

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

ORIGINAL

API NO. 15- 051-24,688

County Ellis

SW - NW - NE - Sec. 29 Twp. 11 Rge. 19 X E

4260' Feet from S (circle one) Line of Section
~~2270~~
~~200~~ Feet from E (circle one) Line of Section

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

Lease Name Solomon Well # 2.

Field Name _____

Producing Formation _____

Elevation: Ground 2100' KB 2105'

Total Depth 3695' PBDT 3650'

Amount of Surface Pipe Set and Cemented at 211' 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.

Drilling Fluid Management Plan AIR DR
(Data must be collected from the Reserve Pit)

Chloride content 48,000 ppm Fluid volume 375 bbls

Dewatering method used Natural Solids

Location of fluid disposal if hauled offsite: N/A

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

Operator: License # 30110

Name: WESTERN INVESTMENTS, INC.,

Address P.O. BOX 370
Hays, KS 67601

City/State/Zip Hays, KS 67601

Purchaser: _____

Operator Contact Person: Don E. Pratt

Phone (913) 625-3446

Contractor: Name: Western Kansas Drilling, Inc.,

License: 4083

Wellsite Geologist: J.R. Green

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Test (Archie)
 Gas ENHR S16W STATE CORPORATION COMMISSION
 Dry Other (Core, WSW, Expl., Cathodic, etc.)
2-12-1992
FEB 12 1992

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. _____

9-12-90 9-18-90 9-18-90
Spud Date Date Reached TD Completion Date

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 BY Don E. Pratt DON E. PRATT

Title PRESIDENT Date 2-6-92

Subscribed and sworn to before me this 6th day of Feb.

Notary Public - State of Kansas
HELEN UBERT
My Comm. Expires 7-22-93
(HELEN UBERT)

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name WESTERN INVESTMENTS, INC. Lease Name SOLOMON Well # 2.

East

County Ellis

Sec. 29 Twp. 11 Rge. 19 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 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:

Log Formation (Top), Depth and Datum Sample

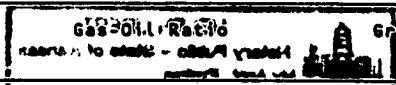
Name Top Datum

NO DRILL STEM TESTS TAKEN.,

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	12 1/2"	8 5/8"	19#	211'	60/40 poz	150 sks	2%gel 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.		

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 _____

15-051-24688-00-00

ORIGINAL

J. R. GREEN
PETROLEUM GEOLOGIST

P. O. BOX 503 - HAYS, KANSAS 67601

913-625-9023

September 19, 1990

GEOLOGIC REPORT

Western Kansas Investments 2-29 Solomon
SW NW NE 29-11-19W.
Ellis County, Kansas
Commenced: 9/12/90
Completed: 9/17/90

Pipe Report:
85/8 @ 211'W/175 sacks
D & A @ 3695'
Anhydrite: 1431-73
Drilled by: Western Ks. Rig 1

Elevation 2102 K. B.
2097 Ground 2099 D.F.

FORMATION DATA

<u>Formation</u>	<u>Minus Data</u>	<u>Depth</u>
Topeka - - - -	-1003 - - - -	3105
Heebner	-1226	3328
Toronto - - - -	-1244 - - - -	3346
Lansing K. C.	-1265	3367
Kansas City Base - -	-1491 - - - -	3593
Conglomerate	-1535	3637
Rotery T.D. - - - -	-1593 - - - -	3695

Well Comparison Data

<u>Location</u>	<u>Anhydrite</u>	<u>Topeka *</u>	<u>Heebner *</u>	<u>K.C. Base *</u>
SW NW NE 29	+671	-1003 1674'	-1226 1897'	-1499 2170'
NE NW NW 29	+645	-1012 1657'	-1231 1876'	-1489 2134'
NE NE NE 29	+668	-1017 1685	-1242 1910'	-1514 2182'
NE NE SW 29	+651	-1015 1666'	-1239 1890'	-1503 2154'
NE SW SW 20	+653	-995 1648'	-1216 1869'	-1477 2130'

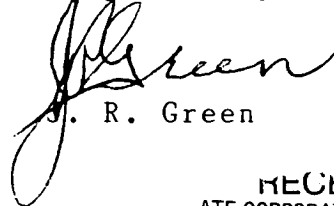
* Interval Anhydrite to Formation in feet.

NOTICE: In comparing structure on formations; the larger the plus data the higher the formation which reverses on the minus data.

In this hole there were a few poor oil shows, none were worth testing. The rapid thickening eliminated any possibilities of commercial production.

Good seismic interpretations will pick up this thinning: gravity meter surveys could pinpoint the granit highs, magnetometry will define magnetic highs, but until the price comes down to operators drilling these shallow holes in Kansas the drill bit will be a cheaper surer way to survey than the cost of the advance technology that is now available in these geophysical tools.

Respectfully submitted,



J. R. Green

RECEIVED
STATE CORPORATION COMMISSION
2-12-1992
FEB 12 1992
CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL



HALLIBURTON SERVICES

15-051-24688-00-00

A Halliburton Company

INVOICE

INVOICE NO.	DATE
363536	09/18/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SOLOMON 2		ELLIS		KS	WESTERN INVESTMENTS	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		WESTERN KS DRUG 1		PLUG TO ABANDON		09/18/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
955480	JIM MAULEY			COMPANY TRUCK		01746

WESTERN INVESTMENTS, INC.
1011 FORT STREET
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	17	MI	2.35	39.95 *
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00 *
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	59.00	59.00
		1	EA		
504-308	STANDARD CEMENT	114	SK	5.45	621.30 *
506-105	POZMIX A	76	SK	2.82	218.88 *
506-121	HALLIBURTON GEL 2%	3	SK	.00	N/C *
507-277	HALLIBURTON GEL BENTONITE	7	SK	13.75	96.25 *
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	25.75	77.25 *
507-210	FLOCELE	40	LB	1.50	60.00 *
500-207	BULK SERVICE CHARGE	219	CFT	1.10	240.90 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	151.54	TMI	.75	113.66 *
INVOICE SUBTOTAL					1,976.84
DISCOUNT-(BID)					316.27
INVOICE BID AMOUNT					1,660.57
*-KANSAS STATE SALES TAX					68.48
*-DECATUR COUNTY SALES TAX					16.11
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,745.16

Handwritten signature and initials

Handwritten number 751114

RECEIVED
LATE CORPORATION COMMISSION
242-1992
FEB 12 1992
CONSERVATION DIVISION
WICHITA, KANSAS

TERMS INVOICES 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 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

A Division of Halliburton Company

FORM 1906 R-11

15-051-24688-00-00

WELL NO. - FARM OR LEASE NAME 2 S. Lawrence		COUNTY Seminole	STATE KS	CITY / OFFSHORE LOCATION	DATE 9-13-90
CHARGE TO Oil Prod. KS Dept.		OWNER S.M.K.	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS 1		CONTRACTOR W. Starnes Co. Dr. Inc.	LOCATION 1 Hays KS		CODE 25525
CITY, STATE, ZIP		SHIPPED VIA 5874	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2	
WELL TYPE	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO N.W. Hays KS	LOCATION 3	
TYPE AND PURPOSE OF JOB OIL		B-595262	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices 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 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 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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-11		1		MILEAGE 5134	23	MI			235	5400
001-11		1		pump charge	211	FT				44000
030-50		1		supply	1EA		3A IN			5900

NOT A CONTRACT

RECEIVED
STATE CORPORATION COMMISSION
2-12-1992
FEB 12 1992

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-595

10567

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X Jim Mark
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X [Signature]
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

[Signature]
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

WICHITA, KANSAS

SUB TOTAL
APPLICABLE TAXES WILL BE ADDED ON INVOICE



BULK MATERIALS DELIVERY

**AND
TICKET CONTINUATION**

FOR INVOICE AND TICKET NO. **878724**

15-051-24688-00-00

ORIGINAL

DATE 9-12-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Sloman #2	COUNTY Ellis	STATE Kansas
CHARGE TO XXXXX Western Kansas Drilling		OWNER Same	CONTRACTOR Co. Tools	No. B 595262
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO N/W Hays, KS	TRUCK NO. 51252	RECEIVED BY <i>Jenny</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				150Cu. Ft. Pozmxi Cement 2% Gel							
504-308	516.00261	1B		Standard Pozmxi 'A'	90				5.45	490	50
506-105	516.00286	1B		Pozmxi 'A'	60				2.88	172	80
506-121	516.00259	1B		3skHalliburton Gel@2%							n/c
509-406	890.50812	1B		Calcium Chloride	4				26.75	103	00

THIS IS NOT AN INVOICE

		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
500-207		1B	SERVICE CHARGE ON MATERIALS RETURNED				
500-306		1B	Mileage Charge	13,520	23	155.480	.75
			TOTAL WEIGHT	LOADED MILES	TON MILES		
No. B 595262		CARRY FORWARD TO INVOICE				SUB-TOTAL	1,056 71

CUSTOMER

15-051-24688-00-00 ORIGINAL

WORK ORDER CONTRACT

AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO.

873724

DISTRICT Hoggs KS DATE 9-12-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: W. J. Tomlin, K&S Drilling (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Solomon SEC. 29 TWP. 11 RANGE 19

FIELD _____ COUNTY Ellis STATE KS OWNED BY Solomon

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	19	8 5/8	KB	211	
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 _____

Comment before csg.

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 lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage, resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
- (h) 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 unit returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (i) 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (j) 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.
- (k) Invoices 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 10th of the following 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 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.
- (l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (m) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made by a duly authorized executive officer of Halliburton.

RECEIVED
STATE CORPORATION COMMISSION
SEP 12 1990
WICHITA KANSAS

SIGNED _____ CUSTOMER

DATE 9-12-90

TIME 2:45 A.M. (P.M.)

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.

WELL DATA

FIELD _____ SEC. 29 TWP. 11 RNG. 17 COUNTY Ellis 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>M</u>	<u>11</u>	<u>3 5/8</u>	<u>KB</u>	<u>211</u>	
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		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>TOP 3 3/4</u>	<u>1</u>	<u>Horus</u>
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-12-90</u>	DATE <u>9-12-90</u>	DATE <u>9-12-90</u>	DATE <u>9-13-90</u>
TIME <u>12:30</u>	TIME <u>19:30</u>	TIME <u>23:00</u>	TIME <u>01:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L. Dinked</u>	<u>Comb</u>	
<u>R. Breen</u>	<u>51374</u>	<u>Hays Ks</u>
	<u>Bulk</u>	
<u>R. Kuba</u>	<u>51252</u>	<u>Hays Ks</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 _____

DEPARTMENT Combit

DESCRIPTION OF JOB Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR L. Dinked COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>60/40</u>	<u>POZ</u>	<u>B</u>	<u>2% Gel, 3% CC</u>	<u>1.27</u>	<u>14.3</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: 13.5 GAL.

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: 33.7 BBL.-GAL.

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

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15 REASON Requested

RECEIVED
 STATE COMMISSION
 2-12-1992
 FEB 12 1992
 CONSERVATION COMMISSION
 WICHITA, KANSAS

JOB LOG

WELL NO. 1 LEASE Soleman TICKET NO. 202724

15-051-24688-00-00 CUSTOMER Western KS ORIGINAL PAGE NO. 1

FORM 2013 R-2 JOB TYPE Surface DATE 7-12-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C.	TUBING	CASING	
1	19:30							on location set up tek + Discu job
	23:00							Rig Dangle, B-Lo
	24:07							ST case
	24:18							CSG at bottom hook up to mix
	24:21	5				100		ST mixing 450 sks cement 2 1/2" 3 1/2" CC
	24:26	5	34 BBL				200	Finish mixing cement
	24:28							Release plug + ST disp
	24:33	2	13.5 BBL				200	Plug down cement did circ.
	24:35							Close in CSG
	01:30							JOB complete
								Thank you! Larry

RECEIVED
STATE CORPORATION COMMISSION

82150 E. Dink
R. B. B...
R. K...
FEB 12 1992
CONSERVATION DIVISION
WICHITA, KANSAS

CUSTOMER