

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: Pickrell Drilling Co.

License: 5123

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:

Well Name:

Comp. Date Old Total Depth

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

11/22/96 11/30/96 Plugged
Spud Date Date Reached TD Completion Date

SIDE ONE

API NO. 15- 135-23,967 -00 ORIGINAL

County NESS

- C - NE - NE Sec. 9 Twp. 16 Rge. 21 E

4620 Feet from (N) Line of Section

660 Feet from (W) Line of Section

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

Lease Name LAMER E Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2344 KB 2349

Total Depth 4310' PBT

Amount of Surface Pipe Set and Cemented at 292

Multiple Stage Cementing Collar Used? Yes X 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 JK 8-20-97
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 375 bbls

Dewatering method used: Evaporation and restore site 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 John S. Weir

Title President Date 7/19/97

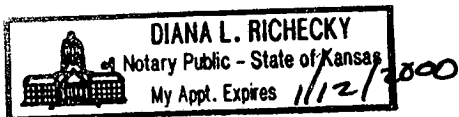
Subscribed and sworn to before me this 19th of July 1997.

Notary Public Diana L. Richecky

Date Commission Expires Jun 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

KANSAS RECEIVED
1997 JUL 21 P.M.

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

Sec. 9 Twp. 16S Rge. 21 East West
 County NESS

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 LOG,

Name	Formation (Top), Depth and Datum		<input checked="" type="checkbox"/> Sample
	Top	Datum	
ANHYDRITE	1659'	+ 690	
HEEBNER	3739'	-1390	
LANSING	3781'	-1432	
PAWNEE	4125	-1776	
FT SCOTT	4211'	-1862	
CHEROKEE A	4222'	-1873	
CHEROKEE B	4243'	-1894	
MISS	4292'	-1943	
RTD	4310'	-1961	

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#	292	60/40 POZ	180	2% GEL 3% CC
PRODUCTION							

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

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					
PLUGGED	Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production	Oil <u>N/A</u> Bbls. Gas <u>N/A</u> Mcf Water <u>N/A</u> Bbls. Gas-Oil Ratio					

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) _____

KANSAS RECEIVED
 1997 JUL 21 P 1:01
 KANSAS CORP COMM

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

103995 11/23/1996

WELL NAME PROJECT NO. STATE

WELL NAME PROJECT NO. STATE
ANER E-1 NESS KS SAME

SERVICE LOCATION JOB PURPOSE DATE

SERVICE LOCATION JOB PURPOSE DATE
AYS PICKRELL DRILLING CEMENT SURFACE CASINO 11/23/1996

ACCOUNT NO. CUSTOMER REF. COMPANY NO. CUSTOMER (PO) NUMBER SHIP TO

ACCOUNT NO. CUSTOMER REF. COMPANY NO. CUSTOMER (PO) NUMBER SHIP TO
46989 DOYLE FOLKERTS COMPANY TRUCK 16959

ORIGINAL

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

DIRECT CORRESPONDENCE TO:
1102 E. 8TH
HAYS KS 67601
913-625-3431

REFERENCE NO. DESCRIPTION QUANTITY UNIT UNIT PRICE AMOUNT

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	72 MI		2.99	215.28
		1 UNT			
001-016	CEMENTING CASINO	292 FT		605.00	605.00
		1 UNT			
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8 IN		95.00	95.00
		1 EA			
504-136	CEMENT - 40/60 POZMIX STANDARD	180 SK		8.14	1,465.20
506-121	HALLIBURTON-GEL 2X	3 LB		.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4 SK		40.75	163.00
500-207	BULK SERVICE CHARGE	188 CFT		1.35	253.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	272.628 TMI		1.05	286.26

INVOICE SUBTOTAL

3,083.54

DISCOUNT-(BID)

1,140.89-

INVOICE BID AMOUNT

1,942.65

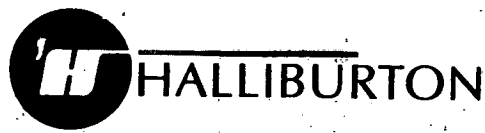
*- KANSAS STATE SALES TAX
*- HAYS CITY SALES TAX

69.87
14.26

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

3,026.78

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

HALLIBURTON ENERGY SERVICES

HAL-1906-P

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

CUSTOMER COPY

TICKET

No.

103995 - 1

PAGE 1 OF 2

SERVICE LOCATIONS 1. WY, KS	WELL/PROJECT NO. E-1	LEASE LYNER	COUNTY/PARISH NESS	STATE KS	CITY/OFFSHORE LOCATION	DATE 11-23-96	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR PICKRELL DRILLING	RIG NAME/NO.	SHIPPED VIA 53293m	DELIVERED TO LOCATION	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO. 15135239670000	WELL LOCATION 9 - 155 - 21W		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1		37	MILEAGE		72	MZ	1	2.99	215.28
001-016		1			PUMP SERVICE		292	FT	6	605.00	605.00
000-503		1			U-11 WOOD PUG		1	EA	8	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

X *Doyle Folkerts*
 DATE SIGNED: **11-23-96** TIME SIGNED: **1500**
 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	915.28
FROM CONTINUATION PAGE(S)	2168.28
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	3083.56

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): **DOYLE FOLKERTS**

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X** *Doyle Folkerts*

HALLIBURTON OPERATOR/ENGINEER: **Wayne E. Wilson**

EMP #: **89377**

HALLIBURTON APPROVAL: _____

1997 JUL 21 10:00 AM
 RECEIVED COMM
 MANASSAS CORP



TICKET No. 103995

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Oil Producers of Kansas	WELL Lamer	R-1	DATE 11-23-96	PAGE 2	OF 2
--	----------------------	-----	-------------------------	------------------	----------------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-136		1			40/60 Pozmix Standard	180				8.14	1,465.20
506-121		1			3ak Halliburton Cal@2%						n/c
509-406		1			Caclium Chloride	4				40.75	163.00
					SERVICE CHARGE	CUBIC FEET		188		1.35	253.80
500-207		1				MILEAGE CHARGE		36			
500-306		1			TOTAL WEIGHT	TON MILES		272.628		1.05	286.26

RECEIVED
 KANSAS CORP COMM
 1997 JUL 21 P 1:01

ORIGINAL

No. B 339106

CONTINUATION TOTAL 2,168.26

FIELD _____ SEC **9** TWP. **15S** RNG. **21W** COUNTY **NESS** 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	V	20	8 5/8	K8	292	
LINER						
TUBING						
OPEN HOLE			12 1/4	292	295	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG W-11	1	Howco
HEAD PC	1	"
PACKER		
OTHER		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-23	DATE 11-23	DATE 11-23	DATE 11-23
TIME 1030	TIME 1400	TIME 1720	TIME 1830

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. WELSON	PV 39604	HAYS, KS
D. ASH	PTAR 53293	"
K. RECHMEYER	BULK 3860	"

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: **8 5/8" SURFACE**
TOTAL PDC - 295'
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE: **X Wayne E. Wick**
 HALLIBURTON OPERATOR: **Wayne E. Wick** COPIES REQUESTED: **1**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	180	P 40 / S 60		8	270 GEL, 370 CC	1.3	13.9

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. **41.7**
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS: **SEE JOB LOG**
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET **15'** REASON **REQUESTED**

FIELD OFFICE

CUSTOMER OIL PRODUCER 2X OF KS
 LEASE LOWER
 WELL NO. E-1
 JOB TYPE 8 5/8" SURFACE
 DATE 11-23-96



JOB LOG HAL-2013-C

CUSTOMER OIL PRODUCERS TX OF KS	WELL NO. E-1	LEASE LAMEZ	JOB TYPE 8 5/8" SURFACE	TICKET NO. 103995
------------------------------------	-----------------	----------------	----------------------------	----------------------

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							CAUSE OUT
	1400							ON LOCATION - DISCUSS JOB PROCEDURE
	1720							BREAK CIRCULATION - MUD PUMP
	1735	6 1/2	41.7		✓		200	MAX CEMENT ORIGINAL
	1745							RELEASE PLUG
	1747	7	0		✓		300	DISPLACE PLUG
	1750	7	18.3					PLUG DOWN
								SHUT IN MANIFOLD
								CIRCULATED 35 SKS CEMENT TO BIT
								WASH UP
								BACK UP
	1830							JOB COMPLETE
								THANK YOU WAYNE, DAVE, KENNY

RECEIVED
MIDLANDS CORP. CO. TX
NOV 21 10 11 01

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

104011 11/30/1996

AMAR E 1	NESS	KS	SAME
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AYS	HALLARD DRILLING	PLUG TO ABANDON	11/30/1996
-----	------------------	-----------------	------------

46989	RICHARD FORAN	COMPANY TRUCK	17229
-------	---------------	---------------	-------

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
BOX 8547
WICHITA, KS 67208

1102 E. 8TH
HAYS, KS 67601
913-625-3431

REFERENCE NO. QUANTITY UNIT PRICE

DRILLING AREA - MID CONTINENT			
000-117	MILEAGE CEMENTING ROUND TRIP	70 MI	2.99
		1 UNT	
090-910	MISCELLANEOUS PUMPING JOB	3 TRK	650.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8 IN	95.00
		1 EA	
504-136	CEMENT - 40760 POZMIX STANDARD	205 SK	8.34
507-277	HALLIBURTON-CEL BENTONITE	7 SK	18.60
507-210	FLOCELE	51 LB	1.65
500-207	BULK SERVICE CHARGE	222 CFT	1.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	306.425 TMI	1.05

INVOICE SUBTOTAL	3,458.80
DISCOUNT - (BID)	1,279.72
INVOICE BID AMOUNT	2,179.08
*- KANSAS STATE SALES TAX	80.24
*- HAYS CITY SALES TAX	15.38

INVOICE TOTAL PLEASE PAY THIS AMOUNT 2,275.00

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.

WELL DATA

FIELD _____ SEC *9* TWP *16* RNG *21* COUNTY *Ness* STATE *Ky*

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 *4310*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING			<i>PTA</i>			
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>11-30-96</i>	DATE <i>11-30-96</i>	DATE <i>11-30-96</i>	DATE <i>11-30-96</i>
TIME <i>0500</i>	TIME <i>0845</i>	TIME <i>0930</i>	TIME <i>1300</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <i>2 5/8 LA-11</i>	<i>1</i>	<i>HALCO</i>
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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

ORIGINAL

DEPARTMENT *cast*

DESCRIPTION OF JOB *PTA*

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

CUSTOMER REPRESENTATIVE *X Rutland Force*

HALLIBURTON OPERATOR *Allen F. Worth* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>205</i>	<i>40/60</i>	<i>Port</i>	<i>B</i>	<i>6%obol 1/4# Fluorite</i>	<i>1.67</i>	<i>126</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

PRESLUSH: BBL.-GAL. _____

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

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

CEMENT SLURRY: BBL. *see 61*

TOTAL VOLUME: BBL.-GAL. _____

REMARKS *see Job log & chart*

thanks Allen, Craig, Kyle

CUSTOMER *01 Prod of Ks*
LEASE *1/1/96*
WELL NO. *1*
JOB TYPE *PTA*
DATE *11-30-96*

RECEIVED
11/30/96
11:02 AM



JOB LOG HAL-2013-C

CUSTOMER Oil Prod of Ks	WELL NO. #1	LEASE Lamar #1 E	JOB TYPE PTA	TICKET NO. 104011
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS (A) (B) (C)	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					TUBING	CASING	
1	0500 0845						Called out on location w/ equip + cement 20.5 sks 40/60 PZ 69/96 1/4" #1 Flare Discuss safety setup + Plan Job Rig laying down collars D.P. 1700 - Break down Kelly Plug a 1700' w/ 50 sks cement - Pump 3 BBLs mix 50 sks cement
	0938 1000		3 14.5				Pump 1 BBL H ₂ O Pump 21 BBLs mud. Pull Drill Pipe
	1045		3 24 2				D.P. @ 1000 Pump 3 BBL H ₂ O space mix 80 sks cement Pump 2 BBL H ₂ O
	1130		3 19 1/2 1				D.P. @ 320 - Pump 3 BBLs H ₂ O Pump 50 sks cement Pump 1 BBL H ₂ O
			3				Pull DP out of Hole cement 40' to surface w/ Plug 'mud' USE 10 SKS
	1200		4 1/2				Plug Rat Hole w/ 15 sks cement washup equip + Rack up Finish paper work Job complete

ORIGINAL

Thanks Allan
11-30-96
Lyle

RECEIVED
11-30-96

ORIGINAL

DST REPORT

15-135-23967

GENERAL INFORMATION

DATE	: 11-29-96	TICKET	: 21845
CUSTOMER	: OIL PRODUCERS INC. OF KS.	LEASE	: LAMER
WELL	: E #1	TEST:	1
ELEVATION:	2344 GR.	GEOLOGIST:	BILL SHEPARD
SECTION	: 9	FORMATION:	PAWNEE
RANGE	: 21W	TOWNSHIP	: 16S
Gauge SN#:	13551	STATE	: KS
		COUNTY:	NESS
		RANGE	: 4150
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4180.00 ft	TO:	4215.00 ft	TVD:	4215.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4183.0 ft		4186.0 ft		
TEMPERATURE:	0.0				
DRILL COLLAR LENGTH:	172.0 ft	I.D.:	2.200 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	3988.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	35.0 ft	ANCHOR SIZE:	5.500 in		
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in		
MAIN HOLE SIZE :	7.785 in	TOOL JOINT SIZE :	4.5XH		
PACKER DEPTH:	4175.0 ft	SIZE:	6.750 in		
PACKER DEPTH:	4180.0 ft	SIZE:	6.750 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	PICKRELL DRLG.	VISCOSITY :	31.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.000 cc
WEIGHT :	94.000 ppg	SERIAL NUMBER:	NO
CHLORIDES :	0 ppm	REVERSED OUT?:	NO
JARS-MAKE :	NO		
DID WELL FLOW?:	NO		

COMMENTS

Comment

STRONG BLOW OFF BOTTOM OF BUCKET IN 12 MINUTES ON INITIAL FLOW PERIOD. STRONG BLOW OFF BOTTOM OF BUCKET IN 12 MINUTES ON INITIAL FLOW PERIOD.

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DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
457.0	0.5	0.0	0.0	95.5	MUD W/ FEW OIL SPOTS
732.0	9.0	0.0	0.0	91.0	OIL C/MUD-SOME GASSY ODOR
244.0	0.0	0.0	100.0	0.0	WATER CHLORIDES 26000PPM

RATE INFORMATION

OIL VOLUME:	0.9561 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	394.1024 STB/D
MUD VOLUME:	15.4648 STB	AVERAGE WATER RATE:	43.6447 STB/D
WATER VOLUME:	1.8185 STB		
TOTAL FLUID :	18.2395 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2122.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	355.00	397.00
INITIAL SHUT-IN	30.00		627.00
FINAL FLOW	30.00	481.00	502.00
FINAL SHUT-IN	45.00		617.00

FINAL HYDROSTATIC PRESSURE: 2102.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2144.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	364.06	418.06
INITIAL SHUT-IN	30.00		630.58
FINAL FLOW	30.00	506.90	527.80
FINAL SHUT-IN	45.00		638.41

FINAL HYDROSTATIC PRESSURE: 2088.00

Company: OIL PRODUCERS INC. OF KS.
 Well: LAMER 3 #1
 Field: TKT #21845 DST #1

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 Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)

START FLOW 1				
1	0	11: 0: 7	0.0000	364.06
9	0	11: 1: 5	0.0160	362.32
18	0	11: 2: 9	0.0340	361.45
27	0	11: 3:14	0.0520	361.45
36	0	11: 4:19	0.0699	362.32
45	0	11: 5:24	0.0879	363.19
54	0	11: 6:28	0.1059	365.80
63	0	11: 7:33	0.1239	366.67
72	0	11: 8:38	0.1419	368.42
81	0	11: 9:43	0.1599	371.03
90	0	11:10:47	0.1778	372.77
99	0	11:11:52	0.1958	376.26
108	0	11:12:57	0.2138	378.00
117	0	11:14: 2	0.2318	380.61
126	0	11:15: 6	0.2498	383.22
135	0	11:16:11	0.2678	385.84
144	0	11:17:16	0.2858	388.45
153	0	11:18:21	0.3038	390.19
162	0	11:19:25	0.3217	392.80
171	0	11:20:30	0.3397	396.29
180	0	11:21:35	0.3577	399.77
189	0	11:22:40	0.3757	402.38
198	0	11:23:44	0.3937	406.74
207	0	11:24:49	0.4117	408.48
216	0	11:25:54	0.4296	410.22
225	0	11:26:59	0.4476	413.71
234	0	11:28: 3	0.4656	416.32
243	0	11:29: 8	0.4836	418.06
END FLOW 1				
START SHUT IN 1				
248	0	11:29:44	0.4936	421.55
252	0	11:30:13	0.5016	543.48
261	0	11:31:18	0.5196	560.03
270	0	11:32:22	0.5376	571.35
279	0	11:33:27	0.5555	580.06
288	0	11:34:32	0.5735	587.03
297	0	11:35:37	0.5915	592.25
306	0	11:36:41	0.6095	597.48
315	0	11:37:46	0.6275	602.71
324	0	11:38:51	0.6455	606.19
333	0	11:39:56	0.6635	608.80
342	0	11:41: 0	0.6814	611.42
351	0	11:42: 5	0.6994	613.16
360	0	11:43:10	0.7174	616.64
369	0	11:44:15	0.7354	616.64
378	0	11:45:19	0.7534	619.25
387	0	11:46:24	0.7714	620.12
396	0	11:47:29	0.7893	621.00
405	0	11:48:34	0.8073	622.74
414	0	11:49:38	0.8253	623.61
423	0	11:50:43	0.8433	625.35
432	0	11:51:48	0.8613	625.35
441	0	11:52:53	0.8793	626.22
450	0	11:53:57	0.8972	627.96

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Company: OIL PRODUCERS INC. OF KS.
 Well: LAMER 3 #1
 Field: TKT #21845 DST #1

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
459	0	11:55: 2	0.9152	627.96
468	0	11:56: 7	0.9332	629.71
477	0	11:57:12	0.9512	629.71
486	0	11:58:16	0.9692	630.58
END SHUT IN 1 START FLOW 2				
495	0	11:59:35	0.9912	506.90
504	0	12: 0:40	1.0092	504.29
513	0	12: 1:45	1.0271	501.67
522	0	12: 2:50	1.0451	501.67
531	0	12: 3:54	1.0631	501.67
540	0	12: 4:59	1.0811	502.54
549	0	12: 6: 4	1.0991	502.54
558	0	12: 7: 9	1.1171	504.29
567	0	12: 8:13	1.1351	505.16
576	0	12: 9:18	1.1530	506.03
585	0	12:10:23	1.1710	507.77
594	0	12:11:28	1.1890	508.64
603	0	12:12:32	1.2070	508.64
612	0	12:13:37	1.2250	510.38
621	0	12:14:42	1.2430	512.13
630	0	12:15:47	1.2609	513.00
639	0	12:16:51	1.2789	515.61
648	0	12:17:56	1.2969	517.35
657	0	12:19: 1	1.3149	518.22
666	0	12:20: 6	1.3329	518.22
675	0	12:21:10	1.3509	519.09
684	0	12:22:15	1.3689	519.96
693	0	12:23:20	1.3868	520.84
702	0	12:24:25	1.4048	521.71
711	0	12:25:29	1.4228	522.58
720	0	12:26:34	1.4408	524.32
729	0	12:27:39	1.4588	525.19
738	0	12:28:44	1.4768	526.93
747	0	12:29:48	1.4948	527.80
END FLOW 2 START SHUT IN 2				
752	0	12:30:24	1.5047	529.54
756	0	12:30:53	1.5127	567.00
765	0	12:31:58	1.5307	577.45
774	0	12:33: 3	1.5487	585.29
783	0	12:34: 7	1.5667	593.12
792	0	12:35:12	1.5847	598.35
801	0	12:36:17	1.6027	602.71
810	0	12:37:22	1.6207	607.06
819	0	12:38:26	1.6386	608.80
828	0	12:39:31	1.6566	609.67
837	0	12:40:36	1.6746	612.29
846	0	12:41:41	1.6926	613.16
855	0	12:42:45	1.7106	614.90
864	0	12:43:50	1.7286	616.64
873	0	12:44:55	1.7465	618.38
882	0	12:46: 0	1.7645	619.25
891	0	12:47: 4	1.7825	620.12
900	0	12:48: 9	1.8005	621.87

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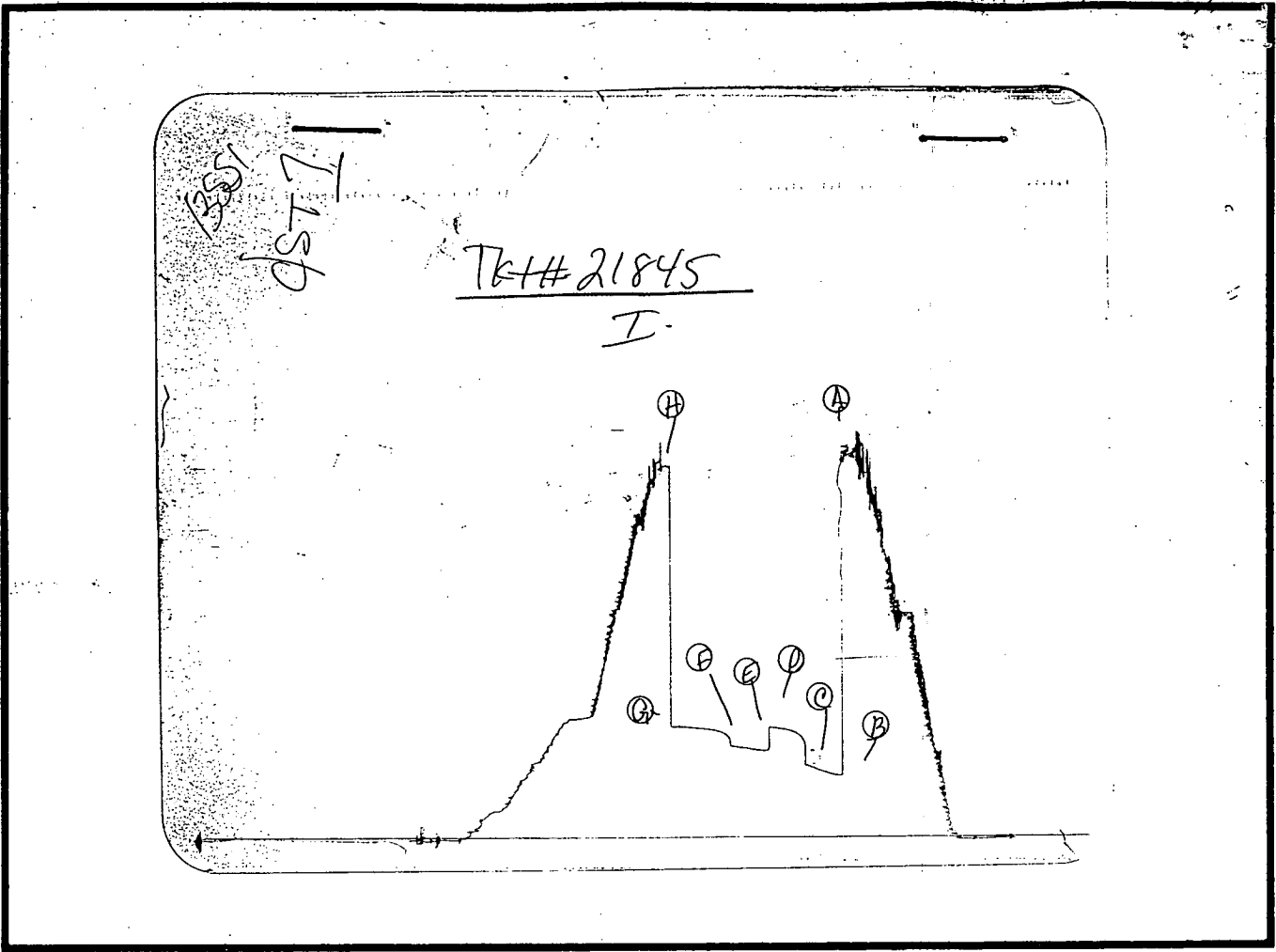
Company: OIL PRODUCERS INC. OF KS.
Well: LAMER 3 #1
Field: TKT #21845 DST #1

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
909	0	12:49:14	1.8185	622.74
918	0	12:50:18	1.8365	622.74
927	0	12:51:23	1.8544	624.48
936	0	12:52:28	1.8724	625.35
945	0	12:53:33	1.8904	626.22
954	0	12:54:37	1.9084	627.09
963	0	12:55:42	1.9264	627.96
972	0	12:56:47	1.9444	627.96
981	0	12:57:52	1.9624	629.71
990	0	12:58:56	1.9804	630.58
999	0	13: 0: 1	1.9983	630.58
1008	0	13: 1: 6	2.0163	630.58
1017	0	13: 2:11	2.0343	631.45
1026	0	13: 3:15	2.0523	631.45
1035	0	13: 4:20	2.0703	632.32
1044	0	13: 5:25	2.0883	632.32
1053	0	13: 6:30	2.1062	633.19
1062	0	13: 7:34	2.1242	634.06
1071	0	13: 8:39	2.1422	634.06
1080	0	13: 9:44	2.1602	634.93
1089	0	13:10:49	2.1782	635.80
1098	0	13:11:53	2.1962	636.67
1107	0	13:12:58	2.2141	636.67
1116	0	13:14: 3	2.2321	636.67
1125	0	13:15: 8	2.2501	636.67
1134	0	13:16:12	2.2681	637.54
1143	0	13:17:17	2.2861	638.41

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