

SIDE ONE

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

API NO. 15- 097-21303-0000

County Kiowa

SE NW NW Sec. 17 Twp. 27S Rge. 17 X East West

4518' Ft. North from Southeast Corner of Section

4066' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Brady-Seiler Well # 1-17

Field Name Mull, SE

Producing Formation D&A

Elevation: Ground 2138 KB 2147

Total Depth 4800 PRTD -

Operator: License # 30510

Name: SUNRISE OPERATING COMPANY

Address 8150 N Central Expressway #645

City/State/Zip Dallas, TX 75206

Purchaser: N/A

Operator Contact Person: E. H. Bittner

Phone (214) 695-6916

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Steve McClain

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd. Wichita, Kansas

Gas Inj Delayed Comp. Wichita, Kansas

Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows: RCP 6-18-91
Operator: Wichita, Kansas

Well Name: _____

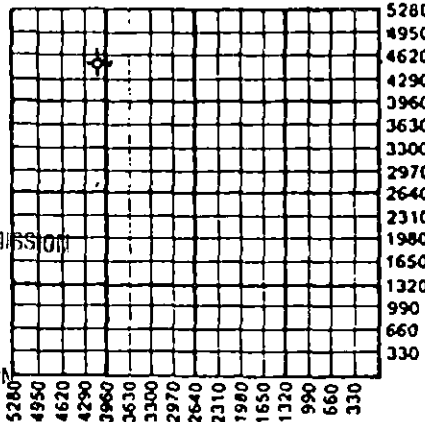
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

1/05/91 1/12/91 1/13/91

Spud Date _____ Date Reached TD _____ Completion Date _____



Handwritten note: A I R D R A

Amount of Surface Pipe Set and Cemented at 399 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.

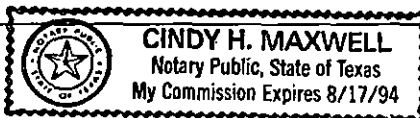
Signature E. H. Bittner

Title President Date 02/06/91

Subscribed and sworn to before me this 31 day of May, 19 91.

Notary Public Cindy H. Maxwell

Date Commission Expires _____



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)

Handwritten note: p1

SIDE TWO

Operator Name SUNRISE OPERATING COMPANY Lease Name Brady-Seiler Well # 1-17
 Sec. 17 Twp. 27S Rge. 17 East West
 County Kiowa

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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom Heebner 3972 Lansing 4132 BKC 4498 Cherokee Shale 4636 Cherokee Sand 4668 Mississippian 4692 Kinderhook Shale 4752 Kinderhook Sand 4764 RTD 4798
Samples Sent to Geological Survey	<input checked="" 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	

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 1/4"	8 5/8"	23	399	64-40 Poz	250	2% gel 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	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 Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

Superior Testers Enterprises, Inc.
 R.R. 3, Box 295B, Great Bend, Kansas, 67530
 (316) 792-6902

ORIGINAL

Date 1 11 91 Location C NW 1/4 17-27 17th Elevation 2144 65 County KIOWA
 Company SUNRISE OPERATING COMPANY Number of Copies 5
 Charts Mailed to 8150 NORTH CENTRAL EXPRESSWAY SUITE 645, DALLAS TEXAS 75206
 Drilling Contractor Sterling Drilling Rip # 2
 Length Drill Pipe 4276 I.D. Drill Pipe 3 80 Tool Joint Size 4 1/2 XH
 Length Weight Pipe - I.D. Weight Pipe - Tool Joint Size -
 Length Drill Collars 427 I.D. Drill Collars 225 Tool Joint Size 4 1/2 XH
 Top Packer Depth 4658 Bottom Packer Depth 4663 Number of Packers Two Packer Size 6 1/2
 TESTED FROM 4663 TO 4215 ANCHOR LENGTH 52 TOTAL DEPTH 4715 Hole Size 7 1/2
 LEASE & WELL NO. BRADY 1-17 FORMATION TESTED MISS TEST NO. 1
 Mud Weight 9.7 Viscosity 62 Water Loss 19.4 Chlorides - Pits 8,000 D.S.T. -
 Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 2366 P.S.I. Final Hydrostatic Pressure (H) 2343 P.S.I.
 Tool Open I.F.P. from 330 m to 400 m 30 min
 Tool Closed I.C.I.P. from 400 m to 500 m 66 min
 Tool Open F.F.P. from 500 m to 545 m 45 min
 Tool Closed F.C.I.P. from 545 m to 215 m 90 min
 Initial Blow STRONG BLOW OFF BOTTOM
 Final Blow STRONG BLOW OFF BOTTOM
 Total Feet Recovered 90' GAS CUT MUD Gravity of Oil _____ Corrected _____

from [B]	<u>77</u>	P.S.I. to [C]	<u>77</u>	P.S.I.
[D]	<u>122 - 199 - 453</u>	P.S.I.		
from [E]	<u>99</u>	P.S.I. to [F]	<u>88</u>	P.S.I.
[G]	<u>199 243 320</u>	P.S.I.		

_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____

Remarks GAS TO SURFACE 45" INTO ISP

Extra Equipment - Jars - Safety Joint - Extra Packer - Straddle - Hook Wall -
 Top Recorder No. 13201 Clock No. 27937 Depth 47 9 Cir. Sub _____ Sampler _____
 Bottom Recorder No. 13214 Clock No. 27441 Depth 47 12 Insurance _____
 Price of Job _____
 Tool Operator PAT STEVENSON
 Approved By _____
NO 11432 WILLIAM HART

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RECEIVED
 STATE CORPORATION COMMISSION

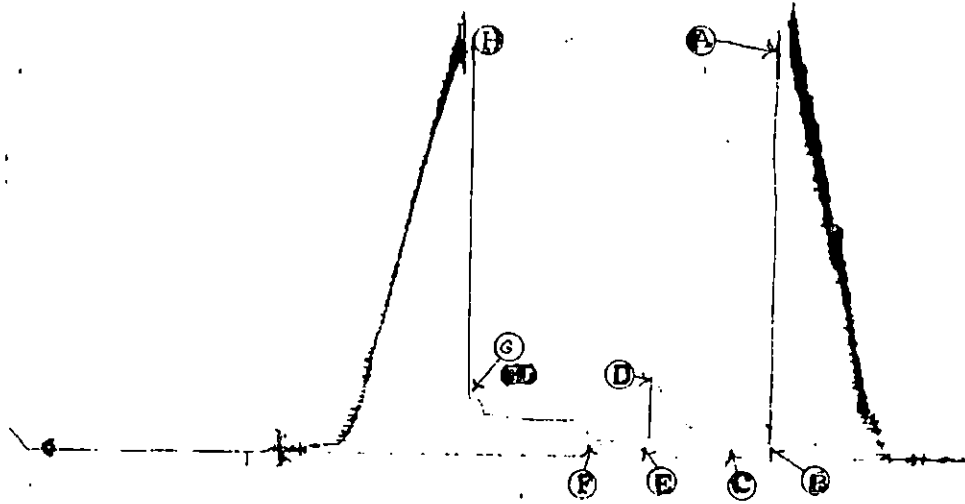
JUN 18 1991

CONSERVATION DIVISION

ORIGINAL

11432

13203



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2366	2353	P.S.I.
(B) First Initial Flow Pressure	77	68	P.S.I.
(C) First Final Flow Pressure	77	69	P.S.I.
(D) Initial Closed-In Pressure	453	443	P.S.I.
(E) Second Initial Flow Pressure	99	85	P.S.I.
(F) Second Final Flow Pressure	88	85	P.S.I.
(G) Final Closed-In Pressure	320	310	P.S.I.
(H) Final Hydrostatic Mud	2343	2350	P.S.I.

RECEIVED
STATE CORPORATION COMMISSION

JUN 18 1991

CONSERVATION DIVISION
Wichita, Kansas

COMPANY Sunrise Operations LEASE - WELL NO Brady #1-17 SEC 17 TWP 27SRGE. 17W TEST NO 1 DATE 1-11-1991

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Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

ORIGINAL

Date 1 12 91 Location 17 225 17^u Elevation 2144^{CS} County KIOWA

Company SUNRISE OPERATION COMPANY Number of Copies 5

Charts Mailed to 8150 North CENTRAL suite 645 Dallas Tx, 75206

Drilling Contractor Starline

Length Drill Pipe 4365 I.D. Drill Pipe 380 Tool Joint Size 4 1/2 X 1 1/2

Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____

Length Drill Collars 427 I.D. Drill Collars 225 Tool Joint Size 4 1/2 X 1 1/2

Top Packer Depth 4702 Bottom Packer Depth 4740-4745 Number of Packers Three Packer Size _____

TESTED FROM 4702 TO 4740 ANCHOR LENGTH 38 TOTAL DEPTH 4800 Hole Size _____

LEASE & WELL NO. BAADy 1-17 FORMATION TESTED MISS TEST NO. 2

Mud Weight 9.3 Viscosity 62 Water Loss 10.4 Chlorides - Pits 800 D.S.T. _____

Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 2299 P.S.I. Final Hydrostatic Pressure (H) 2276 P.S.I.

Tool Open I.F.P. from 630 m to 700 m 30 min

Tool Closed I.C.I.P. from 700 m to 800 m 60 min

Tool Open F.F.P. from 800 m to 845 m 45 min

Tool Closed F.C.I.P. from 845 m to 1015 m 90 min

Initial Blow WEAK Building slowly Bottom 75^u

Final Blow WEAK Building slowly off Bottom 11^u

Total Feet Recovered 240 GAS in pip 130" Gravity of Oil _____ Corrected _____

70 Feet of Slightly GAS CUT MVP 3 % Gas 7 % Oil 87 % Mud 10 % Water

60 Feet of Slightly oil & GAS CUT watery MVP 4 % Gas 3 % Oil 68 % Mud 25 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks Larry Belding 502 E 1st Pratt KS, 67124
Send Invoice to me please

Extra Equipment - Jars N/A Safety Joint - Extra Packer YRS Straddle yes Hook Wall _____

Top Recorder No. 17203 Clock No. 23937 Depth 4728 Cir. Sub _____ Sampler _____

Bottom Recorder No. 13214 Clock No. 22441 Depth 4734 Insurance NA

Price of Job Ther's Records 3857 23717

Tool Operator _____

Approved By _____

No 11433

from [B]	<u>55</u>	P.S.I. to [C]	<u>66</u>	P.S.I.
[D]	<u>1318</u>			P.S.I.
from [E]	<u>99</u>	P.S.I. to [F]	<u>110</u>	P.S.I.
[G]	<u>1252</u>			P.S.I.

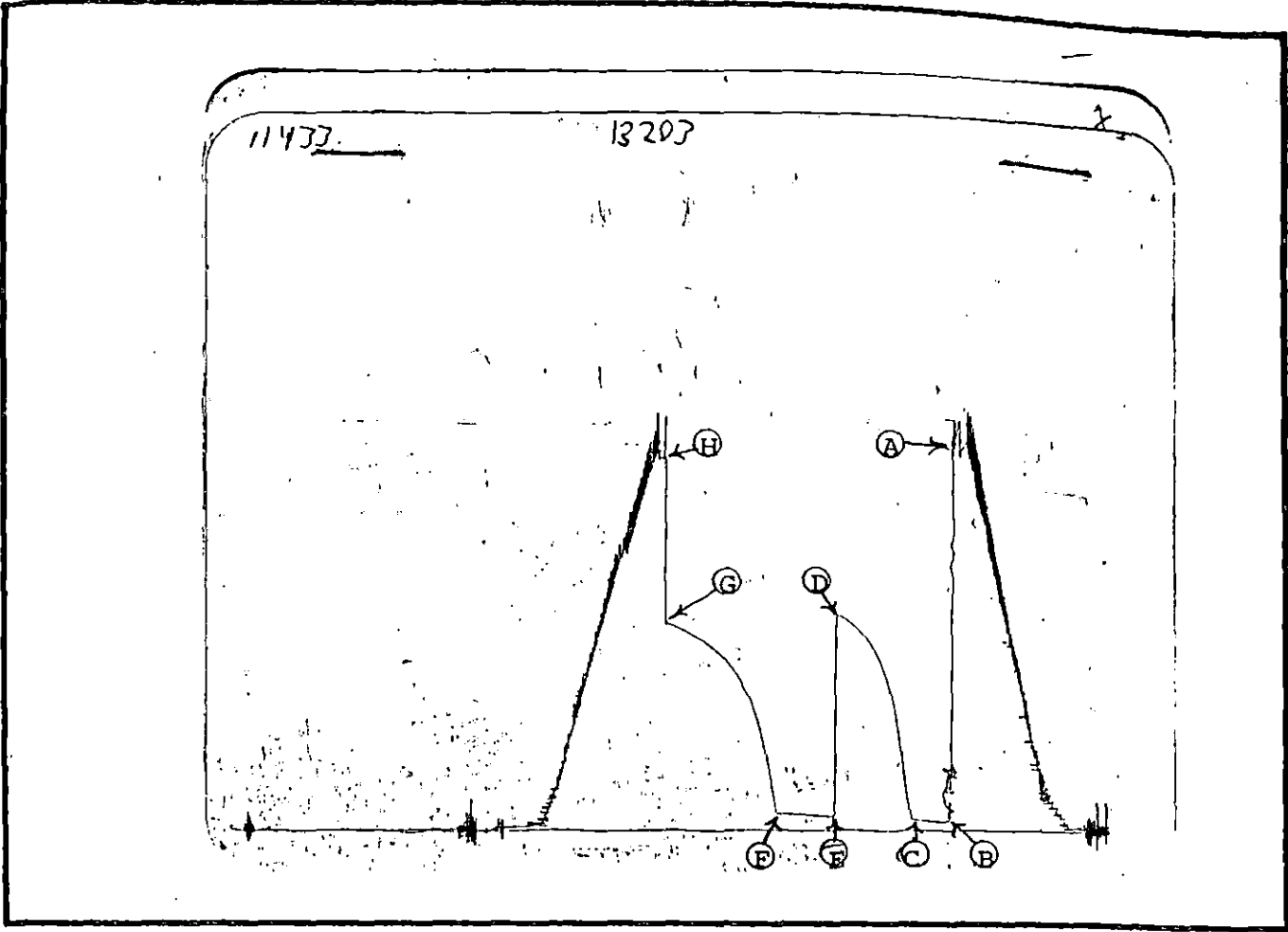
Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnet of the one for whom a test is made, or for any loss suffered sustained, directly or indirectly, through the use of its equipment, or its statements opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

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STATE CORPORATION COMMISSION

JUN 10 1991

ORIGINAL

COMPANY Sunrise Operation LEASE - WELL NO Brady #1-17 SEC 17 TWP 27S RGE. 17W TEST NO. 2 DATE 1-12-1991



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2299</u>	<u>2420</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>52</u>	P.S.I.
(C) First Final Flow Pressure	<u>66</u>	<u>67</u>	P.S.I.
(D) Initial Closed-In Pressure	<u>1318</u>	<u>1313</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>99</u>	<u>90</u>	P.S.I.
(F) Second Final Flow Pressure	<u>110</u>	<u>104</u>	P.S.I.
(G) Final Closed-In Pressure	<u>1252</u>	<u>1258</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2276</u>	<u>2377</u>	P.S.I.

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STATE CORPORATION COMMISSION

JUN 18 1991

CONSERVATION DIVISION
Wichita, Kansas

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STERLING DRILLING COMPANY

BOX 129

STERLING, KANSAS 67579

ORIGINAL

WELL LOG ----- -Brady #1-17
located C W/4, Section 17-T27S-R17W, Kiowa County, Kansas

OWNER: Sunrise Operating Company
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: January 5, 1991
COMPLETED: January 13, 1991

TOTAL DEPTH: 4800'

LOG

0 - 140 Surface soil & sand
140 - 406' Shale
406 - 1092' Shale
1092 - 1110' Anhydride
1110 - 4800' Lime & shale

CASING RECORD

Spud at 9:00 AM 1-5-91. Drilled 406' 12 1/4" hole. Ran 9 joints 8 5/8" 23# new casing. 348.63' pipe set at 399' KB. Cemented with 250 sacks 60/40 Pozmix W/2% gel & 3%cc. Plug down at 6:30 PM 1-5-91 By Howco. Good returns to surface.

Plugged

DEVIATION SURVEYS

4715' - 1°

RECEIVED
STATE CORPORATION COMMISSION

JUN 03 1991

CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES

Duncan, Oklahoma 73538

A Division of Halliburton Company

TICKET

ORIGINAL NO. 091921-5

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>READY #2</i>		COUNTY <i>KLING</i>	STATE <i>KS</i>	CITY / OFFSHORE LOCATION	DATE <i>1-13-91</i>
CHARGE TO <i>SURPRISE OPERATING CO.</i>		OWNER <i>SANISH</i>	TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR <i>STANLEY DILLON</i>	LOCATION <i>1 GREAT ROAD</i>	CODE <i>25540</i>	
CITY, STATE, ZIP		SHIPPED VIA <i>3712</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION <i>2</i>	CODE
WELL TYPE <i>U</i>	WELL CATEGORY <i>OL</i>	WELL PERMIT NO. B- 917690	DELIVERED TO <i>LOCATION</i>	LOCATION <i>3</i>	CODE
TYPE AND PURPOSE OF JOB <i>115</i>		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 when 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		
000-117		1		MILEAGE	30	MI			2.33	70.50
000-118		1		MILEAGE SURCHARGE	30	MI			.70	21.00
090-910		1		PUMP MILEAGE	2	MI			170.00	340.00
030-563		1		5% PUMP (MILEAGE)	1	MI			57.00	57.00

THIS IS AN INVOICE

RECEIVED
STATE COMMISSION
JUN 03 1991
CONSERVATION DIVISION
Tulsa, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 917690**

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 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.
 HALLIBURTON OPERATOR
 HALLIBURTON APPROVAL
 CUSTOMER

1182.97
 SUB TOTAL 1182.97
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.
 199

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

ORIGINAL INVOICE AND TICKET NO. 091921



DATE 1-13-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Brady #1	COUNTY Kiowa	STATE Ks.
CHARGE TO Sunrise Operating		OWNER Sunrise Operating	CONTRACTOR Sterling Drlg. No. B 917690	
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 25520	PREPARED BY S.C. Henry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 2656-6605	RECEIVED BY <i>MR. Bolyard</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				165 40% Pozmix 60% Cement							
504-308	516.00261	2	B	Standard Cement	99	sk			5.35	529.65	
506-105	516.00286	2	B	Pozmix A	66	sk			2.79	184.14	
506-121	516.00259	2	B	3 Halliburton Gel 2% allowed						NC	
507-277	516.00259	2	B	6 Halliburton Gel 4% Add.	6	sk			13.75	82.50	
THIS IS NOT AN INVOICE											
500-307		2	B	Surcharge	225.62				.10	22.56	
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET				
500-207		2	B	SERVICE CHARGE			177	1.10		194.70	
500-306		2	B	Mileage Charge	15,041 TOTAL WEIGHT	30 LOADED MILES	225.62 TON MILES	.75		169.22	
No. B 917690		CARRY FORWARD TO INVOICE					SUB-TOTAL				1182.77

RECEIVED
STATE COMMISSION
JUN 03 1991
CONSERVATION DIVISION
Wichita, Kansas

DISTRICT GREAT BEND DATE 1-13-91

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

WELL NO. 2 LEASE BRADY SEC 17 TWP 27 RANGE 17W

FIELD COUNTY KIOWA STATE KS OWNED BY SAME

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 PREVIOUS TREATMENT DATE TYPE MATERIALS

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

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

JUN 03 1991

CONSERVATION DIVISION Wichita, Kansas

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... c) That because of the uncertainty of variable well conditions... d) That Halliburton warrants only title to the products, supplies and materials... e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment... 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... h) That Halliburton shall not be bound by any changes or modifications in this contract...

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 1-13-91 TIME 8:00 A.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.

CUSTOMER



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OKLA CITY
CREAM BEND ORIGINAL
BILLED ON TICKET NO. 1091921

CUSTOMER: *Wichita Falls*
LEASE: *2111*
WELL NO.: *2*
JOB TYPE: *2111*
DATE: *1/13/91*

WELL DATA

FIELD: _____ SEC: *17* TWP: *27* RNC: *17W* COUNTY: *KIOWA* STATE: *KS*

FORMATION NAME	TYPE	CASING	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	LINER			<i>8 1/2</i>		<i>389</i>	
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD		TUBING						
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD		OPEN HOLE				<i>389</i>		SHOTS/FT.
COMPLETION DATE: _____ MUD TYPE _____ MUD WT. _____		PERFORATIONS						
PACKER TYPE _____ SET AT _____		PERFORATIONS						
BOTTOM HOLE TEMP. _____ PRESSURE _____		PERFORATIONS						
MISC. DATA _____ TOTAL DEPTH _____								

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD <i>JRC. AD</i>	<i>1</i>	<i>Hawco</i>
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>1-13</i>	DATE <i>1-13</i>	DATE <i>1-13</i>	DATE <i>1-13</i>
TIME <i>02:50</i>	TIME <i>05:30</i>	TIME <i>06:15</i>	TIME <i>09:00</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>M. Blumenthal</i>	<i>50248</i>	<i>Danville</i>
<i>C. Blumenthal</i>	<i>85531</i>	<i>321/2 P.</i>
<i>Robert AKE</i>	<i>77215</i>	<i>Bulk</i>
		<i>2050</i>

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		

DEPARTMENT: *Cont.*

DESCRIPTION OF JOB: *P.F.A.*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: *X* *T. M. ...*

HALLIBURTON OPERATOR: *M. R. ...*

COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>115</i>	<i>40 lb. 60 STANDARD</i>	<i>STANDARD</i>	<i>42.600</i>		<i>1.54</i>	<i>13.45</i>

SUMMARY

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

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

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

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL *45.21*

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

TREATING _____ DISPL. _____ OVERALL _____

FEET _____ REASON _____

REMARKS: *RECEIVED STATE CORPORATION COMMISSION*

JUN 3 1991

HALLIBURTON SERVICES
JOB LOG

WELL NO. 2 LEASE BRADY TICKET NO. 091921
 CUSTOMER SUNRISE OPERATING CO. PAGE NO. 1 ORIGINAL
 JOB TYPE P.T.A. DATE 1-13-90

FORM 2015 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							CALLING OUT
	0330							ON LOCATION
								115 GALS 4 1/2" P22. 6 1/2" G4.
	0620		13.91					1 st PLUG 50 GALS @ 1100'
								DISP WITH 12.14 GALS.
	0646		10.99					2 nd PLUG 40 GALS @ 1100'
								DISP WITH 6.14 GALS.
	0650		10.99					3 rd PLUG 40 GALS @ 1100'
								DISP WITH 3.51 GALS.
								SET PLUG 0750
	0750		2.74					4 th PLUG 10 GALS @ 1100'
	0800		4.11					5 th PLUG 15 GALS @ 1100'
	0810		2.74					6 th PLUG 10 GALS @ 1100'
								WASH UP
								RINSE UP
	0906							JOB DONE

THANK YOU
 M. [Signature]
 R. [Signature]
 R. F. [Signature]

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 03 1991
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER