

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: KANSAS INDUSTRIAL/ through KGS pipeline

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: MALLARD JV, INC.

License: 4958

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. \_\_\_\_\_

11/26/99 \_\_\_\_\_ 12/7/99 \_\_\_\_\_ 01/13/00 \_\_\_\_\_  
Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

SIDE ONE

API NO. 15- 097-21448-0000

ORIGINAL

County KIOWA

SE SE - NE Sec. 28 Twp. 29 Rge. 19 <sup>E</sup> <sub>W</sub>

2970 Feet from S/N (circle one) Line of Section

330 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 EDMONSTON B Well # 1

Field Name CORMICK

Producing Formation MISSISSIPPI DOLOMITE

Elevation: Ground 2359 KB 2364

Total Depth 5225 PBTB 5182

Amount of Surface Pipe Set and Cemented at 619

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 Att. 1, 7-10-00 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 19000 ppm Fluid volume 200 bbls

Dewatering method used: EVAPORATION AND RESTORE SITE

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, 130 S. Market Room 2078, 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 05/23/2000

Subscribed and sworn to before me this 23rd of May, 2000.

Notary Public Diana L. Richecky

Date Commission Expires Jan. 12, 2004

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)



RECEIVED  
STATE CORPORATION COMMISSION

MAY 24 2000

CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Oil Producers, Inc. of Kansas Lease Name EDMONSTON B Well # 1  
 Sec. 28 Twp. 29S Rge. 19  East  West  
 County KIOWA

**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	<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	4301'	-1937'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BROWN LIME	4479'	-2115'
		LANSING	4497'	-2133'
		MISSISSIPPI	5104'	-2740'
		LTD	5226'	-2862'

(Submit Copy)  
 List All E.Logs Run: GEOLOGICAL LOG, DUAL INDUCTION LOG, COMPENSATED NEUTRON DENSITY LOG, DUAL RECEIVER CEMENT BOND 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
CONDUCTOR							
SURFACE	12 3/4"	8 5/8"	24#	618	ALW/Class A	175/125	3% CC 1/4# Floseal
PRODUCTION	7 7/8	4 1/2"	10.5%	5224	EA-2	125	

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
2	5110 - 5112'	SEE ATTACHED INITIAL COMPLETION REPORT	same
2	5115 - 5118'		
2	5124 - 5125'		
2	5131 - 5140		

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 5134.21'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 2/12/00	Producing Method X		Flowing Pumping Gas Lift Other (Explain)	
Estimated Production	Oil Bbls.	Gas 1070 mcfpd	Water BWPD	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) \_\_\_\_\_

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 MAY 24 2000  
 CONSERVATION DIVISION  
 Wichita, Kansas

ORIGINAL

OIL PRODUCERS INC., OF KS.  
INITIAL COMPLETION REPORT

WELL - EDMONSTON B #1

LEGAL - SE/SE/NE OF 28-29s-19w IN KIOWA CO. KS.

API # - 15-097-21,448

G.L. - 2359'

K.B. - 5' ABOVE G.L. @ 2364'

SURFACE CSN - 8 5/8" @ 619' WITH 300 SX.

RTD - 5225'

LTD - 5226'

PRODUCTION CASING - 4 1/2", 11.5# AND 10.5# @ 5224' WITH 125 SX EA-2

TOP OF CEMENT - 4750' WITH GOOD CEMENT ACROSS MISS.

PBTD - 5182' (ELI CORRELATION LOG RAN 1/6/00)

PERFORATIONS - MISS DOLO-----5110'-5112' WITH 2 SHOTS/FT. 1/10/00  
MISS DOLO-----5115'-5118' WITH 2 SHOTS/FT. 1/10/00  
MISS DOLO-----5124'-5125' WITH 2 SHOTS/FT. 1/10/00  
MISS DOLO-----5131'-5140' WITH 2 SHOTS/FT. 1/10/00

TUBING RAN - 15' MA, SN, 164 JTS. 2 3/8" TUBING (5134.21'), 8' SUB.

TUBING SET @ - 5161.31'

AVERAGE TBG JT. - 31.30'

SURFACE EQUIPMENT- 20" X 8' VERTICAL 500# SEPARATOR W/MANUAL DUMP. SN-2106  
SKID MOUNTED WITH BS&B HORIZONTAL 2' X 10' LINE HEATER

10' X 12' FIBERGLASS WATER TANK.

1/6/00

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC CEMENT BOND LOG.

FOUND TOTAL DEPTH - 5182' (THIS IS 10' HIGH TO TOP OF INSERT @ 5192')

FOUND TOP OF CEMENT - 4750', WITH GOOD CEMENT BONDING ACROSS PAY INTERVALS.

1/8/00

COMANCHE WELL SERVICE ON LOCATION, RIG UP D-D DERRICK.

SWAB 4 1/2" CASING DOWN TO 4700' FROM SURFACE.

SHUT DOWN FOR THE WEEKEND.

ORIGINAL

1/10/00

ELI ON LOCATION TO PERFORATE PROPOSED INTERVALS IN MISS DOLOMITE UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

PERFORATE MISS DOLO - 5110'-5112' WITH 2 SHOTS/FT.

PERFORATE MISS DOLO - 5115'-5118' WITH 2 SHOTS/FT.

PERFORATE MISS DOLO - 5124'-5125' WITH 2 SHOTS/FT.

PERFORATE MISS DOLO - 5131'-5140' WITH 2 SHOTS/FT.

FOUND TOTAL DEPTH - 5180' (THIS IS 12' HIGH TO TOP OF INSERT @ 5192')

COMANCHE RIGGED UP 4 1/2" CASING SWAB.

SWAB WELL DOWN TO TTL DEPTH 5180'. VERY STRONG GAS BLOW.

1/2 HR. TEST - RECOVERED 100' WATER, MEASURE GAS @ 500 MCFPD.

ACID SERVICES ON LOCATION TO ACIDIZE ALL MISS PERFS WITH 2000 GALS 15% DSFE ACID AND 45 BALL SEALERS.

ACIDIZE MISS PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE

PUMP 1500 GALS 15% DSFE WITH 45 BALL SEALERS SPACED EQUALLY.

LOAD HOLE WITH 33 BBLs FIELD BRINE.

PRESSURE TO 2000 psi. STARTED FEEDING.

DISPLACE 500 GALS ACID @ 6.5 BPM - 600 psi TO 300 psi.

DISPLACE 1500 GALS ACID W/BALLS @ 6.5 BPM - 300 psi TO 2000 psi.

NOTE: - BALLED PERFS OFF WITH 100 GALS ACID LEFT IN CASING.

BLEW PRESSURE OFF. WELL WENT ON VAC.

TTL LOAD - 130 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST MISS AFTER ACID.

TEST MISS PERFS AFTER ACID AS FOLLOWS:

FOUND FL. LEV. @ 1000' FROM SURFACE.

SWAB BACK 84.34 BBLs. BLEW TOOLS OUT OF HOLE.

1 HR. FLOW TEST - MEASURE GAS @ APPROX 9000 MCFPD, HEAVY MIST FLUID.

1 HR. FLOW TEST - MEASURE GAS @ 8200 MCFPD. HEAVY MIST OF FLUID.

1 HR. FLOW TEST - MEASURE GAS @ 5040 MCFPD. LIGHT MIST OF FLUID.

1 HR. FLOW TEST - MEASURE GAS @ 4710 MCFPD. LIGHT MIST OF FLUID, WITH SHOW OIL.

SHUT DOWN FOR THE NIGHT.

1/11/00

SICP - 1435 psi, SBHP - CALCULATES 1679 psi. (ASSUMING NO FLUID FILL-UP)

BLEW WELL DOWN.

1 HR. FLOW TEST - MEASURE GAS @ 8000 MCFPD. NO FLUID.

ACID SERVICES ON LOCATION TO RE-ACIDIZE ALL MISS PERFS WITH 4000 GALS 15% SGA ACID AND 4000 GALS 25# GELLED WATER TO MAKE UP STAGED PAD ACID STIMULATION TREATMENT.

RE-ACIDIZE ALL MISS PERFS AS FOLLOWS:

PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 0#

PUMP 1000 GALS 25# GELLED WATER, DISPLACE @ 5 BPM - 0#

PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 50#

PUMP 1000 GALS 25# GELLED WATER, DISPLACE @ 5 BPM - 75#

PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 75#

PUMP 1000 GALS 25# GELLED WATER, DISPLACE @ 6 BPM - 175#

ORIGINAL

ACID JOB AS FOLLOWS CONT.

PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 6 BPM - 175#  
PUMP 1000 GALS 25# GELLED WATER, DISPLACE @ 6 BPM - 175#  
ISIP - VAC, TTL LOAD - 270 BBLs.

SIOUX TRUCKS ON LOCATION WITH TUBING.  
UNLOADED 168 JTS. 2 3/8" USED T&D TUBING (5261'), 152 JTS. ( 4742' FROM GILLETTE LEASE),  
BALANCE PURCHASED FROM SMITH SUPPLY.

COMANCHE RIGGED TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE X 2 3/8"	1.10'
164 JTS. USED T&D TUBING	5134.21'
8' X 2 3/8" TUBING SUB	8.00'
K.B. (5' < 2' ABOVE G.L.)	3.00'
<u>TUBING SET @</u>	5161.31'
SN SET @	5146.31'

TAG TOTAL DEPTH @ 5182', PICK UP & SET TUBING 21' OFF BOTTOM.  
PACK TUBING OFF.

COMANCHE RIGGED UP TUBING SWAB TO SWAB BACK ACID LOAD AND TEST.  
COULD NOT GET DOWN PAST 2500' WITH TUBING SWAB DUE TO SCALE.  
RAN OUT OF DAYLIGHT. WILL PROCEED IN AM.  
SHUT DOWN FOR THE NIGHT.

1/12/00

COMANCHE RIGGED TO SWAB BACK ACID LOAD.  
WORKED TUBING SWAB THROUGH TIGHT SPOT @ 2500'.

SWAB AND FLOW TEST MISS AFTER RE-ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 2000' FROM SURFACE.  
SWABBED 43 BBLs OF LOAD BACK, WELL KICKED OFF FLOWING.  
FLOW WELL FOR 4 HRS. RECOVERED TOTAL OF 172 BBL OF LOAD @ THIS POINT.  
MEASURE GAS @ END OF 4 HR. FLOW @ 3800 MCFPD, HEAVY MIST OF FLUID WITH 860 psi FCP.  
LEFT WELL FLOWING TO PIT OVERNIGHT.

1/13/00

WELL STILL FLOWING TO PIT.  
MEASURE GAS FLOW @ 3220 MCFPD, LIGHT MIST OF FLUID, NO OIL. FCP = 700 psi.  
SHUT WELL IN.  
COMANCHE WELL RIGGED DOWN AND MOVED OFF LOCATION.

WILL SET GAS SEPARATOR AND LINE HEATER ASAP.  
WILL SET 10' X 12' 200 BBL FIBERGLASS WATER TANK ASAP.

WILL LAY GAS SALES LINE TO WEST 3/4 MILE AND TIE INTO KGS METER STATION AS SOON  
AS THEY CONSTRUCT METER SITE.

END OF REPORT

BRAD SIROKY.

# ALLIED CEMENTING CO., INC.

3447

Federal Tax I.D.# 48-0727860

ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

New City

DATE <u>11-27-79</u>	SEC. <u>23</u>	TWP. <u>29</u>	RANGE <u>19</u>	CALLED OUT <u>6:00AM</u>	ON LOCATION <u>8:30AM</u>	JOB START <u>12:00PM</u>	JOB FINISH <u>1:00PM</u>
LEASE <u>Donston</u>		WELL # <u>B-1</u>		LOCATION <u>54+183 Jct - 75-4w, 2s, w/s</u>		COUNTY <u>Kiowa</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Mallard Dwyer  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D. 626'  
 CASING SIZE 8 3/8" (New 24") DEPTH 618'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 41'  
 CEMENT LEFT IN CSG. 41'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 3 3/4 bbls

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 175 lbs ALW 35cc 1/4 # flo seal / sh  
125 lbs common 35cc - 290 lbs

COMMON	<u>125</u>	@	<u>6.35</u>	<u>793.75</u>
POZ MIX	<u>175 ALW</u>	@	<u>6.00</u>	<u>1050.00</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>9</u>	@	<u>28.00</u>	<u>252.00</u>
Flo seal	<u>44 #</u>	@	<u>1.15</u>	<u>50.60</u>
		@		
		@		
		@		
		@		
HANDLING	<u>300</u>	@	<u>1.05</u>	<u>315.00</u>
MILEAGE	<u>44</u>			<u>528.00</u>

TOTAL \$ 3008.35

**EQUIPMENT**

PUMP TRUCK CEMENTER Tim D  
 # 224 HELPER Jim W  
 BULK TRUCK  
 # 258 DRIVER Rick W  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Run 618' of 8 3/8" casing. Break circulation.  
Mixed - 175 lbs ALW 35cc - 1/4 # flo seal / sh  
followed by 125 lbs common 35cc 290 lbs  
Released plug, displaced with fresh H<sub>2</sub>O.

Cement did circulate  
Thanks

**SERVICE**

DEPTH OF JOB	<u>618'</u>			
PUMP TRUCK CHARGE	<u>0-300'</u>			<u>470.00</u>
EXTRA FOOTAGE	<u>318'</u>	@	<u>.43</u>	<u>136.74</u>
MILEAGE	<u>44</u>	@	<u>2.85</u>	<u>125.40</u>
PLUG	<u>1-8 3/8 TWP</u>	@	<u>45.00</u>	<u>45.00</u>
		@		
		@		

TOTAL \$ 777.14

CHARGE TO: Oil Producers, Inc. of Kansas  
 STREET P.O. Box 8647 - 2400 N. Woodbine #230  
 CITY Wichita STATE Ks ZIP 67278-8647

**FLOAT EQUIPMENT**

1-8 3/8 Raffle plate	@	<u>45.00</u>	<u>45.00</u>
	@		
	@		
	@		
	@		

TOTAL \$ 45.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX — 0 —  
 TOTAL CHARGE \$ 3830.49  
 DISCOUNT \$ 766.10 IF PAID IN 30 DAYS

SIGNATURE [Signature]

SIGNATURE [Signature]  
 PRINTED NAME Barbara Hess

Net \$ 3064.39



**COPY ORIGINAL**

**SALES OFFICE:**  
 105 S. Broadway  
 Suite #420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX

**ACIDIZING · FRACTURING · CEMENTING**

**Invoice**

<b>Bill to:</b>		6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS			991219	12/16/99	2287	12/7/99
P.O. Box 8647			<b>Service Description</b>			
Wichita, KS 67208			Cement - Production String			
			<b>Lease</b>		<b>Well</b>	
			Edmonston		B-1	
<b>AFE</b>	<b>Customer Rep.</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Shane Summers	Dave Scott	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	AA2	SK	125	\$13.56	\$1,695.00
D202	60/40 POZ	SK	35	\$8.00	\$280.00
C223	SALT (Fine)	LBS	668	\$0.35	\$233.80
C322	GILSONITE	LB	590	\$0.55	\$324.50
C192	FLA-1, FLUID LOSS	LB	30	\$3.20	\$96.00
F100	CENTRALIZER, 4 1/2"	EA	4	\$50.00	\$200.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$184.00	\$184.00
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$190.00	\$190.00
C312	GAS BLOCK	GAL	13	\$25.00	\$325.00
C300	"A" FLUSH	GAL	5	\$20.00	\$100.00
R701	CEMENT HEAD RENTAL	EA	1	\$70.00	\$70.00
E107	CEMENT SERVICE CHARGE	SK	160	\$1.50	\$240.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$2.50	\$100.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	296	\$1.25	\$370.00
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00

**Sub Total:** \$6,148.30

**Discount:** \$1,994.25

**Discount Sub Total:** \$4,154.05

**Tax Rate:** 5.90% **Taxes:** \$0.00

(1) Taxable Item

**Total:** \$4,154.05

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



ORIGINAL  
02287

INVOICE NO.		Subject to Correction		FIELD ORDER	
Date	12-17-99	Lease	Edmonston	Well #	B-1
Customer ID		County	Hiowa	State	KS
Oil Producers Inc of KS		Depth	TD=3225	Formation	
		Casing	4.5	Casing Depth	3224
		TD	3225	Shoe Joint	31.26
		Customer Representative	Shane Summers	Treater	Dave Scott
		Job Type	Prod Spring New Well		

CHARGE

AFE Number	PO Number	Materials Received by	X <i>Shane Summers</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 sks	AA-2				
D202	35 sks	40/60 pp2				
C223	48 lbs	Salt fine				
C322	590 lbs	Gilsonite				
C192	30 lbs	FLA-1				
F180	4 ea	Centralizers 4 1/2" in				
F150	1 ea	h.D. Plug & Baffle 11"				
F180	1 ea	Auto fill float shoe 11"				
C312	13 gal	Gas Block				
C300	5 gal	A-Flush				
R201	1 ea	Cmt Head Rental				
E107	160 sks	Cmt Service Charge				
E106	1 ea	UNITS 1 way MILES 40				
E104	17.4 tons	TONS 296' + m MILES 40				
R210	1 ea	EA. 4501'-5000' PUMP CHARGE				
Discounted Price =				4154.05		
+ Taxes						





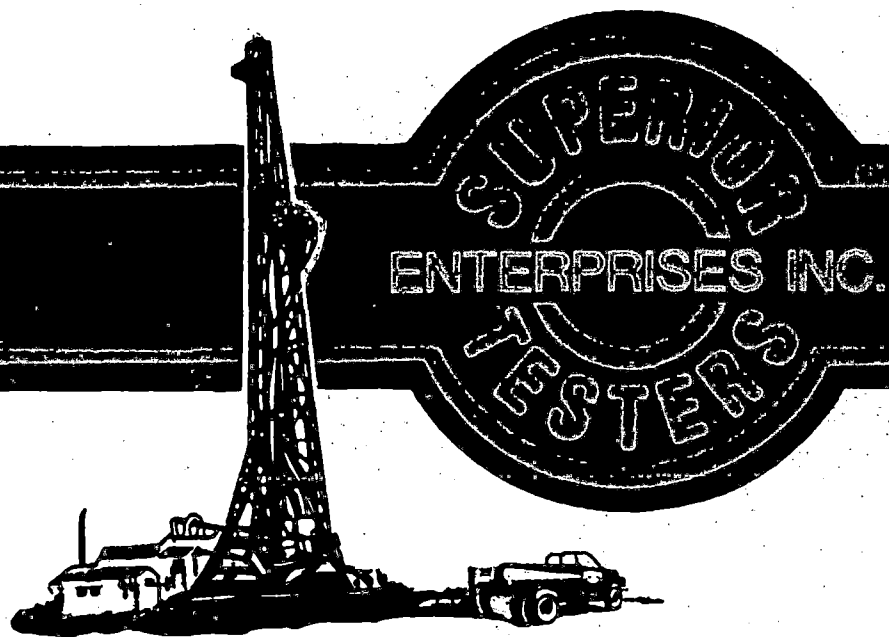
Customer ID		Date	
Customer Oil Prod Inc of KS		12-7-99	
Lease Ed		Lease No.	Well # B-1
Field Order # 02287	Station Pratt HS	Casing 4 1/2	Depth 5224
Type Job Prod String New Well		County Kiowa	State KS
Formation		Legal Description 28-29-19	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 35 sks 40/160 po 2	Lease	RATE	PRESS	ISIP
Depth 5224	Depth	From	To	From Pad 125 sks AA-L	Tail	Max		5 Min.
Volume 82.5	Volume	From	To	From Pad 1.48 14.5		Min		10 Min.
Max Press 2000	Max Press	From	To	From 32.9 Bbls 5L		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 36 Bbls		Gas Volume		Total Load

Customer Representative Shane Summers	Station Manager Dave Autry	Treater Dave Scott
--	-------------------------------	-----------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2430					Called Out
0300					Duloc w/Trk's Safety mtg Cent 2-4-6-8
					Csg on Bottom Drop Ball + Break line
					Rig up Trk's
1213	300		24	6	St 2 1/2" KCL Preflush
1228	350		12	6	St "A" Flush
1219	350		5	6	H2O Spacer
1222	300		3.5	6	St Mixing Scavenger Cont 10 sk's
1223	400			6	St Mixing Tail Cont 2 1/4 Spgs
1231	0		32.9	0	w/ Gas Block last 50 sk's finish mixing
1232			10	6	Close In & wash Pump & line
1233	100			7.3	Release Plug + St Disp w/H2O
1243	500		73	3.0	lifting Cont Regained Circ
1244	1000		82.4	0	Plug Down + PSI Test Csg Release Hold
1247	1250				Repressure & Release Hold
					Sub Complete
					Thank you
					Scotty

Company: OIL PRODUCERS INC. OF KANSAS Lease & Well No. EDMONSTON B#1 Test # 1 Date:12-6-1999



ORIGINAL

# *Formation Testing Service Report*

15-097-21448

15-097-21448

Superior Testers Enterprises, Inc.

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

Date 12-6-1999 Location 9-9-1/2-23-29-19 Elevation 2400 K.B. 2385 G.C. County Lawrence  
Company Oil Producers Inc. of Kansas Number of Copies 5  
Parts Mailed to P.O. Box 8647 Wichita Kansas 67208  
Drilling Contractor MALLARD F.N. INC.  
Length Drill Pipe 4849 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H  
Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE  
Length Drill Collars 240 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H  
Top Packer Depth 5103 Bottom Packer Depth 5108 Number of Packers 2 Packer Size 6 3/4  
TESTED FROM 5108 TO 5150 ANCHOR LENGTH 42 TOTAL DEPTH 5150 Hole Size 7  
CASE & WELL NO. Edmunda B #1 FORMATION TESTED Mississippi TEST NO. 1  
Mud Weight 94 Viscosity 47 Water Loss 12% Chlorides - Pits \_\_\_\_\_ D.S.T. \_\_\_\_\_  
Maximum Temp. 122 °F Initial Hydrostatic Pressure (A) 2388 P.S.I. Final Hydrostatic Pressure (H) 2375

Time of Open I.F.P. from 1:45 A.M. to 2:15 A.M. 30 min  
Time of Closed I.C.I.P. from 2:15 A.M. to 3:00 A.M. 45 min  
Time of Open F.F.P. from 3:00 A.M. to 3:45 A.M. 45 min  
Time of Closed F.C.I.P. from 3:45 A.M. to 4:45 A.M. 60 min

from [B] 263 P.S.I. to [C] 293 P.S.I.  
[D] 1573  
from [E] 273 P.S.I. to [F] 312 P.S.I.  
[G] 1573

Initial Blow Steady blow - with Gas to Surface in 10 minutes  
Final Blow Steady blow - SEE Gas flow Report  
Total Feet Recovered 300 Gravity of Oil \_\_\_\_\_ Corrosion \_\_\_\_\_

120 Feet of <u>Oil cut watery mud</u>	% Gas	% Oil	% Mud	% _____
120 Feet of <u>SLIGHTLY Oil &amp; Gas cut watery mud</u>	10	15	75	0
60 Feet of <u>SLIGHTLY Oil &amp; Gas cut watery mud</u>	10	15	72	3
_____ Feet of _____	10	15	75	0
_____ Feet of _____	% Gas	% Oil	% Mud	% _____
_____ Feet of _____	% Gas	% Oil	% Mud	% _____
_____ Feet of _____	% Gas	% Oil	% Mud	% _____
_____ Feet of _____	% Gas	% Oil	% Mud	% _____
_____ Feet of _____	% Gas	% Oil	% Mud	% _____

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE  
Top Recorder No. 13189 Clock No. 47441 Depth 5143 Cir. Sub NONE Sampler NONE  
Bottom Recorder No. 5403 Clock No. 47442 Depth 5147 Insurance NONE

Office of Job \_\_\_\_\_  
Drill Operator Dave Buday  
Approved By \_\_\_\_\_  
No 13879

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

SUPERIOR TESTERS ENTERPRISES INC.

ORIGINAL

Great Bend, Kansas

CHART DATA

(316) 792-6902

15-097-21448

State ..... KANSAS

Test Date ..... December 6, 1999

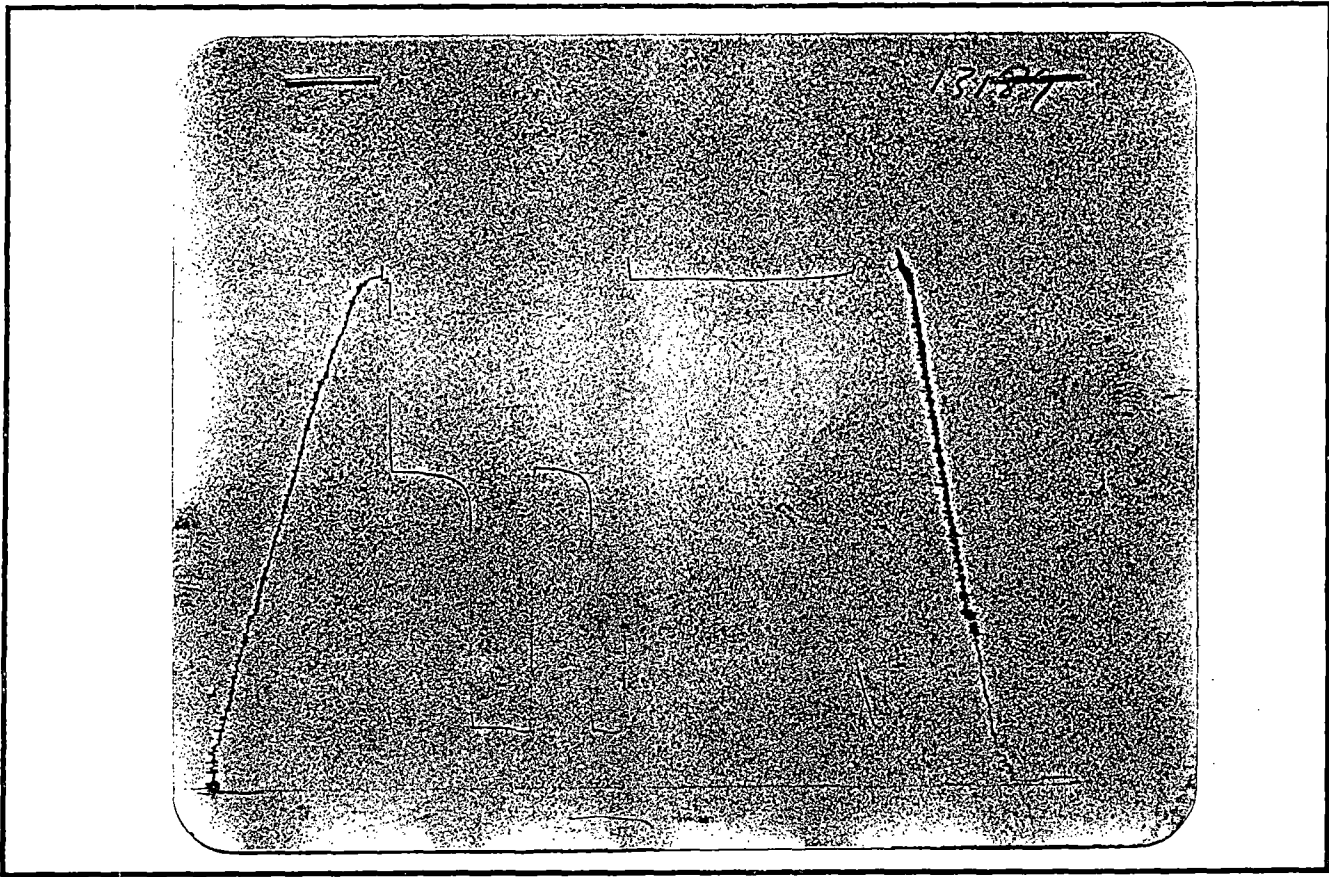
County ..... KIOWA

Sec Town Range ..... 28-19S-19W

Field .....

Report Number ..... 13879

Company: OIL PRODUCERS INC. OF KANSAS Lease & Well No. EDMONSTON B#1 Test # 1 Date:12-6-1999  
SEC. 28 TWP. 29S RGE. 19W



Field Reading

(A)	Initial Hydrostatic Pressure	2383
(B)	Initial Flow Pressure	263
(C)	Final Initial Flow Pressure	293
(D)	Initial Shut-In Pressure	1573
(E)	Initial Final Flow Pressure	273
(F)	Final Flow Pressure	312
(G)	Final Shut-In Pressure	1573
(H)	Final Hydrostatic Pressure	2373

ELECTRONIC RECORDER DEPTH 5143 FT, RECORDER NUMBER 13189

15-097-21448

# SUPERIOR TESTERS ENTERPRISES INC.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (316)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	<b>OIL PRODUCERS INC OF KANSAS</b>	LEASE AND WELL NUMBER .....	<b>EDMONSTON B#1</b>
TEST DATE .....	<b>12/6/99</b>	FORMATION TESTED .....	<b>MISSISSIPPI</b>
SECTION-TOWN-RANGE .....	<b>28-19S-19W</b>	DRILL STEM TEST NUMBER .....	<b>1</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>13879</b>
COUNTY .....	<b>KIOWA</b>	ELEVATION KELLY BUSHINGS .....	<b>2400</b>
ELEVATION GROUND LEVEL .....	<b>2395</b>	TESTING ENGINEER .....	<b>GENE BUDIG</b>
COMPANY REPRESENTATIVE .....	<b>BILL SHEPARD</b>		

### TOOL SETTING INFORMATION

TEST INTERVAL (From) .....	<b>5108</b>	TOP PACKER DEPTH .....	<b>5103</b>
TEST INTERVAL (to) .....	<b>5150</b>	BOTTOM PACKER DEPTH .....	<b>5108</b>
ANCHOR LENGTH .....	<b>42</b>	NUMBER OF PACKERS .....	<b>2</b>
TOTAL DEPTH (ft) .....	<b>5150</b>	PACKER SIZE .....	<b>6 3/4</b>
		HOLE SIZE .....	<b>7 7/8</b>

### FLOW TIMES

*INITIAL OPEN*

TOOL OPEN (from) .....
 **1:45** |

TOOL OPEN (to) .....
 **2:15** |

DURATION (min.) .....
 **30** |

*INITIAL SHUT-IN*

TOOL CLOSED (from) .....
 **2:15** |

TOOL CLOSED (to) .....
 **3:00** |

DURATION (min.) .....
 **45** |

*FINAL OPEN*

TOOL OPEN (from) .....
 **3:00** |

TOOL OPEN (to) .....
 **3:45** |

DURATION (min.) .....
 **45** |

*FINAL SHUT-IN*

TOOL CLOSED (from) .....
 **3:45** |

TOOL CLOSED (to) .....
 **4:45** |

DURATION (min.) .....
 **60** |

### PRESSURE READINGS

INITIAL HYDROSTATIC .....
 **2383** |

INITIAL FLOW .....
 **263** |

FINAL INITIAL FLOW .....
 **293** |

INITIAL SHUT-IN .....
 **1573** |

INITIAL FINAL FLOW .....
 **273** |

FINAL FLOW .....
 **312** |

FINAL SHUT-IN .....
 **1573** |

FINAL HYDROSTATIC .....
 **2373** |

MAXIMUM TEMPERATURE .....
 **122** |

TOP RECORDER DEPTH .....
 **5143** |

RECORDER NUMBER .....
 **13189** |

BOTTOM RECORDER DEPTH .....
 **5147** |

RECORDER NUMBER .....
 **5463** |

### INITIAL BLOW

**STRONG BLOW WITH GAS TO SURFAE IN 10 MINUTES**

### FINAL BLOW

**STONG BLOW-SEE GAS FLOW REPORT**

### EXTRA EQUIPMENT

JARS .....	<b>NO</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>NO</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>NO</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOKEWALL .....	<b>NO</b>
		SAMPLER .....	<b>NO</b>

15-097-21448

**SUPERIOR TESTERS ENTERPRISES INC.**

**DRILL STEM TEST REPORT**

GREAT BEND, KANSAS 67530 (316)792-6902

WELL INFORMATION

DRILLING CONTRACTOR ..... **MALLARD JV INC.**

DRILL PIPE LENGTH ..... **4849**

DRILL PIPE I.D. .... **3.8**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

DRILL COLLAR LENGTH ..... **240**

DRILL COLLAR I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

WEIGHT PIPE LENGTH .....

WEIGHT PIPE I.D. .... **2.25**

TOOL JOINT SIZE ..... **4 1/2 X.H.**

MUD WEIGHT #GAL ..... **9.2**

VISCOSITY ..... **47**

WATER LOSS ..... **12**

CHLORIDES-PITS .....

CHLORIDES-DST .....

FEET OF RECOVERY	RECOVERY DESCRIPTION	%	%	%	%
		GAS	OIL	MUD	WATER
1)	CUT WATERY MUD				
2)	SLIGHTLY OIL AND GAS CUT WATERY MUD	10	15	75	0
3)	SLIGHTLY OIL AND GAS CUT WATERY MUD	10	15	72	3
4)					
5)					
6)					
7)					
8)					
9)					
10)					
11)					
12)					
13)					
14)					
15)					

TOTAL RECOVERY

COMMENTS

15-097-21448

### SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

#

STATE..... KANSAS

Test Date ..... 12/6/99

COUNTY..... KIOWA

Sec Town Range ..... 28-19S-19W

FIELD.....

Report Number ..... 13879

#### Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	1:55	10	12			1 1/2	241.000
AT 1:45 WITH	2:05	20	24			1 1/2	341.000
GAS TO	2:15	30	37			1 1/2	412.000
SURFACE IN 10 MINUTES							
AT 1:55							

#### Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOLL OPENED	3:10	10	32			1 1/2	394.000
AT 3:00	3:20	20	42			1 1/2	451.000
	3:30	30	44			1 1/2	462.000
	3:40	40	44			1 1/2	462.000
	3:45	45	44			1 1/2	462.000