

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

ORIGINAL

API NO. 15- 193-20,579-00-00

Operator: License # 5135

Name: John O. Farmer, Inc.

Address P.O. Box 352

City/State/Zip Russell, KS 67665

Purchaser: _____

Operator Contact Person: Marge Schulte

Phone (913) 483-3144

Contractor: Name: Shields Drilling Co., Inc.

License: 5655

Wellsite Geologist: Martin K. Dubois

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/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. _____

11-21-91 11-27-91
Spud Date Date Reached TD Completion Date

County Thomas
100' South of _____
SE - NW - NE - _____ Sec. 19 Twp. 10S Rge. 31 E
1090 Feet from S(N) (circle one) Line of Section
1650 Feet from E(W) (circle one) Line of Section

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

Lease Name Baalman "B" Well # 1

Field Name (wildcat)

Producing Formation _____

Elevation: Ground 3020' KB 3025'

Total Depth 4340' PBDT _____

Amount of Surface Pipe Set and Cemented at 302 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 I/O
(Data must be collected from the Reserve Pit)

Chloride content 2,500 ppm Fluid volume 1,800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:
(not hauled)

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.

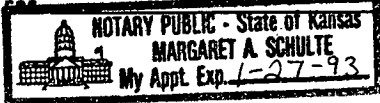
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature John O. Farmer III
Title President Date 12-20-91

Subscribed and sworn to before me this 20th day of December 1991.

Notary Public Margaret A. Schulte
Margaret A. Schulte

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received
RECEIVED
12-23-91
DEC 23 1991
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name John O. Farmer, Inc. Lease Name Baalman "B" Well # 1

County Thomas

Sec. 19 Twp. 10S Rge. 31
 East 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Anhydrite	2572'	(+453)
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base/Anhy.	2602'	(+423)
List All E.Logs Run:		Topeka	3792'	(-767)
		Heebner	4014'	(-989)
		Toronto	4038'	(-1013)
		Lansing	4054'	(-1029)
		Muncie Creek	4180'	(-1155)
		Stark	4268'	(-1243)
		Base/LKC	4328'	(-1303)
		R.T.D.	4340'	(-1315)

* COPY OF SHIELDS DRILLERS LOG ATTACHED.

CASING RECORD <input 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	12-1/4"	8-5/8"	20#	302'	60-40 Pozmix	225	3% C.C., 2%

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

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

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 _____

JOHN O. FARMER, INC.

OIL PRODUCERS AND DRILLING CONTRACTORS

BOX 352

RUSSELL, KANSAS 67665

913-483-3144

December 2, 1991

GEOLOGIC REPORT

John O. Farmer, Inc. #1 Baalman "B"
100' So. of SE NW NE Section 19-10S-31W
Thomas County, Kansas

Daily Progress:

- 11/21 Moved in, rigged up. Spud at 6:15 p.m. and set 8 5/8" surface casing at 302' with 225 sacks 60/40 pozmix, 3% CaCl, 2% gel, plug down at 1:00 a.m.
- 11/22 305', waiting on cement; drilled out beneath surface casing at 1:00 p.m.
- 11/23 2125', drilling
- 11/24 2932', drilling
- 11/25 3465', drilling
- 11/26 3984', drilling
- 11/27 4340', Rotary Total Depth reached at 6:52 a.m.; plugged and abandoned with 25 sacks at 2590', 100 sacks at 1720', 40 sacks at 350', 10 sacks at 40', 15 sacks in rathole, 10 sacks in mousehole, 60/40 pozmix, 6% gel, and 2 sacks celloflake.

Service Companies:

Drilling Contractor: Shields Drilling, Rig No. 2, toolpusher--Burt Beery
Drilling Mud: Unibar
Elevation: Fall and Associates
Cement: Halliburton

Formation Tops: (Sample tops, no E-Log was run)

GL 3020'	KB 3025'	Structural Relation
		Thunderbird #1 Schroeder
		<u>SW SW SW 18-10-31</u>
<u>Formation:</u>		
Anhydrite	2572 (+453)	+3
Base Anhydrite	2602 (+423)	+3
Topeka	3792 (-767)	-2
Heebner	4014 (-989)	-8
Lansing	4054 (-1029)	-3
Muncie Creek	4180 (-1155)	-3
Stark	4268 (-1243)	-2
Base Kansas City	4328 (-1303)	
Rotary Total Depth	4340 (-1315)	

RECEIVED
FlatSTATE CORPORATION COMMISSION

DEC 23 1991

DIVISION

ORIGINAL

Sample Shows (Sample depths):

L-KC E
4128-32 Limestone, white, fine to medium grained, rounded fossil grains, slightly chalky, poor intergranular and pinpoint moldic porosity, slight show of dead oil and show of tarry oil in very scattered vugs.

4136-38 Limestone, light tan, much is fine crystalline, some is fine grained, trace of poor vuggy porosity with show of tarry oil.

L-KC G
4184-90 Limestone, gray-brown, some mottled, mostly fine crystalline, some rounded fossil grains, minor amount is chalky with spotted stain, trace of vuggy porosity with show of free oil in 1% of sample, no odor.

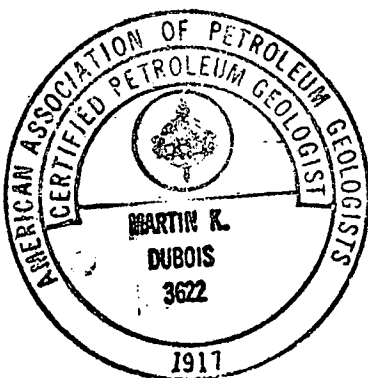
L-KC H
4199-4202 Limestone, white, mostly fine crystalline, fossiliferous, dense; some is medium grained, rounded fossil grains, trace of poor moldic porosity with show of free oil in few pieces per tray, no odor.

L-KC L
4312-16 Limestone, cream to tan, mostly very fine crystalline, slightly fossiliferous, brittle and no show. Trace of very fine grained pellet packstone with poor pinpoint porosity and show of free oil (1-2 pieces per tray).

Summary and Recommendation:

It was recommended that the #1 Baalman "B" well be plugged and abandoned at the Base of Kansas City due to lack of significant shows and its relatively low structural position. The well was originally scheduled to go to the Mississippi.

Several very minor shows were noted in the Lansing-Kansas City but all were in poor porosity and none justified a drill stem test. All potential pay zones were condemned by sample examination and no electric logs were run.



MKD/kb

Respectfully submitted,

JOHN O. FARMER, INC.

 Martin K. Dubois
 Certified Petroleum Geologist

 RECEIVED
 STATE COMMISSION

DEC 23 1991

 REGISTRATION DIVISION
 Wichita, Kansas

JOB LOG

15-193-20579-0000

WELL NO. 21 LEASE 111700
 CUSTOMER John O. Farmer PAGE NO. #1
 JOB TYPE Plug to Abandon DATE 11-27-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
#	07:30							Called out
	10:45							On location / set up truck
	11:00							Run in Plugging stands
	11:25	5	5					Run 5 bbls water ahead of 1 st plug
	11:26	3 1/2	0					mix 25 sks at 2590 ft
	11:27	3 1/2	7					Done mixing
	11:28	2	2					Run 2 bbls water water behind
								Pump 2 bbls mud
	11:32	5	23					1 st plug down
	11:35							Rig lay down drill pipe
	12:05	5	5					Run 5 bbl water ahead of 2 nd plug
	12:06		26					mixed 100 sks and
	12:11	5	26					Done mixing and
								Start displaced
	12:13	6	12					Done w/ displ 2 nd plug down
	12:15							Rig lay down drill pipe
	13:24							Run 3 bbl water ahead of 3 rd plug
	13:25							mixed 40 sks at 350 ft
	13:31	3 1/2	11					Done mixing
	13:30							Displaced 1 bbl - 3 rd plug down
	14:00							Push plug down 40 ft
	14:15	1	2 1/2					10 sks at 40 ft to surface
	14:18	1	3 1/2					15 sks in rat hole
	14:22	1	2 1/2					10 sks in mouse hole
	14:30							Plug down at 2:30 P.M.
								Washed up truck
								Ranched up
								Job complete
								Thank you
								Jul
								T. Hicks = 6140
								B. Crosslink = 8543
								J. Becker 43222
								51145 = P.T.
								3580 B.T.

DEC-23 1991

CUSTOMER

WELL DATA

FIELD _____ SEC 19 TWP. 10 R 1 E COUNTY Thomas 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 4340

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-27-91</u>	DATE <u>11-27-91</u>	DATE <u>11-27-91</u>	DATE <u>11-27-91</u>
TIME <u>07:00</u>	TIME <u>10:45</u>	TIME <u>11:00</u>	TIME _____

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Fuchs</u>	<u>3580</u>	<u>Ness City, Ks</u>
<u>B. Crosswhite</u>	<u>Comb.</u>	<u>Ness City, Ks</u>
<u>J. Backer</u>	<u>3703</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. _____ IN.

PERFAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Comb

DESCRIPTION OF JOB Plug to Abandon

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Buxton Beery

HALLIBURTON OPERATOR Jade Fuchs COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL.
<u>1</u>	<u>200</u>	<u>60/40</u>	<u>Pozmix</u>	<u>B</u>	<u>67.9 gal 1/2 # Flocc</u>	<u>1.53</u>	<u>134</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

PRESLUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 24

CEMENT SLURRY: BBL-GAL 54.5

TOTAL VOLUME: BBL-GAL _____

REMARKS _____

DEC 23 1991

CUSTOMER: John D. Farmer

LEASE: Barbara

WELL NO: #1

JOB TYPE: Plug to Abandon

DATE: 11-27-91

194900

ORIGINAL

DISTRICT Hangsyks

DATE 11-27-91

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: John O Farmer (CUSTOMER)

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

WELL NO: B-201 LEASE Galman SEC 19 TWP 10 RANGE 31

FIELD _____ COUNTY Thomas STATE KS OWNED BY Some

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH 4340 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	<u>h</u>	<u>PTA</u>				
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 _____

PTA w/ 200 sks 60/40 67 and 4" E-Block

25 sks of 2590 10 sks of 40 ft

100 sks of 1730 10 sks of hole

40 sks of 3500 10 sks of hole

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 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 Burton Beery CUSTOMER

DATE 11-27-91

TIME 11:00 () A.M. P.M.

DEC-23-1991

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.

CUSTOMER

JOB LOG

WELL NO. 1 LEASE BALMAN B TICKET NO. 163567
 CUSTOMER JOHN O. FARMER PAGE NO. 1
 JOB TYPE CMT. SURF. CSNG. DATE 11-22-91

ORIGINAL

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T.	C.	TUBING	CASING	
	2000							CALLED OUT
	2215							ON LOC. - Rig DRLg.
	2215							REQUESTED - A.S.A.P.
	2315							Rig STARTING OUT OF HOLE w/ D.P.
	2340							Rig OUT OF HOLE.
	2350							Rig STARTING CSNG.
11-22-91	0030							Rig BROKE CIRCULATION
	0040	5	5		1	200		ST. 5 BBL H ₂ O AHEAD
	0042	5			1	200		ST. 225 SKS OF 60/40 POZ. w/ 2% GEL, 370CC
	0052	5	5/681		1	175		FINISH CMT. - TURN plug LOOSE
	0054	6			1	175		START Displ
	0100	5	18 3/4 gal		1	225		FINISH Displ - plug DOWN.
								CIRCULATED 2 BBL CMT.
								WASH up
								RACK up
	0145							JOB COMPLETE

DEC 23 1991

WELL DATA

FIELD: N.E. OAKLEY, KS SEC: 19 TWP: 10 RNG: 31 COUNTY: Thomas STATE: KS

FORMATION NAME, TYPE, THICKNESS, 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: 305

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING (N 20.0 8 3/4 KB 302), LINER, TUBING, OPEN HOLE (12 3/4 302 305), PERFORATIONS

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Values: DATE 11-21-91, TIME 2000, DATE 11-21-91, TIME 2215, DATE 11-22-91, TIME 0030, DATE 11-22-91, TIME 0145

TOOLS AND ACCESSORIES

Table with columns: TYPE AND SIZE, QTY, MAKE. Rows: FLOAT COLLAR, FLOAT SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG (1A-11 8 5/8 1 HOWCO), HEAD, PACKER, OTHER

PERSONNEL AND SERVICE UNITS

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Rows: G.L. BRYANT (3243), K. LEES (REM), S. DOLAN (4718), BULLTRAK (OBERLIN, KS)

MATERIALS section with various fluid and additive types: TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, NE AGENT TYPE, FLUID LOSS ADD. TYPE, GELLING AGENT TYPE, FRIC. RED. AGENT TYPE, BREAKER TYPE, BLOCKING AGENT TYPE, PERFPAC BALLS TYPE

DEPARTMENT: CMT, DESCRIPTION OF JOB: CMT SURF CSN

JOB DONE THRU: TUBING, CASING, ANNULUS, TBG/ANN. CUSTOMER REPRESENTATIVE: X Burton Beery, HALLIBURTON OPERATOR: G.L. BRYANT, COPIES REQUESTED

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK, MIXED LBS./GAL. Row: 225, 60/40, PUT, B, 27066L, 370 C.C., 1.28, 14.36

PRESSURES IN PSI

SUMMARY

VOLUMES

Summary section with fields: CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, ORDERED, TREATING, FRET, PRES FLUSH, LOAD & BKDN, TREATMENT, CEMENT SLURRY, TOTAL VOLUME, REMARKS

CUSTOMER: JOHN O. FARMER, INC. BAALMAN B. WELLS NO. 1 JOB TYPE: CMT SURF CSN DATE: 11-91

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1808 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 113567

ORIGINAL

DATE 11-21-91

DISTRICT OBERLIN, KS

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: JOHN O. FARMER INC. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO: 1 LEASE BAALMAN B SEC 19 TWP 10 RANGE 31

FIELD COUNTY THOMAS STATE KS OWNED BY JOHN O. FARMER

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

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

CMT SURF CASING w/ 225 SKS OF 60/40 PWT 4270621, 39000

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. b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies... 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... d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials... e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well... f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act... 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 Burton Beery CUSTOMER DATE 11-21-91

DEC 23 1991

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