINAL WORK ORDER CONTRACT

KCC

FORM 1808 R-7

A Division of Halliburton Company

AND PRE-TREATMENT DATA JUL 5

ATTACH TO INVOICE & TICKET NO. 097031

DISTRICT PRATT KS

RELEASED DATE 5-21-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICES TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: SOURCE PETROLEUM (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVING FROM CONFIDENTIAL

WELL NO. A-1 LEASE STARK SEC. _____ TWP. _____ RANGE _____
FIELD _____ COUNTY COMANCHE STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USE?	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		N	48.0	13 7/8	KB	96'	
LINER	COMP.	N	23.0	8 5/8	KB	635'	
TUBING							
OPEN HOLE							
PERFORATIONS			9 3/4				
PERFORATIONS							
PERFORATIONS							

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 640 MUD WEIGHT _____
 BORE HOLE 12 1/4
 INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
 PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

RECEIVED
 STATE COMMISSION
 JUL 08 1991
 CONSERVATION DIVISION
 Wichita, Kansas

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

CENTURY CSC w/ 200 SKS HLC CONTAINING 1/4" FLOCC, AND 125 SKS STAINLESS
CONTAINING 2% GEL, 5% CC
 NOTE: Big HAS lost circulation - will give back 40 SKS STAINLESS CENTURY FOR 1" CENTURY AS
PER INSTRUCTIONS FROM FISHER

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

- a) 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 in 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.
- b) 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:
 1. 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.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. 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 resulting 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's 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 in 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 shall 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 divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) 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 products, 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.
- d) 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 any 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.
- e) 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 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 until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) 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 executive officer of Halliburton.

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

SIGNED Don J. Kern CUSTOMER
DATE 5-21-91

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.

TIME 4:00 P.M.

CUSTOMER

JOB LOG

ORIGINAL

WELL NO. A-1 LEASE 570.1R TICKET NO. 817731
 CUSTOMER Source Petroleum PAGE NO. 100
 JOB TYPE 5 1/2" Intermediate DATE 5-21-91 JUL 3

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	TOTAL
				T	C	TUBING	CASING		
	0510							RELEASED	
	0700							APR 25 1992	
	0840							FROM CONFIDENTIAL	
	0855							Called out Kenny Neal	
	0910							on hole. Set up	
	0930							Big cutting hole - NO RETURNS -	
								Hole made -	
								START OUT w/ DRILL PIPE	
								DRILL PIPE OUT	
								START TO HOLE w/ 8 1/8 CASING	
								CASING TO HOLE - CEMENT BASKET @ 85' +/-	
								DROP BIL -	
								HOOK TO RIG MAN PUMP	
								PUMP BIL THRU HIF	
								FINISH PUMPING	
								HOOK TO HOLE:	
								CEMENT AS FOLLOWS PER INSTRUCTIONS ON	
								WORK ORDER	
	1024	5.0	3.0				200	Pump Head SPACED.	
	1026	5.0	0				200	START MIXING CEMENT (LIFE) 200SKS	
	1041	5.0	45.3				200	FINISH MIXING CEMENT (STANDARD) 85 SKS	
								RELEASE PLUG	
	1043	4.8	0				175	START DISPLACEMENT	
	1050	4.8	38.6				250	PLUG DOWN	
								UNHOOK FROM HEAD & ANNULUS	
								ANNULUS IS DRY - NO FLUID TO BUCKET -	
	1101	2.0	0				100	START MIXING & PUMPING CEMENT (STANDARD)	
	1106	2.0	9.6				100	FINISH MIXING & PUMPING CEMENT (STANDARD)	
								CEMENT TO SURFACE	
								TRUCKS RELEASED	
	11:15							JOB COMPLETE	

THANK YOU
 CHL
 Derry

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 STATE CORPORATION COMMISSION
 JUL 08 1991
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OKM...
RELEASED
BILLED ON TICKET NO. 097731
AUG 7 1999

ORIGINAL

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY _____

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ ROM _____ 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 6610

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	18.0	13 1/8	25	96'	
LINER	N	35.0	8 1/2	72	635'	
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>1 1/2</u>	<u>1</u>	<u>Halliburton</u>
GUIDE SHOE		
CENTRALIZERS <u>5 1/2</u>	<u>1</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>CPI</u>	<u>1</u>	<u>"</u>
HEAD <u>1 1/2</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-21</u>	DATE <u>5-21</u>	DATE <u>5-21</u>	DATE <u>5-21</u>
TIME <u>0510</u>	TIME <u>0800</u>	TIME <u>1021</u>	TIME <u>1145</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Reple</u>	<u>C16510</u>	<u>35716</u>
<u>C. Truchman</u>	<u>E1344</u>	<u>50120 (17)</u>
<u>R. Smith</u>	<u>E0585</u>	<u>BALKR 2652-400</u>

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. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

RECEIVED

STATE CORPORATION COMMISSION

JUL 0-8 1991

CONSERVATION DIVISION
Wichita, Kansas

DEPARTMENT CONSERVATION

DESCRIPTION OF JOB CONSERVATION & W. ESTIMATION 056

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Don J. K...

HALLIBURTON OPERATOR 1/10/99 Di... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS/GAL.
	<u>200</u>	<u>1100</u>	<u>Halliburton B</u>	<u>44</u>	<u>44 & 2000</u>	<u>1.54</u>	<u>136</u>
	<u>115</u>	<u>500-260</u>	<u>Halliburton S</u>	<u>22</u>	<u>22, 650, 3000</u>	<u>1.36</u>	<u>147</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL. 3 TYPE H 10

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 38.6

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 54.8 (117) 30.2 5400/410

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REMARKS SEE TAG 109
THANKS
DMG

FEET 114 REASON API

CUSTOMER: OKM...
LEASE: ...
WELL NO.: 4-1
JOB TYPE: ...
DATE: 5-21-91



HALLIBURTON SERVICES
A Division of Halliburton Company

ORIGINAL WORK ORDER CONTRACT AND PRE-TREATMENT DATA

KCO AUG 25 1992

FORM-1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & (SECRET) NO. 191229

DISTRICT PRATT KS CONFIDENTIAL DATE 5-20-91

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

WELL NO. A-1 LEASE STARK SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY COMANCHE STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT:

FORMATION NAME	TYPE	NEW	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
PRESENT PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
CASING		<u>N</u>	<u>43.0</u>	<u>13 3/8</u>	<u>KS</u>	<u>96</u>	
LINER							
TUBING							
OPEN HOLE							
PERFORATIONS			<u>13 2/8</u>				
PERFORATIONS							
PERFORATIONS							

RECEIVED
STATE CORPORATION COMMISSION
JUL 08 1991
CONSERVATION DIVISION
Wichita, Kansas

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
CEMENT 178 CS 4/ 135 ST 40/60 P20 2-3 600, 3200, 1/2" floccs

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

- a) 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 in 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.
- b) 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:
 1. 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.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. 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 resulting 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's 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 in 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 shall 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 divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) 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 products, 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.
- d) 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 any 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.
- e) 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 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 until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) 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 executive officer of Halliburton.

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

SIGNED [Signature] CUSTOMER
DATE 5-20-91

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.

TIME _____ A.M. / P.M.

CUSTOMER

JOB LOG

WELL NO. 1-1 LEASE 57111K

RELEASED TICKET NO. 297729

CUSTOMER Soule Petroleum

DATE 5-28-91

JOB TYPE 13 3/8 Cement

DATE 5-28-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		FROM CONFIDENTIAL DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1110							Called out Keith - slow
	1350							on loc - SET UP - Rig CUTTING HOLES
	1445							HALE MIX
	1500							START OUT W/ DRILL PIPE
	1515							DRILL PIPE OUT
	1535							START IN W/ 13 3/8 CASING
	1608							CASING TO HOLE
	1614							HOOK TO RIG W/ 1740 PUMP
	1619							BREAK CIRCULATION
	1625							FINISH CIRCULATION
	1629							HOOK TO HOWCO
	1629	5.0	3.0	✓	✓		100	CEMENT AS FOLLOWS:
	1632	5.0	0	✓	✓		200	PUMP A20 SPACER
	1635	5.0	28.2	✓	✓		200	START MIXING CEMENT
	1639	5.0	0	✓	✓		200	FINISH MIXING CEMENT
	1642	5.0	14.0	✓	✓		200	RELEASE PLUG
	1710							START DISPLACEMENT
								PLUG DOWN
								JOB COMPLETE

Thank you
CALL AGAIN
Doug

KCC

JUL 5

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUL 08 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER

WELL DATA

FIELD: _____
 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 _____

ORIGINAL

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	25.6	13 7/8	5' 2"	5' 19 1/2"	
LINER					
TUBING					
OPEN HOLE			FROM CONFIDENTIAL		FACTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	1	Humboldt
HEAD	1	Humboldt
PACKER		
OTHER	1	Humboldt

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-20	DATE 5-20	DATE 5-20	DATE 5-20
TIME 1110	TIME 1350	TIME 1629	TIME 1710

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Bogle	1622	Paris, TX
C. F. ...	1344	Paris, TX
B. Folks	15055	Paris, TX

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API
 DISPL. FLUID _____ DENSITY _____ LB/GAL-API
 PROP. TYPE _____ SIZE _____ LB.
 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. _____ IN
 PERFPAC BALLS TYPE _____ GAL-LB. _____ IN
 OTHER _____

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 08 1991
 CONSERVATION DIVISION
 WICHITA, KANSAS

DEPARTMENT: Production
 DESCRIPTION OF JOB: Production 13 7/8 (Casing)
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE: X. N. ...
 HALLIBURTON OPERATOR: ... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	175	4 1/2" Pz	Humboldt	5	20.66L, 3000, 1/2" Flocc	1.27	14.31

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

VOLUMES
 PRES LUSH: BBL-GAL. _____ TYPE _____
 LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
 TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 14.0
 CEMENT SLURRY: BBL-GAL. 25.2
 TOTAL VOLUME: BBL-GAL. _____
REMARKS
See Job Log
Mark Doug
 JUL 8 1991

CUSTOMER: ...
 LEASE: ...
 WELL NO.: ...
 JOB TYPE: ...
 DATE: 5-20-91