

ORIGINAL

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

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: FARMLAND INDUSTRIES

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist: WILLIAM SHEPHERD

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: Sho-Bar Energy, Inc.

Well Name: Carothers 1-11

Comp. Date 2/6/86 Old Total Depth 4825

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

06/03/96 06/10/96 06/28/96
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21,306 0000

County HARPER

SE - SW - SW Sec. 11 Twp. 33 Rge. 6 E W

330 Feet from S/N (circle one) Line of Section

4290 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 WOLFF B Well # 1

Field Name _____

Producing Formation MISSISSIPPI DOLOMITE

Elevation: Ground 1292 KB 1300

Total Depth 4550' PBTD 4515

Amount of Surface Pipe Set and Cemented at 264

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 ALT 1 JTW 2.25.98
(Data must be collected from the Reserve Pit)

Chloride content 16875 ppm Fluid volume 500 bbls

Dewatering method used: Evaporation and allow to dry restore area to near normal
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 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 John S. Weir

Title President Date 2/28/97

Subscribed and sworn to before me this 28th of February, 19 97.

Notary Public Diana L. Richecky

Date Commission Expires Jan 12, 2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

Form ACO-1 (7-91)



02-03-1997

RECEIVED
KANSAS CORP COMM
MAR -3 P 1:53 1997

SIDE TWO

Operator Name Oil Producers, Inc. of Kansas Lease Name WOLFF B Well # 1
 Sec. 11 Twp. 33S Rge. 6 East County HARPER West

ORIGINAL

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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	Heebner	3412'	-1842'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Iatan	3493'	-2193'
(Submit Copy)		Kansas City	3741'	-2441'
List All E.Logs Run:	Geological Log, Compensated	Mississippi	4360'	-3060'
	Density Neutron Log, Dual	LTD	4548'	-3248'
	Induction Log			

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	264	60/40 Poz	180	3% cc, 2% gel
PRODUCTION		5 1/2"	15.5	4549	50/50 SCAV.	140	
					EA-2	100	W/gas stop

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
4 shots	see attached completion report		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4402.70	NONE		
Date of First, Resumed Production, SWD or Inj.	Producing Method	Flowing	Pumping	Gas Lift	Other (Explain)	
7/18/96						
Estimated Production	Oil	Bbls.	Gas	Mcf	Water	Bbls.
			115			
					Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

4362-4365'
4370-4373'
4380-4386'
4423-4426'

CUSTOMER COPY



HALLIBURTON ORIGINAL

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

INVOICE

INVOICE NO.	DATE
968343	06/03/199

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
WOLFF "B" 1	HARPER	KS	SAHE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	DUKE DRILLING #2	CEMENT SURFACE CASING	06/03/199
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
646989	JOHN J ARMHRUSTER		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	0899

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROY
1318 E. FIRST STREET
PRATT, KS 67124

P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	146	MI	2.85	416.10
		1	UNT		
001-016	CEMENTING CASING	264	FT	585.00	585.00
		1	UNT		
030-503	TOP WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZHIX STANDARD	180	SK	7.90	1,422.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	36.75	183.75
500-207	BULK SERVICE CHARGE	190	CFT	1.35	256.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	574.802	TMI	.95	546.06
INVOICE SUBTOTAL					3,504.41
DISCOUNT - (BID)					1,296.61
INVOICE BID AMOUNT					2,207.80
*- KANSAS STATE SALES TAX					77.28
*- PRATT COUNTY SALES TAX					15.78
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,300.86

*WOLFF B #1
OPEN
CEMENT SURFACE*

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



HALLIBURTON ENERGY SERVICES

HAL-1906-N

37

CHARGE TO:
OIL PRODUCERS OF KS, INC.
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

968343 - 2

PAGE 1 OF 2

1. SERVICE LOCATIONS WOLF # 25555	WELL/PROJECT NO. #1	LEASE WOLFF "B"	COUNTY/PARISH HARPER	STATE KS	CITY/OFFSHORE LOCATION	DATE 6-3-96	OWNER S.H.M.C.
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	INITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DUKE DRILL	RIG NAME/NO. #2	SHIPPED VIA P.T.	DELIVERED TO WELL SITE	ORDER NO.	
3. WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010 UNIT SURF 156	WELL PERMIT NO.	WELL LOCATION LAWD 11-335-6W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS APR # 15077213060000						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	UNIT PRICE	AMOUNT
000-117			MILEAGE 1 UNIT R.T.	146	miles	2.89	416.14
001-016			PUMP (HARPER)	6	hrs	97.50	585.00
030-503			TOP PLUG 2" (2-1) WOOD	1	ea	95.00	95.00
ORIGINAL							

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **6-3-96** TIME SIGNED: **1545**

do do not require IPC (Instrument Protection). Not offered

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 AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: **1096.14**
 SUB-TOTAL: **2408.30**
 APPLICABLE TAXES WILL BE ADDED ON INVOICE: **3504.41**

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): **JOHN J. ARMBRUSTER**
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X [Signature]**
 HALLIBURTON OPERATOR/ENGINEER: **KEVIN P. GONZALES**
 EMP #: **08500**
 HALLIBURTON APPROVAL: **[Signature]**



JOB LOG HAL-2013-C

CUSTOMER: OIL PROD OF AS INC. WELL NO: 27 LEASE: WOLFF "B" JOB TYPE: CMT. SURF. CSC. TICKET NO: 968343

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1500 1700							(HOLE) OUT ON LOCATION BIG DRILLING TD-264' RUN FT. OF 8 5/8" 28" CSC. CASING ON BOTTOM, BREAK CONC. WITH UNLID PUMP, CHASE DOWN.
			ORIGINAL					
	1925	6	5	-		200		HOOK UP HOWLO TO CASING PUMP 5661 H ₂ O
		6	0	-		200		START MIX CEMENT (180 SLS CEMENT)
	1933	6	40	-		150		FINISH MIX CEMENT SHUT DOWN RELEASE TOP HULL
	1934	6	0	-		100		START DISP.
	1936	6	15.5	-		150		PUL. DOWN - SHUT IN FROM CIRC. 30 SLS. CMT. TO PIT
	2015							WASH UP - BACK UP JOB COMPLETE
								THANKS KEVIN PEDLICK MARK

CUSTOMER COPY



HALLIBURTON

ORIGINAL

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

INVOICE

INVOICE NO.	DATE
968400	06/10/1997

WOLFE "B" 1	HARPER	KS	SAME
PRATT	DUKE DRILLING #2	CEMENT PRODUCTION CASING	06/10/1997
646989	BRAD SIROKY		COMPANY TRUCK 0923

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
1318 E. FIRST STREET
PRATT, KS 67124

P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	146	MI	2.85	416.10
		1	UNT		
001-016	CEMENTING CASING	4549	FT	1,765.00	1,765.00
		1	UNT		
593	3-WIPER L-D PLUG - 5 1/2"	1	EA	290.00	290.00
801-0374					
594	5 1/2" LATCH DOWN BAFFLE	1	EA	114.00	114.00
801-03743					
40	CENTRALIZER-5-1/2 X 7-7/8	4	EA	60.00	240.00
806-60022					
26	INSERT VALVE F. S. - 5 1/2" 8RD	1	EA	350.00	350.00
847-6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	69.00	69.00
815-19313					
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
314-163	CLAYFIX II	2	GAL	28.00	56.00
504-130	CEMENT - 50/50 POZMIX STANDARD	40	SK	7.45	298.00
504-308	CEMENT - STANDARD	100	SK	9.57	957.00
508-291	GILSONITE BULK	500	LB	.40	200.00
508-127	CAL SEAL 60	5	SK	25.90	129.50
509-968	SALT	900	LB	.15	135.00
507-775	HALAD-322	71	LB	7.00	497.00
507-918	GASSTOP	25	LB	33.55	838.75
500-207	BULK SERVICE CHARGE	170	CFT	1.35	229.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	415.37	TMI	.95	394.60

INVOICE SUBTOTAL

8,179.45

DISCOUNT - (BID)

2,290.73

INVOICE BID AMOUNT

5,889.22

***** CONTINUED ON NEXT PAGE *****

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CUSTOMER COPY



HALLIBURTON ORIGINAL

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

INVOICE

INVOICE NO.	DATE
968400	06/10/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
WOLFE "B" 1		HARPER		KS	SANE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING #2	CEMENT PRODUCTION CASING		06/10/1996	
ACCT. NO.	CUSTOMER/AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
646989	BRAD SIROKY			COMPANY TRUCK	0923

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
 C/O MR. BRAD SIROKY
 1318 E. FIRST STREET
 PRATT, KS 67124

P O BOX 428
 HAYS KS 67601
 913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				162.54
	*-PRATT COUNTY SALES TAX				33.18
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					66,084.94

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HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

28

CHARGE TO: Oil Producers of KS Inc
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **968400 - 4**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Dwell KS</u>	WELL/PROJECT NO. <u>B-1</u>	LEASE <u>Wolfe</u>	COUNTY/PARISH <u>Harper</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>6-10-96</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Duke D. Ly</u>	RIG NAME/NO. <u>#2</u>	SHIPPED VIA <u>Truck</u>	DELIVERED TO <u>Loc</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>Land</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS: <u>APT # 15-077-213060000</u>					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-119			MILEAGE 53387# RD. TP	146	mi			2.85	416.10
513-816	801.0374	ORIGINAL	Pump Charge 1 Trk	4549	ft	6	hrs	1765	1765
594	801.03743		Latch Down Plug	1	kg	5	1/2	290	290
40	806.60022		Latch Down Baffle	1	kg	"	"	114	114
26	847.6318		Centrifuges S-4	4	kg	"	"	60	240 ⁰⁰ 240
27	815.19313		Insert Float Shoe	1	kg	"	"	350	350
018-317			Auto Fill-up Assy	1	kg			69	69
314-163			Super Flush	12	kg	500	gal	100	1200
			Clay-Fix II	2	gal			28	56
			Bulk Trk # B-325720						3679.35

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: 6-10-96 TIME SIGNED: 1200
 A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

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 AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	8199.4
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
<u>David L Scott</u>	<u>X</u>	<u>David L Scott</u>	<u>B9475</u>	<u>DL Scott</u>



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 300-1100

CUSTOMER OIL PRODUCERS OF KANBAS	WELL WOLFE "B" #1	DATE 06-10-96	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
504-130		1			50/50 POZMIX W 2% GEL	40	SKE				7.45	298.00
LOADED ON TRL.#5621-FRONT												
504-308	516.00261	1			STANDARD CEMENT	100	SKS				9.57	957.00
508-291	516.00337	1			GILSONITE BLENDED 5#	500	LBS				4.00	200.00
509-127	890.50131	1			CALSEAL BLENDED 5%	500	LBS				25.90	129.50
509-968	516.00158	1			SALT BLENDED 18%	900	LBS				15.00	135.00
507-775	516.00144	1			HALAD-322 BLENDED .75%	71	LBS				7.00	497.00
LOADED ON TRL.#5621-BACK												
507-918	516.00344	1			GASSTOP ON SIDE	25	LBS				33.55	838.75
ORIGINAL												
5 00-207		1			SERVICE CHARGE	CUBIC FEET		170			1.35	229.50
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			95	394.60
						11,596	73	415.37				

CONTINUATION TOTAL 5477.35

No. B 325720

JOB LOG HAL-2013-C

CUSTOMER: Oil Prod of KS WELL NO.: B-1 LEASE: Wolfe JOB TYPE: 5 1/2 Prod String TICKET NO.: 968400

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Called Out
	1130							ORIGINAL On loc w/Trk's Safety mtg Csg on Bottom Drop Ball & Break Circ w/Rig
	1518	6	20	✓		300		Pump 2% Clay-Fix II Flush
	1521	6	12	✓		300		Pump Super Flush
	1525	5	5	✓		300		H2O Spacer
	1530	2	3.3					Plug Rat Hole w/15sk's Cmt
	1532	2	2.5					Plug mouse Hole w/10sk's Cmt
	1540	5	3.5	✓		300		St mixing Lead Cmt @ 14.2 ppg
	1545	6	24.5	✓		250		St mixing Tail Cmt @ 15.2 ppg w/.5% Gasstop last 50 sk's
	1600	⊖	28.0	✓		⊖		Finish mixing Cmt HT-400 on Howco Hammering
	1603	6	10					Close In - Wash Pump + line Pump still missing
	1606							Release Latch Down Plug
	1607	9.6		✓		100		St Disp w/H2O Pump Rate on Howco 9.6 Bpm Actual Pump Rate By Tank Gauge 2 Bpm Continue Disp
	1610			✓				Close In prime H.T. No go Continue Disp w/H2O Same as Above
	1635		45	✓		150		Discuss w/Post. Decided hook up to mud pump & Finish Disp w/Mud
	1645		108	✓		1700		Plug Down Release psi Float Held 45 Bbls H2O Disp + 65 Bbls mud Job Complete

 Thank you
D Scott



Ricketts Testing, Inc.

ORIGINAL

Company OIL PRODUCERS, INC. OF KANSAS Lease & Well No. WOLFF B #1
 Elevation 1300 R.B. Formation MISSISSIPPI Effective Pay _____ ft. Ticket No. 1819
 Date 6-9-96 Sec. 11 Twp. 33 Range 6W County HARPER State KANSAS
 Test Approved by Bill Shepherd Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 4365 ft. to 4395 ft. Total Depth 4395 ft.
 Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4363 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4370 ft. Recorder Number 13307 Cap. 4650
 Bottom Recorder Depth (Outside) 4373 ft. Recorder Number 13306 Cap. 4625
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Duke Drilling Rig #2 Drill Collar Length _____ I.D. _____ in.
 Mud Type Chemical Viscosity 46 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.4 Water Loss 12.8 cc. Drill Pipe Length 4345 I.D. 3.25 in.
 Chlorides _____ P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
 Jars: Make _____ Serial Number _____ Anchor Length 30 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x h in.

Blow: Strong blow. Gas to surface in 5 minutes Final Flow Period. Gauge 26,600 CFPD to 33,200 CFPD

Recovered 35 ft. of Gas cut mud.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 12:30 A.M. Time Started Off Bottom 3:00 A.M. Maximum Temperature 124
 Initial Hydrostatic Pressure.....(A) 2186 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 40 P.S.I. to (C) 40 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 1571 P.S.I.
 Final Flow Period.....Minutes 30 (E) 45 P.S.I. to (F) 45 P.S.I.
 Final Closed In Period.....Minutes 60 (G) 1630 P.S.I.
 Final Hydrostatic Pressure.....(H) 2154 P.S.I.

RICKETTS TESTING, INC.

Pressure Data

Date 6-9-96 Test Ticket No. 1819
 Recorder No. 13307 Capacity 4650 Location 4370 Ft.
 Clock No. _____ Elevation 1300 K.B. Well Temperature 124 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2186 P.S.I. Open Tool 12:30 A M
 B First Initial Flow Pressure 40 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 40 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 1571 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 45 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 F Second Final Flow Pressure 45 P.S.I.
 G Final Closed-in Pressure 1630 P.S.I.
 H Final Hydrostatic Mud 2154 P.S.I.

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of	mins. and a	of	mins. and a	of	mins. and a	of	mins. and a
	final inc. of	Min.	final inc. of	Min.	final inc. of	Min.	final inc. of	Min.
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	40	0	40	0	45	0	45
P 2	5	40	3	461	5	45	3	563
P 3	10	40	6	810	10	45	6	958
P 4	15	40	9	1085	15	45	9	1302
P 5	20	40	12	1279	20	45	12	1438
P 6	25	40	15	1399	25	45	15	1502
P 7	30	40	18	1465	30	45	18	1539
P 8	35		21	1509	35		21	1566
P 9	40		24	1539	40		24	1585
P10	45		27	1551	45		27	1596
P11	50		30	1571	50		30	1603
P12	55		33		55		33	1609
P13	60		36		60		36	1612
P14	65		39		65		39	1617
P15	70		42		70		42	1620
P16	75		45		75		45	1623
P17	80		48		80		48	1625
P18	85		51		85		51	1627
P19	90		54		90		54	1628
P20	95		57				57	1629
			60				60	1630



Ricketts Testing

GAS FLOW REPORT

Date 6-9-96 Ticket 1819 Company Oil Producers, Inc. of Kansas
 Well Name and No. Wolff B #1 Dst No. 1 Interval Tested 4365-4395
 County Harper State Kansas Sec. 11 Twp. 33S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

1/2" Orifice		SECOND FLOW			Gas to surface 5 minutes	Final Flow
1:45AM	15	18 IOW				26,600 CFPD
1:55AM	20	25 IOW				31,900 CFPD
2:00AM	25	28 IOS				33,200 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

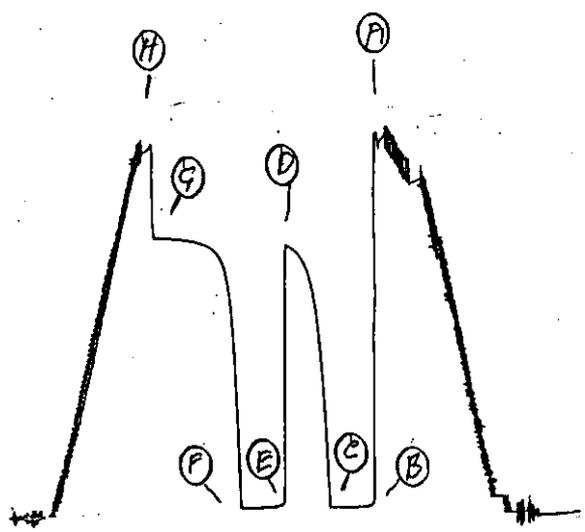
Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Ricketts Testing within thirty (30) days free of charge or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

DST # 1 TK # 1819





Ricketts Testing, Inc.

ORIGINAL

Company OIL PRODUCERS, INC. OF KANSAS Lease & Well No. WOLFF B #1

Elevation 1300 K.B. Formation MISSISSIPPI Effective Pay _____ ft. Ticket No. 1820

Date 6-9-96 Sec. 11 Twp. 33 Range 6W County HARPER State KANSAS

Test Approved by BILL SHEPHERD Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 4396 ft. to 4510 ft. Total Depth 4510 ft.

Packer Depth 4396 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4393 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4401 ft. Recorder Number 13307 Cap. 4650

Bottom Recorder Depth (Outside) 4507 ft. Recorder Number 13306 Cap. 4625

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Duke Drilling Rig #2 Drill Collar Length _____ I.D. _____ in.

Mud Type Chemical Viscosity 46 Weight Pipe Length _____ I.D. _____ in.

Weight 9.4 Water Loss 12.8 cc. Drill Pipe Length 4376 I.D. 3.25 in.

Chlorides _____ P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 114 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 xh in.

Blow: Weak blow building to 8" in water Initial Flow Period.

Weak blow building to 5" in water Final Flow Period.

Recovered 195 ft. of Slightly oil & water cut mud. 1% Oil

Recovered 120 ft. of Water with a trace of oil.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DST Fluid Chlorides 20,000 PPM

Time Set Packer (s)	<u>4:21</u>	P M.	Time Started Off Bottom	<u>7:06</u>	P M.	Maximum Temperature	<u>126°</u>
Initial Hydrostatic Pressure	(A)	<u>2263</u>				P.S.I.	
Initial Flow Period	Minutes	(B)	<u>30</u>	<u>97</u>	P.S.I.	to	
		(C)		<u>105</u>	P.S.I.		
		(D)	<u>42</u>	<u>1493</u>	P.S.I.		
Final Flow Period	Minutes	(E)	<u>30</u>	<u>139</u>	P.S.I.	to	
		(F)		<u>156</u>	P.S.I.		
Final Closed In Period	Minutes	(G)	<u>60</u>	<u>1502</u>	P.S.I.		
Final Hydrostatic Pressure	(H)	<u>2229</u>			P.S.I.		

RICKETTS TESTING, INC.

Pressure Data

Date 6-9-96 Test Ticket No. 1820
 Recorder No. 13307 Capacity 4650 Location 4401 Ft.
 Clock No. _____ Elevation 1300 K. B. Well Temperature 126 °F

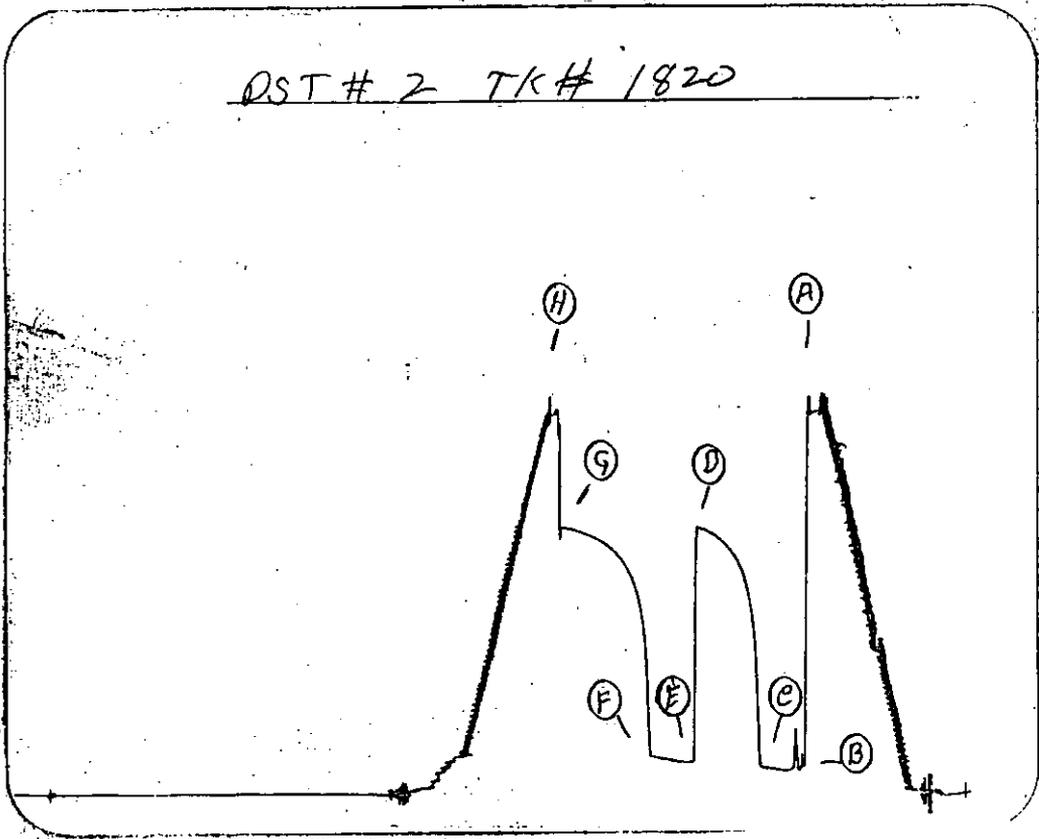
Point	Pressure		Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	2263	P.S.I.		4:21 P.M.	
B First Initial Flow Pressure	97	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	105	P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D Initial Closed-in Pressure	1493	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	139	P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	156	P.S.I.			
G Final Closed-in Pressure	1502	P.S.I.			
H Final Hydrostatic Mud	2229	P.S.I.			

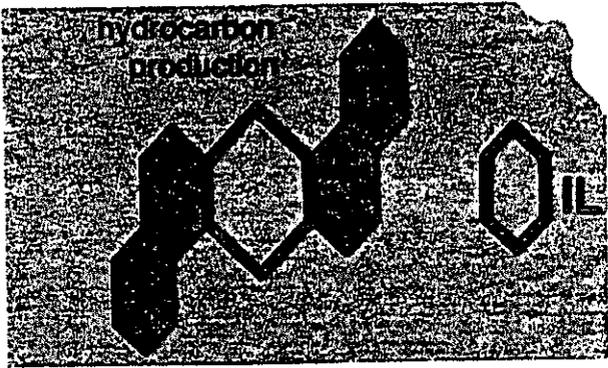
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Initial Shut-In Breakdown: <u>14</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.
---	--	--	--

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	97	0	105	0	139	0	156
P 2 5	97	3	475	5	139	3	612
P 3 10	99	6	937	10	141	6	910
P 4 15	101	9	1090	15	146	9	1055
P 5 20	103	12	1196	20	150	12	1136
P 6 25	104	15	1265	25	153	15	1221
P 7 30	105	18	1323	30	156	18	1274
P 8 35		21	1362	35		21	1319
P 9 40		24	1394	40		24	1351
P10 45		27	1417	45		27	1377
P11 50		30	1438	50		30	1389
P12 55		33	1456	55		33	1406
P13 60		36	1470	60		36	1423
P14 65		39	1484	65		39	1442
P15 70		42	1493	70		42	1454
P16 75		45		75		45	1463
P17 80		48		80		48	1474
P18 85		51		85		51	1483
P19 90		54		90		54	1491
P20 95		57				57	1497
		60				60	1502

DST # 2 TK # 1820





OIL PRODUCERS, INC. OF KANSAS

March 1, 1997

Jim Hemmen
KCC
130 S. Market, Room 2078
Wichita, Ks. 67202

Certified #: P 322 904 877

Dear Jim,

Enclosed please find the ACO-1 for the Wolff B in Harper Co., Kansas. Included with it are the following log: Compensated Density Neutron Log, Dual Induction Log and Geolgoical Log. Also included are a copies of Halliburton surface and production cement tickets, 968343 and 968400, two (2) Drill Stem Test results from Ricketts Testing and a copy of completion report for perforation information.

Sincerely,

Diana Richecky

dr

Please sign attached letter copy as receipt of this information and return in the envelope provided.



Jim Hemmen, KCC

RECEIVED
KANSAS CORP COMM
1997 MAR -3 P 1:53

ORIGINAL

OIL PRODUCERS INC. OF KS. INITIAL COMPLETION REPORT

WELL - WOLFF B #1

LEGAL - SE/SW/SW OF 11-33s-6w IN HARPER CO. KS.

API# - 15-077-21,306-00-00

G.L. - 1292'

K.B. - 8' ABOVE G.L.

SURFACE CSN - 8 5/8" @ 264' WITH 180 SX 60/40

RTD - 4550'

LTD - 4548' (ELI WIRELINE 6/10/96)

PRODUCTION CSN - 5 1/2", 15.5# @ 4549' WITH 100 SX EA-2

PBTD - 4515' (ELD) 4531' BY TBG TALLY.

TOP OF CEMENT - 3930' WITH EXCELLENT CEMENT BONDING.

PERFORATIONS - UPPER MISS DOLO----4362'-4365' 4/FT. 6/18/96
UPPER MISS DOLO----4370'-4373' 4/FT. 6/18/96
UPPER MISS DOLO----4380'-4386' 4/FT. 6/18/96
LOWER MISS DOLO----4423'-4426' 4/FT. 6/18/96

TUBING RAN - 15' MA, SN, 140 JTS. USED 2 3/8" TBG (4381.60')

TUBING SET @ - 4402.70'

AVERAGE TBG JT. - 31.29'

PUMP RAN - 2" X 1 1/2" X 12' RWBC WITH 6' GAS ANCHOR.

RODS RAN - PUMP, 174-NEW 3/4" NORRIS RODS, 8', 2', 2', 1 1/4" X 16' P.R.

PUMP SET @ - 4387.70'

PUMPING UNIT - SPEED KING 114, SERIAL # 1195, RATIO 28.5:1, W/64" STROKE

ENGINE - REBUILT ARROW C-66 WITH 10" CLUTCH SERIAL # 84943

TANK BATTERY - 4' X 15' 50# W.P. HEATER TREATER.
2-10' X 12' 210 BBL STEEL STOCK TANKS.

6/18/96

COMANCHE WELL SERVICE ON LOCATION, RIGGED UP D-D POLE.
JW TRUCKING ON LOCATION DELIVERED 145 JTS. 2 3/8" TBG (4563') T.O.

6/18 CONT.

ELI WIRELINE ON LOCATION TO RUN CORRELATION & BOND LOG.
FOUND TOTAL DEPTH - 4515' (THIS IS 16' HIGH TO TOP OF INSERT @ 4531')
FOUND TOP OF CEMENT - 3930' WITH EXCELLENT CEMENT BONDING.

COMANCHE SWABBED FRESH WATER TO PIT DOWN TO 4000' FROM SURFACE.
ELI RIGGED TO PERFORATE UPPER AND LOWER MISS DOLOMITE.

PERFORATED MISS DOLOMITE ----4362'-4365' 4 SHOTS/FT.
4370'-4373' 4 SHOTS/FT.
4380'-4386' 4 SHOTS/FT.
4423'-4426' 4 SHOTS/FT.

SHUT DOWN DUE TO HEAVY T-STORMS.

6/19/96

SICP - 180 psi, FLUID LEVEL - 3800' DOWN.
SWABBED WELL DOWN TO PBD 4517'. GOOD SHOW OF GAS.

HALLIBURTON ON LOCATION WITH PPI TOOL SPACED 10' APART TO BE USED
AS STRADDLE TOOL TO ISOLATE EACH PERF INTERVAL INDIVIDUALLY.

RIH - WITH PPI TOOL AND TBG. SET TOOL @ 4440'
PRESSURE TEST TBG AND TOOL TO 2000 psi AND HELD O.K.

HALLIBURTON ON LOCATION WITH 2250 GALS 15% FE ACID.

SET TOOL STRADDLING INTERVAL 4423'-26'

ACIDIZED LOWER MISS PERFS 4423'-26' AS FOLLOWS:
SPOT 500 GALS 15% FE ACID ON PERFS. SET TOOL.
PRESSURED TO 50 psi ACID FEEDING.
DISPLACED 500 GALS ACID @ 1 BPM - 150 psi TO VAC.
ISIP - VAC.

SET TOOL STRADDLING INTERVAL 4380'-86'

ACIDIZED UPPER MISS PERFS 4380'-86' AS FOLLOWS:
SPOT 750 GALS 15% FE ACID ON PERFS. SET TOOL.
PRESSURED TO 100 psi. ACID FEEDING.
DISPLACED 750 GALS ACID @ 1 3/4 BPM - 200 psi TO 100 psi.
ISIP - VAC.

SET TOOL STRADDLING INTERVAL 4370'-73'

ACIDIZED UPPER MISS PERFS 4370'-73' AS FOLLOWS:
SPOT 500 GALS 15% FE ACID ON PERFS. SET TOOL.
PRESSURED IN INTERVALS TO 800 psi (OVER 1 HR. PERIOD) ACID FEEDING.
DISPLACED ACID @ 1 1/4 BPM - 250 psi TO 30 psi.
ISIP - VAC.

SET TOOL STRADDLING INTERVAL 4362'-65'

6/19 CONT.

ACIDIZED UPPER MISS PERFS 4362'-65' AS FOLLOWS:
SPOT 500 GALS 15% FE ACID ON PERFS. SET TOOL.
PRESSURED TO 800 psi IN INTERFALS, BROKE BACK. ACID FEEDING.
DISPLACED 500 GALS ACID @ 1 1/2 BPM - 250 psi.
ISIP - VAC.
TOTAL LOAD TO RECOVER FROM ALL ACID WORK - 207 BBLs.

PICK UP & SET TOOL @ 4350'. ATTEMPT TO FISH STANDING VALVE.
COULD NOT FISH DUE TO PARRAFIN.
POOH - WITH TBG & PPI TOOL.
RIG UP 5 1/2" CASING SWAB TOOLS.

SWAB TEST AFTER ACID VIA 5 1/2" CSN AS FOLLOWS:
FOUND FLUID LEVEL @ 1000' FROM SURFACE.
SWAB WELL DOWN & RECOVERED 95 BBLs. SHOW OF GAS.
1/2 HR TEST - RECOVERED 100' FLUID, 25 MCFPD GAS TEST.
SHUT DOWN FOR THE NIGHT.

6/20/96

SICP - 1060 psi, FLUID LEVEL - 3665' DOWN, FREE OIL - 300', OIL% - 35%
SBHP - 1560 psi. (THIS WILL BE THE MOST ACCURATE SBHP TEST ON COMPL)

CONTINUE SWAB TESTING AS FOLLOWS:
SWAB WELL DOWN & RECOVER 20 BBLs, 35% OIL.
1/2 HR. GAS TEST - 110 MCFPD.
1/2 HR. SWAB TEST - RECOVERED 1.5 BTF @ 20% OIL.
1/2 HR. TEST - RECOVERED 1.5 BTF @ 15% OIL, 110 MCFPD GAS.
1/2 HR. TEST - RECOVERED 1.5 BTD @ 15% OIL, 89 MCFPD GAS.

HALLIBURTON ON LOCATION TO RE-ACIDIZE ALL MISS PERFS WITH 4000 GALS
15% SGA ACID AND 4000 GALS 35# GELLED WATER. (PAD ACID JOB)

RE-ACIDIZE ALL MISS PERFS AS FOLLOWS:
PUMP 1000 GALS 15% SGA ACID @ 6 BPM - 50 psi.
PUMP 1000 GALS 35# GELLED WATER PAD @ 6 BPM - 50 psi.
PUMP 1000 GALS 15% SGA ACID @ 6 BPM - 50 psi.
PUMP 1000 GALS 35# GELLED WATER PAD @ 8 BPM - 140 psi.
PUMP 1000 GALS 15% SGA ACID @ 8 BPM - 160 psi.
PUMP 1000 GALS 35# GELLED WATER PAD @ 8 BPM - 155 psi.
PUMP 500 GALS 15% SGA ACID @ 8 BPM - 110 psi.
PUMP 500 GALS 35# GELLED WATER PAD @ 8 BPM - 80 psi.
PUMP 500 GALS 15% SGA ACID @ 8 BPM - 80 psi.
PUMP 500 GALS 35# GELLED WATER PAD @ 8 BPM - 60 psi.
FLUSH WITH 106 BBLs FIELD BRINE.
ISIP - VAC, TTL LOAD - 298 BBLs.
WAIT 1 HR. TO ALLOW TIME FOR ACID TO SPEND.

SWAB & FLOW TEST AFTER RE-ACID AS FOLLOWS:
FOUND FLUID LEVEL @ 700' FROM SURFACE.
SWAB 1 HOUR RECOVERED 100 BBLs. WELL KICKED OFF FLOWING.
1 HR. FLOW TEST - RECOVERED 22 BBLs 100% WATER.
1 HR. FLOW TEST - RECOVERED 13.36 BBLs, NO OIL, 325 MCFPD GAS

6/20 CONT.

CONT FLOW TESTING AS FOLLOWS:

1/2 HR FLOW TEST - RECOVERED 6.68 BBLs, NO OIL, 340 MCFPD GAS.

HALLIBURTON ON LOCATION WITH PUMP TRUCK TO KILL WELL.
PUMP 50 BBLs VIA CASING TO KEEP WELL QUIET.

COMANCHE RIGGED TO RUN 2 3/8" PRODUCTION TUBING, STEAMED TESTED &
DRIFTED.

RIH - WITH 15' X 2 3/8" MA, SN, 143 JTS. 2 3/8" TBG.

SET TUBING @ 4498.21' K.B.

PACKED TBG OFF. RIGGED UP 2 3/8" SWAB.

SWAB TEST MISS VIA TBG AS FOLLOWS:

FOUND FLUID LEVEL @ 700' FROM SURFACE.

SWABBED APPROX 98 BBLs WATER, 90# ON CASING, GOOD BLOW ON TBG.

SHUT DOWN FOR THE NIGHT.

6/21/96

SICP - 160 psi, SITP - VAC.

MAKE 1 RUN FOUND 200' FLUID IN TBG.

SWAB 1 HR. GETTING NO FLUID.

NOTE: - DETERMINED THAT TBG IS POSSIBLY PLUGGED)

RIG TO PULL TBG. FOUND TBG STUCK IN HOLE.

DISPATCHED DIA-LOG.

DIA-LOG ON LOCATION TO DETERMINE FREE-POINT.

WHILE PULLING STRETCH IN TBG TRYING TO ASSESS FREE-POINT. TBG PARTED
@ 720' FROM SURFACE.

POOH - WITH TBG TO PART @ 720'.

DISPATCH KS FISHING TOOL WITH 2 3/8" OVER-SHOT.

RIH - WITH OVER-SHOT & TBG. LATCH ONTO FISH.

DIA-LOG FOUND TBG FREE @ 4460'. BUT COULD NOT GET BELOW 4460' WITH
TOOL.

SHOT TBG @ 4460'. TBG FREE.

POOH - WITH 40 JTS. TBG.

SHUT DOWN FOR THE NIGHT.

6/22/96

POOH - WITH ALL TUBING, SEATING NIPPLE AND MUD ANCHOR?????????

NOTE: - SHOT @ 4456' DID NOT CUT CLEAN THROUGH TBG. IT IS UNKNOWN
WHAT HAD TBG STUCK PRIOR TO ATTEMPTING TO SHOOT TBG.)

RIG TO RUN PRODUCTION TBG.

RAN PRODUCTION TUBIN GAS FOLLOWS:

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE	1.10'
140 JTS. 2 3/8" TBG	4381.60'
K.B. (8' < 3' ABOVE G.L.)	5.00'
TUBING SET @	4402.70'
SEATING NIPPLE SET @	4387.70'

PACKED TBG OFF. RIGGED TO SWAB TUBING.

6/22 CONT.

SWAB 2 HRS. RECOVERED 98 BBLs, GOOD BLOW ON TBG, CSN 160 psi.
SHUT WELL IN FOR THE WEEKEND.

6/24/96

SITP - 170 psi, SICP - 720 psi, FLUID LEVEL - 1300' DOWN, NO FREE OIL.

CONTINUE SWAB TESTING MISS VIA TBG AS FOLLOWS:

TIME	MADE	CSN#	OIL%	MCF	REMARKS
9:30	30.06	600#	----	BLOW	1 HR. SWAB.
10:30	31.73	700#	----	BLOW	WELL KICKED OFF.
11:30	31.73	800#	----	BLOW	1 HR. FLOW.
12:30	8.35	400#	----	-----	1 HR. FLOW.
1:30	8.35	380#	6%	-----	1 HR. FLOW.
2:30	8.35	380#	7%	237 MCF	1 HR. FLOW.
3:30	8.35	360#	8%	-----	1 HR. FLOW.
4:30	6.68	340#	6%	245 MCF	1 HR. FLOW.
5:30	6.68	360#	6%	245 MCF	1 HR. FLOW.
6:30	6.68	360#	7%	245 MCF	1 HR. FLOW.

SHUT DOWN FOR THE NIGHT.

6/25/96

SITP - 360 psi, SICP - 1250 psi, FLUID LEVEL - 1200' DOWN, FREE OIL - 250', OIL% - 8%
SBHP - CALCULATES 1433 psi (THIS IS PESSIMISTIC, FIGURED ON ANNULUS SIDE
ASSUMING NO FLUID)

SWAB 1 HR. RECOVERED 20.04 BBLs, 8% OIL, 500# ON CSN. WELL KICKED OFF.

2 HR. TEST - RECOVERED 18.37 BBLs, 360# CSN, 6% OIL, 193 MCFPD GAS.

WESTERN GAS RESOURCES ON LOCATION TO OBSERVE FLOW TEST.

FOUND CO2 CONTENT @ 1.79% (.75% IS LIMIT WILL HAVE TO VENT WELL TO GET
CO2 CONTENT DOWN BEFORE SALES)

GREAT PLAINS FLUID SERVICE ON LOCATION TO KILL WELL WITH 80 BBLs FIELD
BRINE TO ALLOW TO RUN RODS.

A&W SUPPLY ON LOCATION WITH NEW 3/4" NORRIS RODS, PUMP & MISC.

RAN PUMP & RODS AS FOLLOWS:

2" X 1 1/2" X 12' RWBC WITH 6' GAS ANCHOR	14.00'
174 NEW 3/4" NORRIS RODS	4350.00'
8', 2', 2' X 3/4" ROD SUBS	12.00'
1 1/4" X 16' POLISHED ROD	16.00'
PUMP SET @	4387.70'

CLAMPED RODS OFF. COMANCHE WELL SERVICE RIGGED DOWN & MOVED OFF
LOCATION.

TIM FREUND ON LOCATION WITH DOZER.

BUILT TANK BATTERY GRADE TO SOUTH OF WELL @ ROAD.

BUILT PUMPING UNIT GRADE TO NORTH OF WELL.

SHUT DOWN FOR THE NIGHT.

6/26/96

JW TRUCKING ON LOCATION WITH PUMPING UNIT AND ENGINE.
PUMPING UNIT FROM AMERICAN ENERGY STOCK.
ENGINE PURCHASED FROM WARREN CORP.

DELIVERED AND SET - SPEED KING 114 UNIT, SERIAL # 1195, RATIO 28.5:1,
WITH 64" MAXIMUM STROKE.
WITH ARROW C-66 ENGINE WITH 10" CLUTCH MOUNTED.
SHUT DOWN FOR THE NIGHT.

6/27/96

MILLER ROUSTABOUT ON LOCATION WITH TANK BATTERY FROM AMERICAN
ENERGY STOCK.
DELIVERED & SET - 4' X 20' 50# W.P. HEATER TREATER.
2 - 10' X 12' 210 BBL STEEL STOCK TANKS.
STARTED HOOKING UP WELL.
SHUT DOWN FOR THE NIGHT.

6/28/96

MILLER ROUSTABOUTS ON LOCATION. FINISHED HOOKING UP TANK BATTERY.
HOOKED UP WELL HEAD.
L A I D APPROX 300' 2 3/8" TBG LEAD LINE FROM WELL HEAD TO BATTERY FOR
LEAD LINE.
L A I D 1" LINE BACK FROM TREATER FOR GAS SUPPLY TO ENGINE.
L A I D APPROX 1400' 3" PVC FROM HEATER TREATER TO WEST AND TIED INTO
EXISTING SWD LINE FROM CAROTHERS-B.

PUT WELL IN SERVICE @ 9 SPM - 54" STROKE.

WILL VENT GAS TO LOWER CO2 CONTENT WHILE WAITING ON WESTERN GAS
RESOURCES TO LAY GAS SALES LINE.
SHOULD HAVE WELL SELLING GAS WITHIN 10 DAYS.

END OF REPORT



BRAD SIROKY