

FORM MUST BE TYPED

SIDE ONE

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: NA

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

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

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

10/31/96 11/7/96 NA  
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21,315-02-09 ORIGINAL  
County HARPER  
- C - S/2- NE Sec. 28 Twp. 32 Rge. 6 X W  
3300 Feet from N (circle one) Line of Section  
1320 Feet from W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, E, NW or SW (circle one)  
Lease Name SCHMIDT Well # 1

Field Name  
Producing Formation NA  
Elevation: Ground 1370 KB 1381  
Total Depth 4520' PBTB NA  
Amount of Surface Pipe Set and Cemented at 259  
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 DAA JW 8-21-97  
(Data must be collected from the Reserve Pit)

Chloride content 18750 ppm Fluid volume 250 bbls

Dewatering method used: Evaporation and restore when dry

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

Title President Date 7/19/97

Subscribed and sworn to before me this 19th of July 1997.

Notary Public Diana L. Richecky

Date Commission Expires Jan 12, 2000

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-91)

07-21-1997

1997 JUL 21 P 1:57  
KANSAS CORP COM

**SIDE TWO**

Operator Name Oil Producers, Inc. of Kansas Lease Name SCHMIDT Well # 1

Sec. 28 Twp. 32S Rge. 6  
 East  
 West

County HARPER

**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	<b>Formation (Top) , Depth and Datums</b>	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	3189'	-1801
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KANSAS CITY	3776'	-2388
(Submit Copy)		BASE KC	4009'	-2621
List All E.Logs Run:	GEOLOGICAL LOG, SONIC LOG, DUAL INDUCTION LOG, COMPENSATED DENSITY NEUTRON LOG	MARMATON	4040'	-2652
		CHEROKEE	4202'	-2814
		MISS	4391'	-3003
		LTD	4519'	-3131

**ORIGINAL**

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		8 5/8"	20#	269	60 40 POZ	200	2% GEL 3% CC
PRODUCTION							

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
	SEE ATTACHED INITIAL COMPLETION REPORT		

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method				Flowing Pumping Gas Lift Other (Explain)			Gravity
Plugged as non-commercial	Oil	Gas	Water	Bbls.	Gas-Oil Ratio			
Estimated Production	$\frac{N}{A}$	$\frac{N}{A}$	$\frac{N}{A}$					

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) \_\_\_\_\_

RECEIVED  
 KANSAS OIL & GAS  
 1997 JUL 21 1:57

CUSTOMER COPY



REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046 Corporate FIN-73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES A Division of Halliburton Company

ORIGINAL

INVOICE NO.	DATE
104600	11/01/1996

WELL/LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
SCHMIDT 1		HARPER		KS	SAHE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		WCKET DATE	
PRATT	DUKE DRILLING #5	CEMENT SURFACE CASINO		11/01/1996	
ACCT. NO.	CUSTOMER AGEN	VENDOR NO.	CUSTOMER PO NUMBER	SHIPPED VIA	SLIP NO.
46989	JOE KEVINGSTON			COMPANY TRUCK	16002

OIL PRODUCERS INC OF KANSAS C/O MR BRAU SIBOKY 1318 E FIRST STREET PRATT, KS 67124

DIRECT CORRESPONDENCE TO: P.O. BOX 428 HAYS KS 67601 913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	138 MI		2.99	412.62
		1 UNT			
001-016	CEMENTING CASING	270 FT		605.00	605.00
		1 UNT			
030-503	WOODEN PLUG	Ø 5/8 IN		95.00	95.00
		1 EA			
504-136	CEMENT - 40/60 POZMIX STANDARD	200 SK		8.14	1,628.00
503-406	ANHYDROUS CALCIUM CHLORIDE	5 SK		40.75	203.75
500-207	BULK SERVICE CHARGE	710 CFT		1.35	283.50
500-306	MILEAGE CNTG MAT DEL OR RETURN	602.37 THY		1.05	632.49

INVOICE SUBTOTAL

3,860.36

DISCOUNT (BID)

1,428.31

INVOICE BID AMOUNT

2,432.05

\* KANSAS STATE SALES TAX

87.76

\* PRATT COUNTY SALES TAX

17.91

SCHMIDT OPS - CEMENT SURFACE

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

62,537.74

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.



**HALLIBURTON ENERGY SERVICES**

HAL-1906-P

39

CHARGE TO: **O.I PRODUCERS OF KS**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No: 104600 - 1

RECEIVED  
KANSAS

PAGE 1 OF 2

SERVICE LOCATIONS 1 PRATT 25355	WELL/PROJECT NO. 1	LEASE Schmidt	COUNTY/PARISH HARPER	STATE KS	CITY/OFFSHORE LOCATION 1977 W 21 D 1	DATE 11-1-96	OWNER Same
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Dyke Drlg	RIG NAME/NO. #5	SHIPPED VIA CT	DELIVERED TO Location	ORDER NO. 51
3.	WELL TYPE O.I	WELL CATEGORY 01	JOB PURPOSE Dev 01 Surface Pipe	WELL PERMIT NO. 010	WELL LOCATION 15-07721315 0000	Land	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE	138	m			299	41262
001-016		1	Pump Charge	6	hrs	270	ft		60500
030-503		1	WOOD PLUG	1	ea	8 3/8	IN		9500
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

*[Signature]*  
DATE SIGNED: 11-1-96 TIME SIGNED: 05:30 A.M.

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

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
TREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			
			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: 111262  
FROM CONTINUATION PAGE(S): 274774  
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 386036

**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) <i>Joe Livingston</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER <i>Alan Byrdy</i> PR0201	EMP # 85826	HALLIBURTON APPROVAL
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HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 104600

FORM 1911 R-10

CUSTOMER Oil Producers WELL Schmidt #1 DATE 11-01-96 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	KANSAS	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
504-136		1			40/60 Pozmix 2	200	SKS			8.14	1,628.00	
509-406	890,508/2	1			Calcium Chloride Bld 3%	5	SKS			40.75	203.75	
Loaded on TRK # 52530 - Split												
ORIGINAL												
500-207		1			SERVICE CHARGE							
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT 17,454	LOADED MILES 69	CUBIC FEET 210	TON MILES 602.37	1.35	283.50	
										1.05	632.49	

No. B 338382

CONTINUATION TOTAL 2747.74





JOB LOG HAL-2013-C

CUSTOMER: Oil Prod of KS WELL NO: 1 LEASE: Schmidt JOB TYPE: Surface Pipe TICKET NO: 104600

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS, TUBING, CASING, DESCRIPTION OF OPERATION AND MATERIALS. Rows include: 2130 Called out, 0100 On Location (Drilg), 0500 Run casing, 0600 Hook up to casing, 0605 200 Break Circulation (Rig Pump), 0616 4 5 200 Run PREFINISH, 0620 5 200 Start Mixing, 0628 6 46.3 200 Finish Mixing, 0630 Release Plug, 0631 6 0 0 Start Displacement, 0632 6 5 000 Cement Circulated, 0645 16.6 250 Plug Down, 0646 Shut In well, 0650 Wash up TRUCK, 0715 Job Complete

ORIGINAL

Thanks

Glen, Robert, Brad







CUSTOMER COPY



REMIT TO:  
P. O. BOX 951046  
DALLAS, TX 75395-1046  
Corporate FIN 73-027-1280

INVOICE

HALLIBURTON ENERGY SERVICES

A Division of Halliburton Company

INVOICING DATE  
104709 11/08/1996

WELL/EASING/PROJECT	CLIENT/PROJECT/LOCATION	STATE	OWNER
CHUNIDT	HARPER	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	DATE
PRATT	DUKE MIG #5	PLUG TO ABANDON	11/08/1996
ACCT NO.	CUSTOMER AGENCY	VENDOR NO.	CUSTOMER PO NUMBER
46989	JOE LEVINGSTON		
		SHIPPED VIA	FIN #
		COMPANY TRUCK	16395

ORIGINAL

DIRECT CORRESPONDENCE TO:

OLD PRODUCERS INC. OF KANSAS  
C/O MR. BEAD SIROKY  
1316 E. FIRST STREET  
PRATT, KS 67124

P. O. BOX 428  
HAYS KS 67501  
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA	MID CONTINENT				
000-117	MILEAGE CEMENTING ROUND TRIP	138 MI		2.99	412.62
		1 UNT			
090-910	MISCELLANEOUS PUMPING JOB	1 TRK		650.00	650.00
504-136	CEMENT - 40/60 POZNIX STANDARD	140 SK		8.14	1,139.60
507-277	HALLIBURTON-GEL BENYONITE	5 SK		18.60	93.00
500-207	DULK SERVICE CHARGE	150 CFT		1.35	202.50
500-306	MILEAGE CHTG MAT DEL OR RETURN	427.80 YMI		1.05	449.19
<b>INVOICE SUBTOTAL</b>					<b>2,946.91</b>
<b>DISCOUNT (MID)</b>					<b>1,090.34</b>
<b>INVOICE BID AMOUNT</b>					<b>1,856.57</b>
* KANSAS STATE SALES TAX					90.90
* PRATT COUNTY SALES TAX					18.50
<b>INVOICE TOTAL PLEASE PAY THIS AMOUNT</b>					<b>\$1,966.00</b>

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**WELL DATA**

FIELD \_\_\_\_\_ SEC 28 TWP 32 RNG 6 COUNTY Harper STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	u	23	8 7/8	6L	269	
LINER						
TUBING						
OPEN HOLE			7 1/8	269	4520	SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**TOOLS AND ACCESSORIES**

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

**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 \_\_\_\_\_

**JOB DATA**

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11/7</u> TIME <u>1830</u>	DATE <u>11/7</u> TIME <u>2200</u>	DATE <u>11/7</u> TIME <u>2245</u>	DATE <u>11/8</u> TIME <u>0100</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<b>ORIGINAL</b>		

DEPARTMENT Cmt

DESCRIPTION OF JOB PTA

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR D Scott COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	140	40-60	Poz	B	6% Total Gel	1.54	13.2

**PRESSURES IN PSI**

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 \_\_\_\_\_

**SUMMARY**

PRESLUSH: BBL.-GAL. \_\_\_\_\_ DYE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 13.2

CEMENT SLURRY: BBL.-GAL. 38.3

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

**REMARKS**

See Job Log

CUSTOMER: Oil Proda  
DATE: 11/8/96  
JOB TYPE: PTA  
WELL NO: 51

**JOB LOG HAL-2013-C**

CUSTOMER: Oil Prod of KSI Inc WELL NO: #1 LEASE: Schmidt JOB TYPE: PTA TICKET NO: 104709

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				F.T.	C.	TUBING	CASING	
#1	1830							Called Out
	2200							On Loc w/Trk's safety mtg
								D.P. @ 1125' 35 sks Cmt
	2245	5	5	✓		250		H2O Spacer
	2246	5	9	✓		260		Mix + Pump 35 sks Cmt @ 13.4 ppq
	2248	5	2	✓		200		H2O Spacer
	2250	6	13	✓		300		Pump Disp + Balance
								D.P. @ 750' 35 sks Cmt
	2315	5	5	✓		150		H2O Spacer
	2316	5	9	✓		100		Mix + pump 35 sks Cmt @ 13.4 ppq
	2320	5	2	✓		150		H2O Spacer
	2321	5	7	✓		100		Dispo Balance ORIGINAL
								D.P. @ 318' 35 sks Cmt
	2345	4	5	✓		100		H2O Spacer
	2346	4	9	✓		100		Mix + Pump Cmt @ 13.4 ppq
	2348	3	2			100		Dispr Balce
								D.P. @ 60'
	2410	3	6.8	✓		50		Mix + pump 25 sks Cmt @ 13.4 ppq
	2430	3	2.7					Plug Rat hole w/10 sks Cmt
								Job Complete
								Thank you
								D Scott





JOB LOG HAL-2013-C

DATE 11.8.96 PAGE NO. 1

CUSTOMER Oil Prod of KStrc WELL NO. #1 LEASE Schmidt JOB TYPE P-TA TICKET NO. 104709

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				ST	TC	TUBING	CASING	
#1	1830							Called Out
	2200							On Loc w/TKS safety mtg
								D.P. @ 1125' 35 sks Cmt
	2245	5	5	✓		250		H2O Spacer
	2246	5	9	✓		260		Mix & Pump 35 sks Cmt 13.4 ppq
	2248	5	2	✓		200		H2O Spacer
	2250	6	13	✓		300		Pump Disp & Balance
								D.P. @ 750' 35 sks Cmt
	2315	5	5	✓		150		H2O Spacer
	2316	5	9	✓		100		Mix & pump 35 sks Cmt @ 13.4 ppq
	2320	5	2	✓		150		H2O Spacer
	2321	5	7	✓		100		Disp & Balance ORIGINAL
								D.P. @ 318' 35 sks Cmt
	2345	4	5	✓		100		H2O Spacer
	2346	4	9	✓		100		Mix & Pump Cmt @ 13.4 ppq
	2348	3	2			100		Disp & Balce
								D.P. @ 60'
	2410	3	6.8	✓		50		Mix & pump 25 sks Cmt @ 13.4 ppq
	2430	3	2.7					Plug Rat hole w/10 sks Cmt
								Job Complete
								Thank you
								D. Scott

CUSTOMER



# ORIGINAL

## DST REPORT

### GENERAL INFORMATION

DATE	: 11/7/96	TICKET	: 22059
CUSTOMER	: OIL PRODUCERS INC OF KS	LEASE	: SCHMIDT
WELL	: #1	TEST: 2	GEOLOGIST: CHRISTENSEN
ELEVATION	: 1388 KB	FORMATION	: MISSISSIPPI
SECTION	: 28	TOWNSHIP	: 32S
RANGE	: 6W	COUNTY: HARPER	STATE : KS
GAUGE SN#	: 10270	RANGE : 4150	CLOCK : 12

### WELL INFORMATION

PERFORATION INTERVAL FROM: 4450.00 ft TO: 4520.00 ft TVD: 4520.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 4454.0 ft 4457.0 ft  
TEMPERATURE: 124.0

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 :	4423.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	70.0 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:	4445.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4450.0 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 DRLG RIG 5	VISCOSITY :	45.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.200 cc
WEIGHT :	9.100 ppg	SERIAL NUMBER:	422
CHLORIDES :	0 ppm	REVERSED OUT?:	NO
JARS-MAKE :	WTC		
DID WELL FLOW?:	NO		

### COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.  
FINAL FLOW PERIOD STRONG BLOW THROUGHOUT.

JAN10190

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
300.0	0.0	0.0	70.0	30.0	MUDDY WATER
3000.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 31000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	75.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	1.2624	STB	AVERAGE WATER RATE:	888.7099	STB/D
WATER VOLUME:	45.0246	STB			
TOTAL FLUID :	46.2870	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2181.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	707.00	1070.00
INITIAL SHUT-IN	60.00		1744.00
FINAL FLOW	45.00	1277.00	1537.00
FINAL SHUT-IN	75.00		1734.00

FINAL HYDROSTATIC PRESSURE: 2045.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2181.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	726.24	1073.93
INITIAL SHUT-IN	60.00		1731.05
FINAL FLOW	45.00	1271.67	1553.27
FINAL SHUT-IN	75.00		1739.41

FINAL HYDROSTATIC PRESSURE: 2033.00

Company: OIL PRODUCERS INC OF KS  
 Well: SCHMIDT #1  
 Field: TKT 22059 DST 2

[Thursday: Nov. 7, 1996]  
 Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	8:50:33	0.0000	726.24
5	0	8:51: 2	0.0080	724.48
14	0	8:52: 6	0.0259	720.97
23	0	8:53:11	0.0439	722.66
32	0	8:54:16	0.0620	727.82
41	0	8:55:22	0.0802	745.99
50	0	8:56:27	0.0984	765.90
59	0	8:57:33	0.1167	785.81
68	0	8:58:38	0.1349	803.11
77	0	8:59:44	0.1532	826.48
86	0	9: 0:50	0.1714	846.39
95	0	9: 1:56	0.1896	866.29
104	0	9: 3: 1	0.2079	886.20
113	0	9: 4: 7	0.2261	903.50
122	0	9: 5:12	0.2443	922.54
131	0	9: 6:18	0.2625	941.58
140	0	9: 7:24	0.2807	958.01
149	0	9: 8:29	0.2989	977.05
158	0	9: 9:35	0.3171	993.49
167	0	9:10:40	0.3353	1010.79
176	0	9:11:46	0.3535	1028.10
185	0	9:12:51	0.3717	1041.93
194	0	9:13:57	0.3899	1060.10
203	0	9:15: 2	0.4081	1073.93
END FLOW 1				
START SHUTIN 1				
207	0	9:15:37	0.4178	1210.95
210	0	9:16: 5	0.4257	1355.78
218	0	9:17: 7	0.4429	1452.88
226	0	9:18: 7	0.4596	1510.73
235	0	9:19:14	0.4780	1544.67
244	0	9:20:20	0.4963	1567.57
253	0	9:21:25	0.5145	1582.82
262	0	9:22:31	0.5327	1598.07
271	0	9:23:36	0.5508	1609.92
280	0	9:24:41	0.5689	1620.93
289	0	9:25:46	0.5870	1629.38
298	0	9:26:51	0.6051	1636.99
307	0	9:27:56	0.6232	1644.59
316	0	9:29: 1	0.6412	1649.65
325	0	9:30: 6	0.6593	1654.70
334	0	9:31:11	0.6773	1658.91
343	0	9:32:16	0.6954	1663.11
352	0	9:33:21	0.7134	1667.32
361	0	9:34:26	0.7314	1670.68
370	0	9:35:31	0.7495	1674.88
379	0	9:36:36	0.7675	1678.24
388	0	9:37:41	0.7855	1679.90
397	0	9:38:46	0.8035	1683.25
406	0	9:39:51	0.8216	1685.76
415	0	9:40:55	0.8396	1688.27
424	0	9:42: 0	0.8576	1690.77
433	0	9:43: 5	0.8756	1693.28
442	0	9:44:10	0.8936	1694.94

ORIGINAL

Company: OIL PRODUCERS INC OF KS  
 Well: SCHMIDT #1  
 Field: TKT 22059 DST 2

[Thursday: Nov. 7, 1996]  
 Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
451	0	9:45:15	0.9116	1696.59
460	0	9:46:20	0.9296	1699.10
469	0	9:47:25	0.9477	1701.61
478	0	9:48:29	0.9657	1702.41
487	0	9:49:34	0.9837	1704.07
496	0	9:50:39	1.0017	1705.73
505	0	9:51:44	1.0197	1707.39
514	0	9:52:49	1.0377	1709.04
523	0	9:53:53	1.0557	1709.85
532	0	9:54:58	1.0737	1711.51
541	0	9:56: 3	1.0917	1713.16
550	0	9:57: 8	1.1097	1714.82
559	0	9:58:13	1.1277	1716.48
568	0	9:59:17	1.1457	1716.44
577	0	10: 0:22	1.1637	1717.24
586	0	10: 1:27	1.1817	1718.90
595	0	10: 2:32	1.1997	1719.71
604	0	10: 3:37	1.2177	1720.52
613	0	10: 4:41	1.2357	1722.17
622	0	10: 5:46	1.2537	1722.13
631	0	10: 6:51	1.2717	1724.64
640	0	10: 7:56	1.2897	1724.60
649	0	10: 9: 1	1.3077	1725.40
658	0	10:10: 5	1.3257	1726.21
667	0	10:11:10	1.3437	1726.17
676	0	10:12:15	1.3617	1727.83
685	0	10:13:20	1.3797	1728.63
694	0	10:14:24	1.3977	1728.60
703	0	10:15:29	1.4157	1729.42
712	0	10:16:34	1.4336	1730.23
721	0	10:17:39	1.4516	1731.05
		END SHUTIN 1		
		START FLOW 2		
727	0	10:20:53	1.5057	1271.67
736	0	10:21:58	1.5237	1269.89
745	0	10:23: 3	1.5416	1267.24
754	0	10:24: 8	1.5596	1267.20
763	0	10:25:12	1.5776	1270.63
772	0	10:26:17	1.5957	1278.39
781	0	10:27:23	1.6138	1290.49
790	0	10:28:28	1.6320	1299.99
799	0	10:29:33	1.6501	1312.09
808	0	10:30:38	1.6682	1322.45
817	0	10:31:44	1.6863	1333.68
826	0	10:32:49	1.7045	1344.05
835	0	10:33:54	1.7226	1355.28
844	0	10:34:59	1.7407	1363.91
853	0	10:36: 5	1.7588	1373.41
862	0	10:37:10	1.7769	1382.04
871	0	10:38:15	1.7950	1391.54
880	0	10:39:20	1.8131	1399.30
889	0	10:40:25	1.8312	1407.93
898	0	10:41:30	1.8493	1417.43
907	0	10:42:35	1.8674	1426.06
916	0	10:43:41	1.8855	1433.82

WESTERN TESTING CO., INC.

Company: OIL PRODUCERS INC OF KS  
Well: SCHMIDT #1  
Field: TKT 22059 DST 2

[Thursday: Nov. 7, 1996]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
925	0	10:44:46	1.9127	1441.58
934	0	10:45:51	1.9308	1448.48
943	0	10:46:56	1.9488	1456.24
952	0	10:48: 1	1.9669	1464.00
961	0	10:49: 6	1.9850	1470.03
970	0	10:50:11	2.0031	1476.93
979	0	10:51:16	2.0211	1482.96
988	0	10:52:21	2.0392	1489.85
997	0	10:53:26	2.0573	1495.88
1006	0	10:54:31	2.0753	1501.87
1015	0	10:55:36	2.0934	1506.92
1024	0	10:56:41	2.1114	1512.83
1033	0	10:57:46	2.1295	1517.88
1042	0	10:58:51	2.1475	1523.79
1051	0	10:59:56	2.1656	1528.85
1060	0	11: 1: 1	2.1836	1533.90
1069	0	11: 2: 6	2.2017	1538.11
1078	0	11: 3:11	2.2197	1543.16
1087	0	11: 4:16	2.2378	1548.22
1096	0	11: 5:21	2.2558	1553.27
		END FLOW 2		
		START SHUTIN 2		
1104	0	11: 6:19	2.2720	1570.23
1105	0	11: 6:27	2.2741	1572.77
1114	0	11: 7:32	2.2923	1589.72
1123	0	11: 8:37	2.3104	1600.73
1132	0	11: 9:43	2.3285	1610.88
1141	0	11:10:48	2.3466	1618.48
1150	0	11:11:53	2.3647	1624.39
1159	0	11:12:58	2.3827	1630.29
1168	0	11:14: 3	2.4008	1635.35
1177	0	11:15: 8	2.4188	1640.41
1186	0	11:16:13	2.4369	1644.61
1195	0	11:17:18	2.4549	1648.82
1204	0	11:18:23	2.4729	1651.32
1213	0	11:19:27	2.4910	1654.68
1222	0	11:20:32	2.5090	1658.04
1231	0	11:21:37	2.5270	1660.54
1240	0	11:22:42	2.5450	1663.05
1249	0	11:23:47	2.5630	1665.56
1258	0	11:24:52	2.5810	1667.21
1267	0	11:25:57	2.5991	1670.57
1276	0	11:27: 2	2.6171	1673.08
1285	0	11:28: 6	2.6351	1674.73
1294	0	11:29:11	2.6531	1676.39
1303	0	11:30:16	2.6711	1678.90
1312	0	11:31:21	2.6891	1681.40
1321	0	11:32:26	2.7071	1683.06
1330	0	11:33:31	2.7252	1685.57
1339	0	11:34:35	2.7432	1686.38
1348	0	11:35:40	2.7611	1686.33
1357	0	11:36:45	2.7791	1687.14
1366	0	11:37:50	2.7971	1688.80
1375	0	11:38:55	2.8152	1692.15
1384	0	11:39:59	2.8332	1692.11

WESTERN TESTING CO., INC.

Company: OIL PRODUCERS INC OF KS

Well: SCHMIDT #1

Field: TKT 22059 DST 2

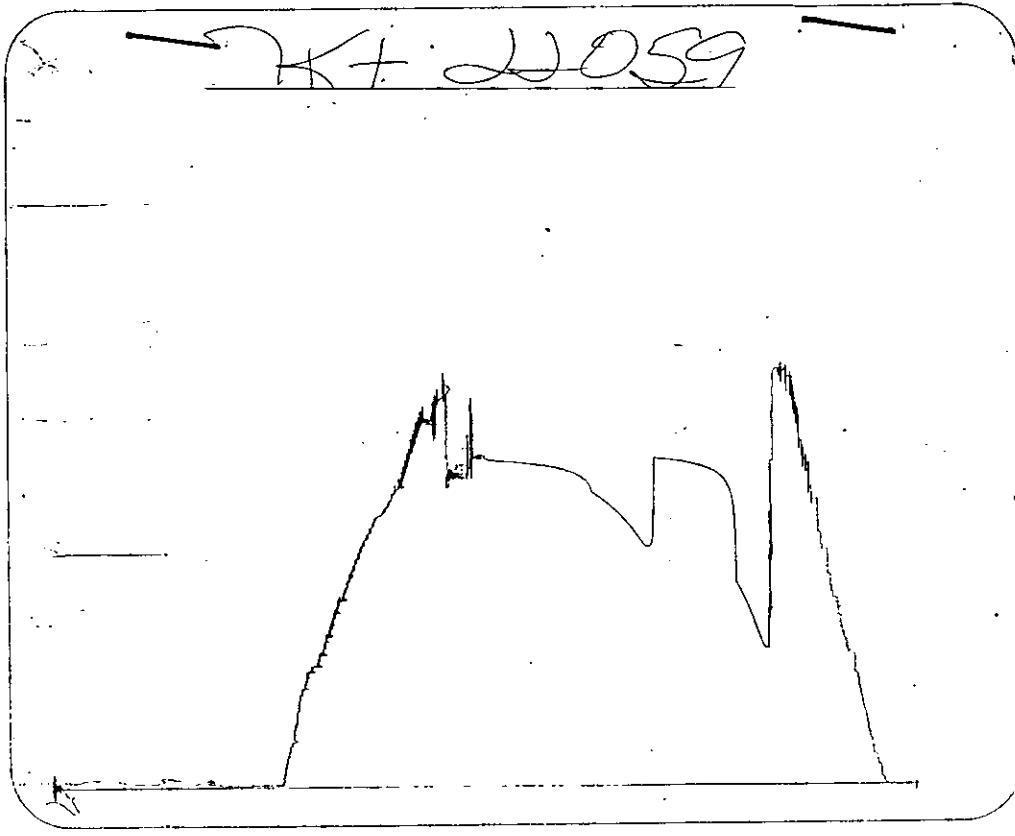
[Thursday: Nov. 7, 1996]

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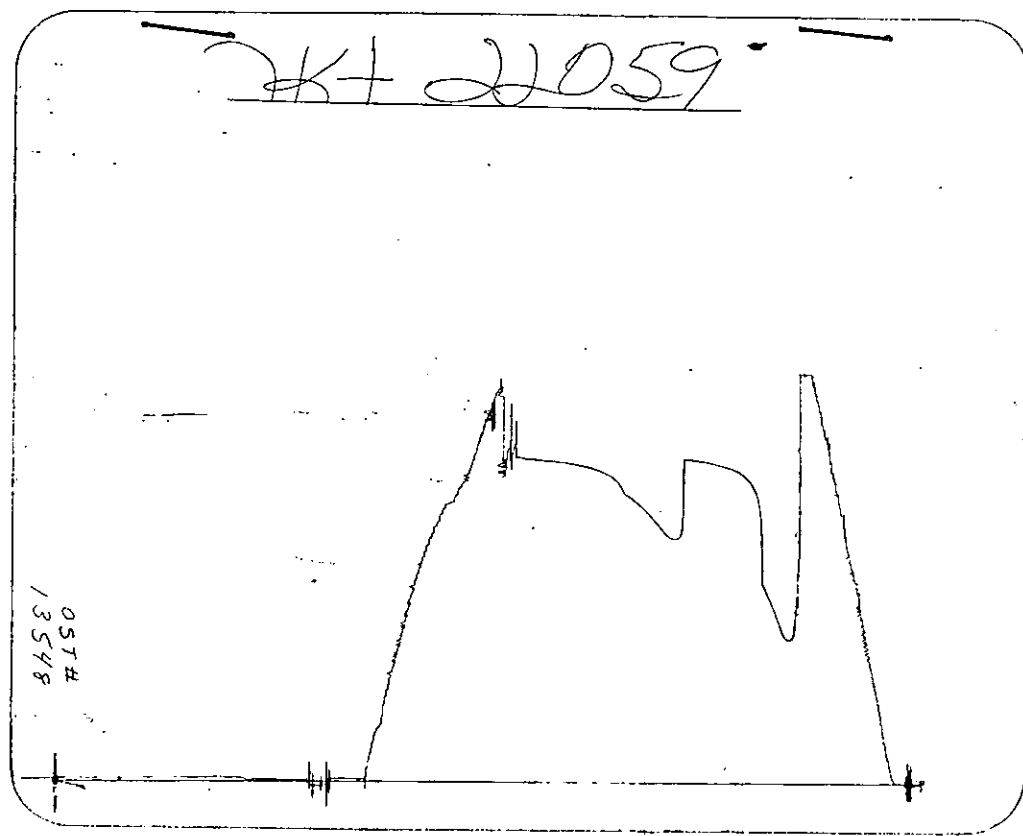
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1393	0	11:41: 4	2.8512	1692.92
1402	0	11:42: 9	2.8692	1694.58
1411	0	11:43:14	2.8872	1695.38
1420	0	11:44:19	2.9052	1696.19
1429	0	11:45:23	2.9232	1697.00
1438	0	11:46:28	2.9411	1697.81
1447	0	11:47:33	2.9592	1699.46
1456	0	11:48:38	2.9771	1700.27
1465	0	11:49:43	2.9952	1701.08
1474	0	11:50:47	3.0131	1702.74
1483	0	11:51:52	3.0312	1704.39
1492	0	11:52:57	3.0491	1704.35
1501	0	11:54: 2	3.0671	1705.16
1510	0	11:55: 7	3.0851	1705.97
1519	0	11:56:11	3.1031	1708.47
1528	0	11:57:16	3.1212	1709.28
1537	0	11:58:21	3.1391	1709.24
1546	0	11:59:26	3.1571	1709.20
1555	0	12: 0:30	3.1751	1710.00
1564	0	12: 1:35	3.1931	1710.81
1573	0	12: 2:40	3.2111	1711.62
1582	0	12: 3:45	3.2291	1713.28
1591	0	12: 4:50	3.2471	1714.08
1600	0	12: 5:54	3.2651	1714.89
1609	0	12: 6:59	3.2831	1714.85
1618	0	12: 8: 4	3.3011	1714.81
1627	0	12: 9: 9	3.3191	1715.61
1636	0	12:10:13	3.3371	1716.42
1645	0	12:11:18	3.3551	1717.23
1654	0	12:12:23	3.3731	1718.04
1663	0	12:13:28	3.3910	1717.99
1672	0	12:14:33	3.4090	1719.65
1681	0	12:15:37	3.4270	1719.61
1690	0	12:16:42	3.4450	1719.57
1699	0	12:17:47	3.4630	1720.37
1708	0	12:18:52	3.4810	1721.18
1717	0	12:19:56	3.4990	1721.14
1726	0	12:21: 1	3.5170	1722.80
1735	0	12:22: 6	3.5350	1722.76
1744	0	12:23:11	3.5530	1722.71
1753	0	12:24:15	3.5710	1722.67
1762	0	12:25:20	3.5890	1724.33
1771	0	12:26:25	3.6070	1725.99
1780	0	12:27:30	3.6250	1728.49
1789	0	12:28:35	3.6430	1734.40
1798	0	12:29:40	3.6611	1737.75
1807	0	12:30:45	3.6791	1739.41
1816	0	12:31:49	3.6971	1739.41
1825	0	12:32:54	3.7150	1739.41
1834	0	12:33:59	3.7330	1739.41
1843	0	12:35: 4	3.7510	1739.41
1852	0	12:36: 8	3.7690	1739.41

WESTERN TESTING CO., INC.





Inside Recorder



Outside Recorder

15-077-21315



# Ricketts Testing, Inc.

ORIGINAL

Company OIL PRODUCERS, INC. OF KS. Lease & Well No. SCHMIDT #1

Elevation 1377 G.L. Formation MISSISSIPPI Effective Pay \_\_\_\_\_ ft. Ticket No. 1841

Date 11-6-96 Sec. 28 Twp. 32S Range 6W County HARPER State KANSAS

Test Approved by JON CHRISTENSEN Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 4398 ft. to 4418 ft. Total Depth 4418 ft.

Packer Depth 4398 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 4395 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4403 ft. Recorder Number 13307 Cap. 4650

Bottom Recorder Depth (Outside) 4406 ft. Recorder Number 13306 Cap. 4625

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Duke Drilling Rig #5 Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.

Mud Type Chemical Viscosity 47 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.

Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 4371 I.D. 3.25 in.

Chlorides 1000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

Jars: Make Dowing Serial Number 404 Anchor Length 20 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: Weak blow building to 9" in water Initial Flow Period

Weak blow building to a strong blow in 7 minutes Final Flow Period.

Recovered 30 ft. of Oil cut mud. 5% Oil

Recovered 457 ft. of Gas in pipe.

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s)	<u>4:12</u>	A.M.	Time Started Off Bottom	<u>7:42</u>	A.M.	Maximum Temperature	<u>134°</u>
Initial Hydrostatic Pressure	(A)	<u>2137</u>				P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>33</u>		P.S.I.	to
			(C)	<u>33</u>		P.S.I.	
Initial Closed In Period	Minutes	<u>54</u>	(D)	<u>1293</u>		P.S.I.	
Final Flow Period	Minutes	<u>45</u>	(E)	<u>39</u>		P.S.I.	to
			(F)	<u>39</u>		P.S.I.	
Final Closed In Period	Minutes	<u>72</u>	(G)	<u>754</u>		P.S.I.	
Final Hydrostatic Pressure	(H)	<u>2115</u>				P.S.I.	

# RICKETTS TESTING, INC.

## Pressure Data

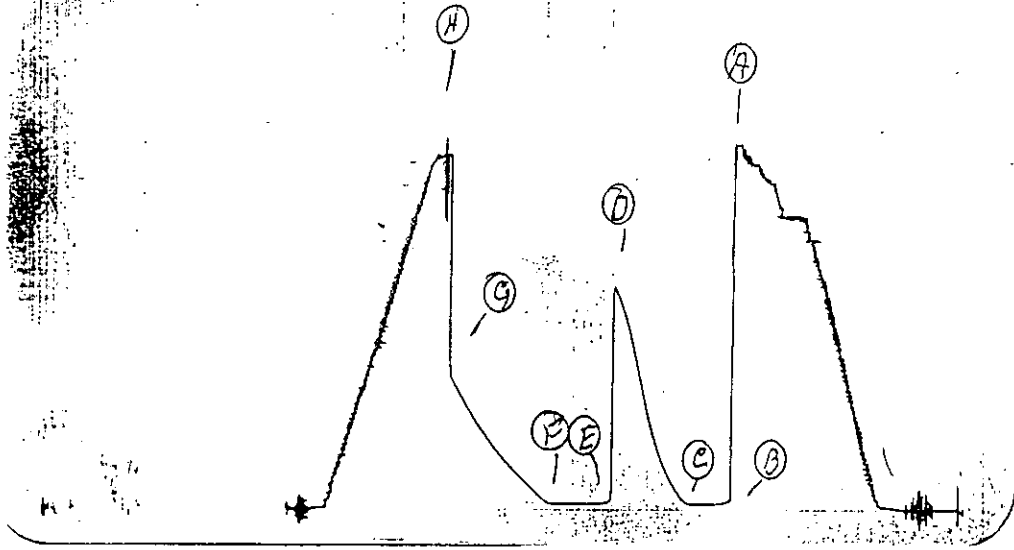
Date 11-6-96  
 Recorder No. 13307 Capacity 4650 Test Ticket No. 1841  
 Location 4403 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1377 G.L. Well Temperature 134 °F  
 Point \_\_\_\_\_ Pressure \_\_\_\_\_ Time Given \_\_\_\_\_ Time Computed \_\_\_\_\_  
 A Initial Hydrostatic Mud 2137 P.S.I. Open Tool 4:12 A M  
 B First Initial Flow Pressure 33 P.S.I. First Flow Pressure 30 Mins. 30 Mins.  
 C First Final Flow Pressure 33 P.S.I. Initial Closed-in Pressure 60 Mins. 54 Mins.  
 D Initial Closed-in Pressure 1293 P.S.I. Second Flow Pressure 45 Mins. 45 Mins.  
 E Second Initial Flow Pressure 39 P.S.I. Final Closed-in Pressure 75 Mins. 72 Mins.  
 F Second Final Flow Pressure 39 P.S.I.  
 G Final Closed-in Pressure 754 P.S.I.  
 H Final Hydrostatic Mud 2115 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	final inc. of _____ Min.	of _____ mins. and a	final inc. of _____ Min.	of _____ mins. and a	final inc. of _____ Min.	of _____ mins. and a	final inc. of _____ Min.
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
0	33		0	33	0	39	0	39
2 5	33		3	46	5	39	3	55
3 10	33		6	65	10	39	6	69
4 15	33		9	99	15	39	9	88
5 20	33		12	139	20	39	12	109
6 25	33		15	185	25	39	15	129
7 30	33		18	243	30	39	18	155
8 35			21	310	35	39	21	183
9 40			24	380	40	39	24	203
10 45			27	482	45	39	27	231
11 50			30	584	50		30	255
12 55			33	710	55		33	286
13 60			36	830	60		36	317
14 65			39	930	65		39	343
15 70			42	1046	70		42	373
16 75			45	1141	75		45	415
17 80			48	1210	80		48	450
18 85			51	1270	85		51	487
19 90			54	1293	90		54	529
20 95			57				57	566
			60				60	603



DST #1 TR# 1841



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2135	2137	PSI
(B) First Initial Flow Pressure	35	33	PSI
(C) First Final Flow Pressure	35	33	PSI
(D) Initial Closed-in Pressure	1297	1293	PSI
(E) Second Initial Flow Pressure	35	39	PSI
(F) Second Final Flow Pressure	35	39	PSI
(G) Final Closed-in Pressure	754	754	PSI
(H) Final Hydrostatic Mud	2112	2115	PSI