

THIS FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 009-22,426-00-00
County Barber
NW - NW - NE Sec. 18 Twp. 33 Rge. 12 E

Operator: License # 8061

Name: Oil Producers, Inc. of Kansas

Address P.O. Box 8647

City/State/Zip Wichita, KS 67208

Purchaser: enise rondeal

Operator Contact Person: John S. Weir

Phone (316) 681-0231

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: William H. Shepherd

Designate Type of Completion
 New Well Re-Entry Workover

Oil SVD S10W Temp. Abd.
 Gas ENHR S1GW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: RECEIVED

Well Name: _____

Comp. Date _____ Old Total Depth 30 1996

Deepening Re-perf. Conv. to Inj/SVD
 Plug Back CONSERVATION DIVISION
 Commingled Docket No. WICHITA, KS
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

10-20-93 10-27-93 12-5-93

Spud Date _____ Date Reached TD _____ Completion Date _____

4950 Feet from (S)W (circle one) Line of Section

2310 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 Bartholow Well # 2

Field Name Boggs

Producing Formation Mississippi

Elevation: Ground 1637 KB 1646

Total Depth 4605 PBTD 4573

Amount of Surface Pipe Set and Cemented at 246 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 cnt.

Drilling Fluid Management Plan ALT 1 9/21/5-29-96
(Data must be collected from the Reserve Pit)

Chloride content est. 6000 ppm Fluid volume 200 bbls

Dewatering method used evaporation & restoration

Location of fluid disposal if hauled offsite: _____

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 S. Weir

Title John S. Weir, President Date 2/16/94

Subscribed and sworn to before me this 29th day of April 19 96.

Notary Public Diana L. Richecky

Date Commission Expires Jan 12, 2002

DIANA L. RICHECKY
Notary Public - State of Kansas
My Appt. Expires _____

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)

ORIGINAL

SIDE TWO

Operator: Oil Producers, Inc. of Kansas Lease Name: Bartholow Well # 2
 Sec. 18 Twp. 33 Rge. 12 County: Barber

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: Geological, Dual Induction, Compensated Density

Name	Top	Datum
Heebner	3809	(-2163)
Snyderville Sand	3817	(-2171)
Lansing KC	3972	(-2326)
Mississippi	4517	(-2871)
LTD	4602	(-2956)

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
Surface	12 1/2"	8-5/8"	20#	246'	60/40 poz	145	2% gel 3% cd.
Production	7-7/8"	4 1/2"	10.5#	4604'	50/50 poz	125	10% salt 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4505-10	EA 2	100	1/2% Halad-322; 6# Gilsonite

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
1 hole @	4505; 4510; 4515	1500 gals. 15% MCA 35 Balls	4519-32
2	4519-4532	38,000gals 40\$ Thixwater and 46,500# sand	

TUBING RECORD

Size 2 3/8" Set At 4522.98 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SUD or Inj. INITIAL TEST PROD 12/5/93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		175	5		

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: 4519-4532

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3594

Home Office P. O. Box 31

Russell, Kansas 67665

NEW WELL

Date	10-21-93	Sec.	18	Twp.	33S	Range	12W	Called Out	11:30 ^P 10-20-93	On Location	1:00 ^{AM} 10-21-93	Job Start	4:45 ^A	Finish	5:15 ^A
Lease	Bartholomew	Well No.	2	Location	Harvester Section - 3/4 ^W - 1/2 ^{INTO}			County	Barber	State	KANS.				
Contractor	Duke Drilling Rig #5														
Type Job	SURFACE														
Hole Size	12 1/4 x 7 7/8			I.D. 260' - 1498'											
Csg.	8 5/8 24"			Depth 260'											
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	15'			Shoe Joint											
Press Max.	100			Minimum 50											
Meas Line	Displace 15.75 Br-15														
Perf.															

Owner Oil Producers Inc. of Kansas
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Oil Producers Inc. of Kansas
 Street P.O. Box 3647
 City WICHITA State KANSAS 67208

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. [Signature]
 X [Signature]

CEMENT

Amount Ordered 145 sq 69/40 + 2% Gel + 3% CAC 12

Consisting of
 Common
 Poz. Mix
 Gel
 Chloride
 Quickset

Sales Tax

Handling
 Mileage
 Sub Total
 Total

Floating Equipment

EQUIPMENT

Pumptrk	No.	Cementor	272	NEAL R.
	265	Helper		CARL B.
Pumptrk	No.	Cementor		
		Helper		
		Driver		MARK B.
Bulktrk	227	Driver		

DEPTH of Job	260'
Reference:	1 8 5/8 WOODEN (SURFACE)
	Sub Total
	Tax
	Total

Remarks:
CEMENT DID CIRCULATE!



CEMENTING LOG

STAGE NO.

7 ORIGINAL

Date 10-21-93 District MO. LODGE Ticket No. 3594
 Company O.P. Bradburns Inc. of Kans Rig DUKE #5
 Lease BARTHOLOW Well No. 2
 County 281 HAROLD Street Shawnee State KANS
 Location 18-335-12W Field _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type NEW Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 145 Sks Yield 1.24 ft³/sk Density 14.8 PPG

Casing Depths: Top _____ Bottom 260

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Drill Pipe: Size _____ Weight _____ Collars _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 5.6 gals/sk Tail _____ gals/sk Total 19.0 Bbls.

Open Hole: Size 12 1/2 T.D. 1498 ft. P.B. to _____ ft.

Pump Trucks Used 265 CARL B
 Bulk Equip. 227 MARK B.

CAPACITY FACTORS:

Casing: Bbbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.70
 Open Holes: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbls/Lin. ft. 0.735 Lin. ft./Bbl. 13.6037
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type OPEN END Depth 260'
 Float: Type 15' CEMENT IN PIPE Depth 245'
 Centralizers: Quantity _____ Plugs Top WOODEN Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 15.75 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Joe Livingston

CEMENTER Neal Rupp

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
						ARRIVED ON LOC. 1:00A / Rig up
						KAN 8 5/8 24# CASING TO 260'
						BREAK CIRCULATION / Rig Pump
						CIRCULATE
5:00	50				3	START FRESH H ₂ O PAD
	100			5.0	4	PAD IN START CEMENT
5:10			37.0	32.0		CEMENT IN / SHUT DOWN
						RELEASE PLUG - SWITCH VALVES
	50			2	1	START DISP.
	100		13	11	3	TNC RATE
	100		15.75	2.75		CEMENT TO SURFACE
5:15	0					PLUG DOWN / SHUT IN
						RELEASE PST
						CEMENT DID CIRCULATE!

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

THANK YOU WR

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
641701	10/27/1993

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
RTHOLOW 2	BARBER	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
RTT	DUKE DRILLING #5	CEMENT PRODUCTION CASING	10/27/1993		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
6989	BRAD SIROKY			COMPANY TRUCK	58607

OIL PRODUCERS INC. OF KANSAS
BOX 8647
WICHITA, KS 67208

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
00-117	ICING AREA - MID CONTINENT MILEAGE CEMENTING ROUND TRIP	12 MI		2.75	33.00
01-016	CEMENTING CASING	4604 FT		1,635.00	1,635.00
2A	GUIDE SHOE - 4 1/2" ORD THD.	1 EA		95.00	95.00
825.201		1 UNT			
18-317	SUPER FLUSH	12 SK		100.00	1,200.00
20	CEMENT BASKET-4-1/2 X 7-7/8	1 EA		105.00	105.00
806.70020					
93	3-WIPER L-B FLUG - 4 1/2"	1 EA		159.00	159.00
301.0373					
94	4 1/2" LATCH DOWN BAFFLE	1 EA		100.00	100.00
301.03734					
0	CENTRALIZER 4-1/2 X 7 7/8	4 EA		43.00	172.00
807.93004					
45-050	COMPUPAC SYSTEM W/HALLIBURTON	1 JOB		600.00	N/C
		1 DAY			
04-130	CEMENT - 50/50 POZMIX STANDARD	125 SK		5.35	668.75
08-291	GILSONITE BULK	625 LB		.40	250.00
09-968	SALT	650 LB		.13	84.50
07-775	HALAD-322	50 LB		6.90	345.00
09-968	SALT	250 LB		.13	32.50
00-207	BULK SERVICE CHARGE	152 CFT		1.35	205.20
00-306	MILEAGE CNTG MAT DEL OR RETURN	71.49 TMI		.95	75.00MN
INVOICE SUBTOTAL					5,159.95
DISCOUNT - (BID)					928.78
INVOICE BID AMOUNT					4,231.17
*-KANSAS STATE SALES TAX					87.40
***** CONTINUED ON NEXT PAGE *****					

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
641701	10/27/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BARTHOLOW 2		BARBER		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING #5	CEMENT PRODUCTION CASINO		10/27/1993	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
45989	BRAD SIROKY			COMPANY TRUCK	58607

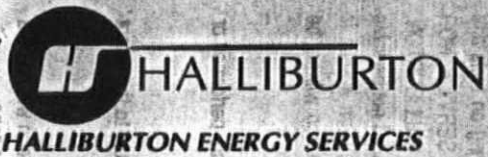
OIL PRODUCERS INC. OF KANSAS
 BOX 8647
 WICHITA, KS 67208

DIRECT CORRESPONDENCE TO:
 OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2000
 OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	PRATT COUNTY SALES TAX				17.83
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,336.40

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 30 1996
 CONSERVATION DIVISION
 WICHITA, KS

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



CHARGE TO:
OIL PRODUCERS

ADDRESS

CITY, STATE, ZIP CODE

COPY

TICKET

No.

641701 - 5

FORM 1906 R-13

SERVICE LOCATIONS 1. PRATT KS	WELL/PROJECT NO. 2	LEASE BARINGLOW	COUNTY/PARISH BARBER	STATE KS	CITY/OFFSHORE LOCATION 25555	DATE 10-27-93	OWNER SAME
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DUKE DRUG	RIG NAME/NO. DUKE DRUG'S	SHIPPED VIA WELL SITE	DELIVERED TO	ORDER NO.
3.	WELL TYPE OIL/OIL	WELL CATEGORY 21 Development	JOB PURPOSE 035' 5/8 LONG STRING	WELL PERMIT NO. 15007224260000	WELL LOCATION LAND		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		/			MILEAGE	12		mi		2.75	33.00
001-016		/			PUMP CHARGE	4604		FT		16.35	1635.00
121	825-201	/			REG GUIDE SHOE	1		EA	4 1/2 IN	95.00	95.00
018-318		/			SUPER FLUSH	12		BBS	12 SKS	100.00	1200.00
326	806-70020	/			BASKET	1		EA	4 1/2 IN	105.00	105.00
593	801-0328	/			LATCH DOWN PLUG	1		EA	4 1/2 IN	159.00	159.00
594	801-03734	/			LATCH DOWN BUFFER	1		EA	4 1/2 IN	100.00	100.00
40	807-93009	/			5"4 CENTRALIZER	4		EA	4 1/2 IN	43.00	172.00
045-050		/			COMPU PAC					1000	NC

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE

X *[Signature]*
DATE SIGNED: **10-27-93**
TIME SIGNED: **0130**

SUB SURFACE SAFETY VALVE WAS:

PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 YES NO

WE UNDERSTOOD AND MET YOUR NEEDS?
 YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 YES NO

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL

FROM CONTINUATION PAGE(S)

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ticket

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP #

HALLIBURTON APPROVAL

Brad Sikora

X *[Signature]*

John Woodrow

62573

[Signature]



HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

TICKET No. 641701

CUSTOMER OIL PRODUCERS OF KS INC	WELL 2 BARTHOLOW	DATE 10-27-93	PAGE 2	OF 2
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FORM 1911 R-8

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
504-130		1				50/50 POZMIX W2% GEL	125	sk			5 85	668 75
508-291	516.00337	1				GILSONITE BLENDED 5#	625	lb			40	250 00
509-968	516.00158	1				SALT BLENDED 10%	650	lb			13	84 50
507-775	516.00144	1				HALAD-322 BLENDED .5%	50	lb			6 90	345 00
509-968	516.00158	1				SALT NOT MIXED	250	lb			13	32 50
<p>ORIGINAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION APR 30 1996 CONSERVATION DIVISION WICHITA KS</p>												
500-207						SERVICE CHARGE	CUBIC FEET		152		1 35	205 20
500-306						MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	71.49 MINIMUM DEL	95	75 00

CONTINUATION TOTAL

11667.45



JOB SUMMARY

HALLIBURTON DIVISION MID CONTINENT
 HALLIBURTON LOCATION PRATT, KS

BILLED ON TICKET NO. 641701

WELL DATA

FIELD _____ SEC 18 TWP 33S RNG 12W COUNTY BARBORN 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 4605

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>105</u>	<u>4 1/2</u>	<u>KB</u>	<u>4605</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 <u>REG</u> <u>4 1/2</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS <u>S-4</u> <u>4 1/2</u>	<u>4</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>LATCH DOWN</u> <u>4 1/2</u>	<u>1</u>	<u>"</u>
HEAD <u>PIC</u> <u>4 1/2</u>	<u>1</u>	<u>"</u>
PACKER <u>BASKET</u> <u>4 1/2</u>	<u>1</u>	<u>"</u>
OTHER <u>LATCH DOWN BAFFLE</u> <u>4 1/2</u>	<u>1</u>	<u>"</u>

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-26-93</u>	DATE <u>10-27-93</u>	DATE <u>10-27-93</u>	DATE <u>10-27-93</u>
TIME <u>2:20</u>	TIME <u>6:20</u>	TIME <u>09:00</u>	TIME <u>04:45</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u> <u>62573</u>	<u>PIU</u> <u>37537</u>	<u>PRATT</u> <u>KS</u>
<u>M. Bolyard</u> <u>50848</u>	<u>51936</u>	<u>"</u>
<u>K. Dufort</u> <u>86660</u>	<u>RCN UNIT</u> <u>50808</u> <u>BULIC</u>	<u>"</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 CEMENT
 DESCRIPTION OF JOB CEMENT 4 1/2" LONG STRING
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X [Signature]
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>50/50P02</u>	<u>MARCON</u>	<u>B</u>	<u>29 CIL, 10P SAG, 59 ANCH-322</u> <u>5' GIBSONITE</u>	<u>1.40</u>	<u>113.40</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 FEET 30 REASON LATCH DOWN BAFFLE

SUMMARY

VOLUMES SALT
 PRESLUSH: BBL -GAL 20 TYPE SUPER FLOSH
 LOAD & BKDN: BBL -GAL _____ PAD: BBL -GAL _____
 TREATMENT: BBL -GAL _____ DISPL: BBL -GAL 72.7
 CEMENT SLURRY: BBL -GAL 31.6
 TOTAL VOLUME: BBL -GAL _____

REMARKS

CUSTOMER OIL PRODUCERS
 LEASE BARBORN
 WELL NO. 2
 JOB TYPE 4 1/2" LONG STRING
 DATE 10-27-93

JOB LOG FORM 2013 R-4

 CUSTOMER: Oil Producers
 WELL NO.: 2
 LEASE: BARTMLOW
 JOB TYPE: 4" LONG STRING
 TICKET NO.: 641701

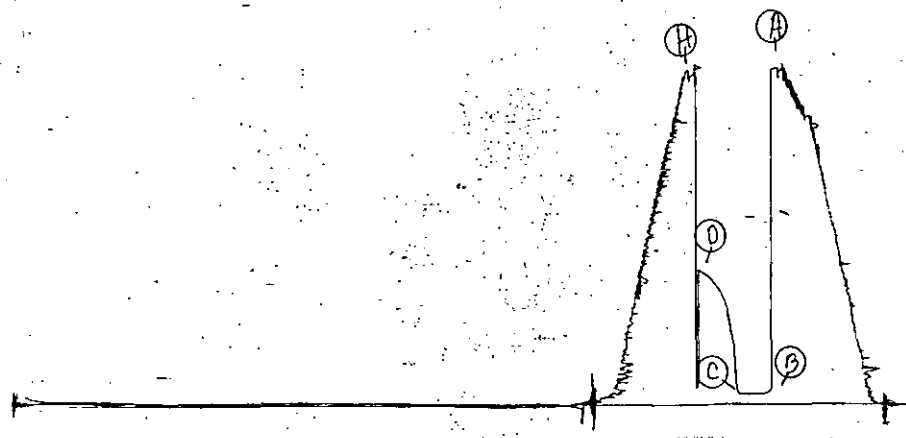
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0130				✓			JOB READY
	0200							CALLED OUT FOR JOB
	0120							PUMP TRUCK + BULK TRUCK ON LOCATION
								RIG READY TO RUN CSC
								START RUNNING 4" CSC + FIT EQUIP CASING ON BOTTOM 4604'
								HOOK UP PIC (CIRCULATING TROW)
	0325							START CIRCULATING WITH PIC PUMP THROUGH CIRCULATING
								HOOK UP TO PUMP TRUCK
	0350	6.0	20.0		✓		3500	pump 20 BBL'S SALT FLUSH
		6.0	5		✓		380	pump 5 BBL'S FRESH WATER
		6.0	12		✓		2500	pump 12 BBL'S SUPER FLUSH
	0	6.0	5		✓			pump 5 BBL'S FRESH WATER SPINER SHUT DOWN
								PLUG R-11 + M-11
								HOOK BACK UP TO 4" CSC
		6.0						START MIXING CEMENT THROUGH MIXING CEMENT
								SHUT DOWN
								RELEASE PLUG
								WASH OUT PUMP + LINES
								START DISPLACING
	0445		745		✓		900	PLUG DOWN
								RELEASE FLOAT
								FLOAT HEAD

ORIGINAL

 RECEIVED
 APR 30 1996
 CONSERVATION DIVISION
 WICHITA, KS

DST #1 RSC # 11018

TK# 20106
I



Inside Recorder

DST #1 RSC # 19629

TK# 20106
O



Outside Recorder

ORIGINAL

FORMATION

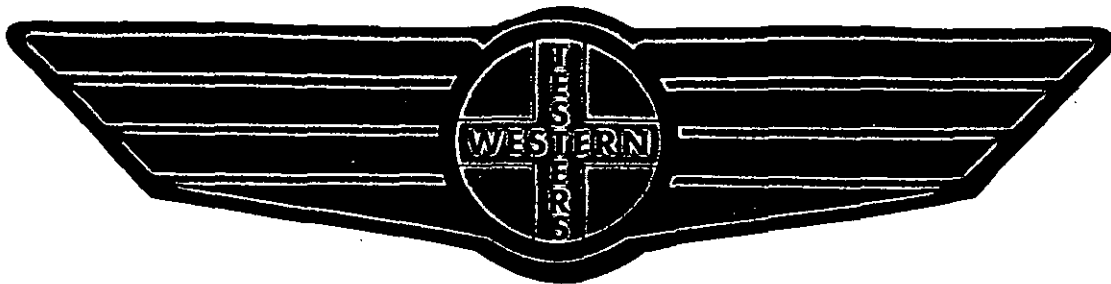
TEST

REPORT

RECEIVED
KANSAS CONSERVATION COMMISSION

APR 30 1996

CONSERVATION DIVISION
WICHITA, KS



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-80-688-7021

COMPANY OIL PRODUCERS INC, OF KS LEASE & WELL NO. #2 BARTHOLOM SEC. 18 TWP. 33S RGE. 12W TEST NO. 1 DATE 10/24/93

15-007-22426

DST REPORT

GENERAL INFORMATION

DATE : 10-29-93
CUSTOMER : OIL PRODUCERS INC. OF KS.
WELL : #2 TEST: 1
ELEVATION:
SECTION : 18
RANGE : 12W COUNTY: BARBER
GAUGE SN#: 11018 RANGE : 4425
TICKET : 20106
LEASE : BARTHOLOW
GEOLOGIST: BILL SHEPHARD
FORMATION: BARBER
TOWNSHIP : 33S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3789.00 ft TO: 3840.00 ft TVD: 3840.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3792.0 ft 3837.0 ft
TEMPERATURE: 120.0
DRILL COLLAR LENGTH: 0.0 ft I.D.: 0.000 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 3769.0 ft I.D.: 2.650 in
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 51.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 3784.0 ft SIZE: 6.630 in
PACKER DEPTH: 3789.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : DUKE #5
MUD TYPE : CHEMICAL VISCOSITY : 47.00 cp
WEIGHT : 9.300 ppg WATER LOSS: 10.400 cc
CHLORIDES : 4300 ppm
JARS-MAKE : NO SERIAL NUMBER:
DID WELL FLOW?: NO REVERSED OUT?: NO

COMMENTS

Comment

STRONG BLOW OFF BOTTOM OF BUCKET IN 17 MINUTES ON
INITIAL FLOW PERIOD. WEAK BLOW ON FINAL FLOW
PERIOD.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
50.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME: 0.0000 STB	TOTAL FLOW TIME: 30.0000 min.
GAS VOLUME: 0.0000 SCF	AVERAGE OIL RATE: 0.0000 STB/D
MUD VOLUME: 0.3411 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 0.3411 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1867.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	46.00	49.00
INITIAL SHUT-IN	30.00		765.00
FINAL FLOW	3.00	77.00	77.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 1849.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1890.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	87.00	64.00
INITIAL SHUT-IN	30.00		768.00
FINAL FLOW	5.00	93.00	93.00

FINAL HYDROSTATIC PRESSURE: 1863.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10-29-93	TICKET : 20106
CUSTOMER : OIL PRODUCERS INC. OF KS.	LEASE : BARTHOLOW
WELL : #2 TEST: 1	GEOLOGIST: BILL SHEPHARD
ELEVATION:	FORMATION: BARBER
SECTION : 18	TOWNSHIP : 33S
RANGE : 12W COUNTY: BARBER	STATE : KS
GAUGE SN#: 11018 RANGE : 4425	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	87.00	87.00
5.00	73.00	-14.00
10.00	64.00	-9.00
15.00	64.00	0.00
20.00	64.00	0.00
25.00	64.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	247.00	247.00	0.00
6.00	433.00	186.00	0.00
9.00	558.00	125.00	0.00
12.00	619.00	61.00	0.00
15.00	659.00	40.00	0.00
18.00	686.00	27.00	0.00
21.00	719.00	33.00	0.00
24.00	741.00	22.00	0.00
27.00	754.00	13.00	0.00
30.00	768.00	14.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	93.00	93.00
5.00	93.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN

Time
(min)

Pressure

Delta P

Horner T

No Data Entered