

**KANSAS CORPORATION COMMISSION
Oil & Gas Conservation Division
WELL COMPLETION FORM
WELL HISTORY- DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must be Typed

ORIGINAL

Operator License #: 8061
 Name: Oil Producers, Inc. of Kansas
 Address: P.O. Box 8647
 City/State/Zip: Wichita, Ks. 67208
 Purchaser: _____
 Operator Contact Person: Diana Richecky
 Phone: (316) -681-0231
 Contractor Name: Mallard JV, Inc.
 License: 4958
 Wellsite Geologist: William H. 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/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. To Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

API No. 15 - 007-22,614 - 0000
 County: BARBER
100' W OF
C - NE - NW Sec. 25 Twp. 34 S. R. 12 East West
4620 feet from S N (circle one) Line of Section
3400 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: MOLZ Well #: 1
 Field Name: STRANATHAN
 Producing Formation: MISSISSIPPI
 Elevation: Ground: 1378 Kelly Bushing: 1383
 Total Depth: 4899 Plug Back Total Depth: 4764
 Amount of Surface Pipe Set and Cemented at 325 Feet
 Multiple Stage Cement Collar Used? Yes No
 If yes, show depth set _____
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

2/19/2000 2/28/2000 3/27/2000
 Spud Date or Date Reached TD Completion Date
 Recompletion Date

Drilling Fluid Management Plan: AH-1, 9-27-00 UC.
 (Data must be collected from the Reserve Pit)
 Chloride content 23040 ppm. Fluid volume 320 bbls.
 Dewatering method used haul offsite, dry then restore to near normal
 Location of fluid disposal if hauled offsite:
 Operator Name: Oil Producers, Inc. of Kansas
 Lease Name: May 13-3 License No. 8061
 Quarter NW Sec. 13 Twp. 35 S. R. 16 East West
 Docket No.: D-27,726

RECEIVED
 7-27-00
 JUL 27 2000

INSTRUCTIONS: An original and two copies of this form shall be filed with 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 82-3-120 and 82-3-107 apply. Information of side two of this form will 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: [Signature]
 Title: _____ Date: 7/26/2000
 Subscribed and sworn to before me this 26th day of July
 2000.
 Notary Public: [Signature]
 Date Commission Expires: Jan 12, 2004

DIANA L. RICHECKY
 Notary Public - State of Kansas
 My Appt. Expires 1/12/04

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date _____
 Wireline Log Received
 Geological Report Received
 UIC Distribution

Operator Name: Oil Producers, Inc. of Ks. Lease Name: Molz Well #: 1
 Sec. 25 Twp. 34 S. R. 12 East West County: Barber

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <u>Geological Log, Dual Receiver cement bond log, Sonic log, Dual Induction log, Compensated Neutron Density log.</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3757'</td> <td>-2338'</td> </tr> <tr> <td>Iatan</td> <td>3999'</td> <td>-2580'</td> </tr> <tr> <td>Kansas City</td> <td>4265'</td> <td>-2846'</td> </tr> <tr> <td>Swope</td> <td>4453</td> <td>-3034'</td> </tr> <tr> <td>Marmaton</td> <td>4617'</td> <td>-3198'</td> </tr> <tr> <td>Cherokee Sand</td> <td>4686'</td> <td>-3267'</td> </tr> <tr> <td>Miss. chert</td> <td>4696'</td> <td>-3277'</td> </tr> <tr> <td>LTD</td> <td>4780'</td> <td>-3361'</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3757'	-2338'	Iatan	3999'	-2580'	Kansas City	4265'	-2846'	Swope	4453	-3034'	Marmaton	4617'	-3198'	Cherokee Sand	4686'	-3267'	Miss. chert	4696'	-3277'	LTD	4780'	-3361'
Name	Top	Datum																										
Heebner	3757'	-2338'																										
Iatan	3999'	-2580'																										
Kansas City	4265'	-2846'																										
Swope	4453	-3034'																										
Marmaton	4617'	-3198'																										
Cherokee Sand	4686'	-3267'																										
Miss. chert	4696'	-3277'																										
LTD	4780'	-3361'																										

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	# Sacs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"		325	60 40 poz	200	3% cc, 2% gel
production		4 1/2"	10.5#	4799	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	see attached initial completion report		

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4746.62'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>3/27/2000</u>		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf <u>100 mcfpd</u>	Water Bbbs.	Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

MALLARD JV, Inc.
DRILLING CONTRACTORS

P. O. Box 1009
McPHERSON, KS 67460

316-241-4640

Drillers Log

OPERATOR: **Oil Producers, Inc. of Kansas**
P. O. Box 8647
Wichita, KS 67208

WELL: **Trenary #1**

API #: 15-007-22614-0000

COMMENCED: February 20, 2000

LOCATION: C NE NW
4620' FSL, 3300' FEL
Section **25**, Township **34 S**, Range **12 W**
Barber County, KS

COMPLETED: February 29, 2000

TOTAL DEPTH: 4800'

ELEVATION: 1411' GL, 1416' KB

STATUS: Set Casing - Mississippi formation

SPUD: 6:30 am 2/20/00

SIZE HOLE DRILLED: 12-1/4" x 325'

SURFACE CASING SIZE: **8-5/8"** x 318.3' (7 jts.)

SET AT: **325'**

CEMENT: **225 sacks** 60/40 Pozmix, 2% gel, 3% cc, 1/4# floseal per sack

SIZE HOLE DRILLED: 7-7/8" x 4800' RTD

PRODUCTION CASING: **4-1/2"** x 10.5# x 4804' (115 jts.)

SET AT: **4799'**

CEMENT: **125 sacks** EA-2

PD: 1:20 am 2/29/00

DRILL STEM TESTS: None

ELECTRIC LOG: Yes

RECEIVED
STATE CORPORATION COMMISSION

JUL 27 2000

CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL **COPY**

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

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS				293	2/28/00	2375	2/28/00
P.O. Box 8647				Service Description			
Wichita, KS 67208				Cement - Longstring			
				Lease		Well	
				Molz		I	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	Shane Summers	Kevin Gordley		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
C192	FLA-1, FLUID LOSS	LB	30	\$3.20	\$96.00
C322	GILSONITE	LB	590	\$0.55	\$324.50
C223	SALT (Fine)	LBS	668	\$0.35	\$233.80
R701	CEMENT HEAD RENTAL	EA	1	\$70.00	\$70.00
F100	CENTRALIZER, 4 1/2"	EA	3	\$50.00	\$150.00
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
C300	"A" FLUSH	GAL	5	\$20.00	\$100.00
C312	GAS BLOCK	GAL	13	\$25.00	\$325.00
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00
E107	CEMENT SERVICE CHARGE	SK	160	\$1.50	\$240.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	50	\$2.50	\$125.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	370	\$1.25	\$462.50
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00

Sub Total: \$6,295.80

Discount: \$1,951.70

Discount Sub Total: \$4,344.10

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

(T) Taxable Item

Total: \$4,344.10

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.



INVOICE NO.
Date 2-28-00
Customer ID

Subject to Correction

FIELD ORDER

ORIGINAL 02375

CHARGE

Oil PRODUCERS INC. OF Ks.	Depth	Formation	Shoe Joint
Casing 4 1/2	Casing Depth 4799	TD 4800'	Job Type NONCSTRONG-NEWWEL
County BARBER	State Ks.	Station PRATT, Ks.	
Customer Representative SHANE SUMMERS	Treater KEVIN CORDLEY		

AFE Number	PO Number	Materials Received by
------------	-----------	-----------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 Sks.	AAZ BLEND CEMENT				
D202	35 Sks.	60/40 POZ CEMENT				
C192	30 lbs.	FLA-1 FLUID LOSS				
C322	590 lbs.	GILSONITE				
C223	668 lbs.	SALT				
R701	1 EA.	CEMENT HEAD RENTAL				
F100	3 EA.	4 1/2 CENTRALIZER				
F150	1 EA.	4 1/2 LATCH DOWN PLUG & BAFFLE				
F180	1 EA.	4 1/2 AUTO PULL FRONT SHOE				
C.300	5 gal.	A' FLUSH				
C312	13 gal.	GAS BLOCK				
C141	2 gal.	CC-1				
E107	160 Sks.	CEMENT SERVICE CHARGE				
E100	50 miles	UNITS 1 WAY MILES 50				
E104	370 TM	TONS MILES				
R210	1 EA.	EA. 4800' PUMP CHARGE				
		DISCOUNT BED PRICE =		4344.10		
		PLUS TAX				



Customer ID		Date	
Customer <i>OIL PRODUCERS INC. OF KS</i>		<i>2-28-00</i>	
Lease <i>MOLZ</i>		Lease No.	Well # <i>1</i>
Field Order # <i>02375</i>	Station <i>PRATT, KS</i>	Casing <i>4 1/2</i>	Depth
Type Job <i>LONGSTRONG - NEW WELL</i>		County <i>BARBER</i>	State <i>KS</i>
Formation		Legal Description <i>25-34S-12W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>4799</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>SETH SUMMERS</i>	Station Manager <i>DAVE AUSTIN</i>	Treater <i>KEVAN CRODLEY</i>
--	---------------------------------------	---------------------------------

Service Units	<i>107</i>	<i>23</i>	<i>34</i>	<i>72</i>				
---------------	------------	-----------	-----------	-----------	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1800</i>					<i>ON LOCATION 2/28/00 TD-4800'</i>
					<i>RUN 4804' 4 1/2" 10.5" CASING.</i>
					<i>RUN FLOET SHOE, LATCH DOWN</i>
					<i>BAFFLE IN 1st COLLAR.</i>
					<i>CENTRALIZER 1-3-5</i>
					<i>DROP BALL, BREAK CONC. W/ mud pump.</i>
<i>0035</i>	<i>300</i>		<i>20</i>	<i>6</i>	<i>PUMP 20 bbl HCL H₂O</i>
	<i>300</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 bbl 'A' FLUSH</i>
	<i>300</i>		<i>5</i>	<i>6</i>	<i>PUMP 5 bbl H₂O SPACER</i>
			<i>25 sec</i>	<i>60/40</i>	<i>PO2 → PLUG RAT HOLE & MOUSE HOLE</i>
<i>0055</i>	<i>300</i>		<i>0</i>	<i>6</i>	<i>START MIX CEMENT (105 SLS)</i>
<i>0105</i>	<i>150</i>		<i>32</i>	<i>6</i>	<i>FINISH MIX CEMENT (105 SLS)</i>
					<i>SHUT DOWN</i>
					<i>WAIT LONG & RELEASE PLUG</i>
<i>0108</i>	<i>150</i>		<i>0</i>	<i>8</i>	<i>START DISP</i>
	<i>250</i>		<i>60</i>	<i>8</i>	<i>START LIFT CEMENT</i>
	<i>500</i>		<i>70</i>	<i>4</i>	<i>SLOW RATE</i>
<i>0120</i>	<i>1200</i>		<i>76</i>	<i>4</i>	<i>PLUG DOWN</i>
					<i>RELEASE - HELD</i>
<i>0200</i>					<i>JOB COMPLETE</i>

THANKS KEVIN

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566

* I N V O I C E *

ORIGINAL

Invoice Number: 080730

Invoice Date: 02/19/00

Sold Oil Producers, Inc. of KS
 To: P. O. Box 8647
 Wichita, KS
 67208

Cust. I. D. : OilPr
 P. O. Number : Molz. #1
 P. O. Date : 02/19/00

Due Date: 03/20/00
 Terms: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	120.00	SKS	6.3500	762.00	E
Pozmix	80.00	SKS	3.2500	260.00	E
Gel	3.00	SKS	9.5000	28.50	E
Chloride	7.00	SKS	28.0000	196.00	E
Handling	200.00	SKS	1.0500	210.00	E
Mileage (15)	15.00	MILE	8.0000	120.00	E
200 sks @ \$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Extra Footage	24.00	PER	0.4300	10.32	E
Mileage pmp trk	15.00	MILE	2.8500	42.75	E
Wood Cup Plug	1.00	EACH	45.0000	45.00	E
Baffle Plate	1.00	EACH	45.0000	45.00	E

RECEIVED

STATE CORPORATION COMMISSION

MIL 27 2000

CONSERVATION DIVISION
 Wichita, Kansas

All Prices Are Net, Payable 30 Days Following	Subtotal:	2189.57
Date of Invoice. 1 1/2% Charged Thereafter.	Tax.....:	0.00
If Account CURRENT take Discount of \$ <u>437.92</u>	Payments:	0.00
ONLY if paid within 30 days from Invoice Date	Total...:	2189.57

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

1034 ORIGINAL

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

SERVICE POINT:
med. lodges, ks

DATE <u>02-19-00</u>	SEC. <u>25</u>	TWP. <u>35</u>	RANGE <u>12</u>	CALLED OUT <u>10:15 P.M.</u>	ON LOCATION <u>1:00 A.M.</u>	JOB START <u>8:00 A.M.</u>	JOB FINISH <u>9:00 A.M.</u>
LEASE <u>MOLE</u>	WELL # <u>1</u>	LOCATION <u>281+160, South to mm #9</u>		COUNTY <u>Barber</u>	STATE <u>Ks</u>		
OLD OR <u>NEW</u> (Circle one)			<u>12w-5s</u>				

CONTRACTOR Mallard Drilg.
 TYPE OF JOB Surface Csg.
 HOLE SIZE 12 1/4 T.D. 325
 CASING SIZE 8 7/8 x 2 1/4 DEPTH 324
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 150 MINIMUM 100
 MEAS. LINE SHOE JOINT 45.80
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 18 Bbls Fresh H₂O
 EQUIPMENT
 PUMP TRUCK CEMENTER Larry Dreiling
 # 343 HELPER Justin Hart
 BULK TRUCK
 # 240 DRIVER David West
 BULK TRUCK
 # DRIVER

OWNER Oil Producers
 CEMENT
 AMOUNT ORDERED
Used 200s x 60/40/390 + 290
 COMMON 120 @ 6.25 762.00
 POZMIX 80 @ 3.25 260.00
 GEL 3 @ 9.50 28.50
 CHLORIDE 7 @ 28.00 196.00
 @
 @
 @
 @
 @
 @
 HANDLING 200 @ 1.05 210.00
 MILEAGE 200 x 15 .04 620.00

TOTAL ~~\$1567.50~~
1576.50

REMARKS:
Pipe on Bottom - Break Circ.
Cement w/ 200s x 60/40/390cc
2% Gel Release Plug Displace
18 Bbls. Bump Plug. Shut In.
Cement Circ. In Cellar ✓

SERVICE
 DEPTH OF JOB 324
 PUMP TRUCK CHARGE 0-300' 470.00
 EXTRA FOOTAGE 24' @ .43 10.32
 MILEAGE 15 @ 2.85 42.75
 PLUG wood - Cup 8 7/8" @ 45.00 45.00
 @
 @

TOTAL ~~\$568.07~~

CHARGE TO: Oil Producers Inc of Kansas
 STREET PO Box 8647
 CITY Wichita STATE Ks ZIP 67208

FLOAT EQUIPMENT
1-Baffle Plate @ 45.00 45.00
 @
 @
 @
 @

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 _____
 TOTAL CHARGE ~~\$2447.57~~
 DISCOUNT ~~\$128.90~~ IF PAID IN 30 DAYS
125565
 x James Hess
 PRINTED NAME

SIGNATURE x [Signature]

ORIGINAL

OIL PRODUCERS INC., OF KS.
INITIAL COMPLETION

WELL - #1 MOLZ-TRENARY

LEGAL - C-NE/NW OF 25-34s-12w IN BARBER CO. KS.

API# - 15-007-22,614

G.L. - 1378'

K.B. - 5' ABOVE G.L. @ 1383'

SURFACE CASING - 8 5/8" @ 324' WITH 200 SX.

RTD - 4800'

LTD - 4780' (ELI 2/28/00) , DRILLED ADDITIONAL 20" AFTER LOG.

PROD. CSN - 4 1/2", 10.5# @ 4799' WITH 125 SX EA-2

TOP OF CEMENT - 4160' (WITH NO CEMENT FROM 4300'-4500'), EXC. CEMENT ACROSS PAY

PBTD - 4764' (ELI CORRELATION LOG 3/15/2000)

<u>PERFORATIONS</u> -	CHEROKEE	4686'-4688'	3 SHOTS/FT.	3/15/2000
	MISS CHERT	4699'-4702'	3 SHOTS/FT.	3/15/2000
	MISS CHERT	4710'-4714'	2 SHOTS/FT.	3/15/2000

RECEIVED
CORPORATION COMMISSION
JUL 27 2000
CONSERVATION DIVISION
Wichita, Kansas

TUBING RAN - 15' MA, SN, 152 JTS. 2 3/8" TUBING (4727.52')

TUBING SET @ - 4746.62' (SET 16' OFF BOTTOM 3/27/2000)

AVERAGE TBG JT. - 31.10'

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

RODS RAN - PUMP, 2', 188 - 3/4" NEW RODS, 6', 4', 1 1/4" X 16' POLISHED ROD

PUMPING UNIT - EMSCO 114, SN-1969, TYPE DB114, RATIO-25.6

ENGINE - ARROW 101 WITH C-96 HEAD

<u>SURFACE EQUIPMENT</u> -	10' X 12' 200 BBL FIBERGLASS WATER TANK
	30" X 10' VERTICAL 125# SEPARATOR WITH MANUAL DUMP.

ORIGINAL

3/14/2000

COMANCHE WELL SERVICE ON LOCATION. RIG UP D-D DERRICK.
SHUT DOWN FOR THE NIGHT.

3/15/2000

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

FOUND TTL DEPTH - 4764' (THIS IS 6' HIGH TO TOP OF INSERT @ 4770')

FOUND TOP OF CEMENT - 4160'

NOTE: HAVE VOID IN CEMENT FROM 4300'-4500', WITH NO CEMENT BONDING. BUT HAVE EXCELLENT CEMENT BONDING FROM 4500' TO TTL DEPTH ACROSS PAY INTERVAL

COMANCHE SWABBED 4 1/2" CASING DOWN TO 4500' FROM SURFACE.

ELI RIGGED TO PERFORATE PROPOSED INTERVALS IN CHEROKEE SAND AND MISSISSIPPI CHERT, UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

PERFORATED MISS CHERT 4710'-4714', WITH 2 SHOTS/FT.

PERFORATED MISS CHERT 4699'-4702', WITH 3 SHOTS/FT.

PERFORATED CHEROKEE SAND 4686'-4688' WITH 3 SHOTS/FT.

FOUND TTL DEPTH - 4764'.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH

1/2 HR. NATURAL TEST - RECOVERED NO FLUID, WITH SLIGHT SHOW OF GAS.

ACID SERVICES ON LOCATION TO ACIDIZE ALL PERFS WITH 2000 GALS 15% DSFE ACID AND 35 BALL SEALERS VIA 4 1/2" CASING.

ACIDIZE CHEROKEE AND MISSISSIPPI PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID

PUMP 1500 GALS 15% DSFE ACID WITH 35 BALL SEALERS SPACED EQUALLY.

LOAD HOLE WITH 28 BBLs FIELD BRINE

PRESSURE TO 800# & FELL BACK.

DISPLACE 400 GALS ACID @ 5 BPM - 600# TO 2200#. PRESSURE HOLDING.

NOTE: - IT APPEARS THAT WE BALLED PERFS OFF EARLY.

RELEASE PRESSURE. RIH WITH SWAB STEM TO KNOCK BALLS OFF PERFS.

DISPLACE REMAINING 1600 GALS ACID @ 7 BPM - 600# TO 500#.

ISIP - VAC., TOTAL LOAD - 123 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST ALL PERFORATIONS AFTER ACID.

TEST CHEROKEE AND MISS PERFS AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 100' FROM SURFACE.

SWAB WELL DOWN RECOVERED 96.85 BBLs, WITH TRACE OIL & SLIGHT SHOW OF GAS.

1/2 HR. TEST - RECOVERED 30' FLUID, WITH TRACE OIL & SLIGHT SHOW OF GAS.

1/2 HR. TEST - RECOVERED 30' FLUID WITH TRACE OIL & SLIGHT SHOW OF GAS.

SHUT DOWN FOR THE NIGHT.

RECEIVED
STATE CORPORATION COMMISSION

JUL 27 2000

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

3/17/2000

SICP - 175 psi, FLUID LEVEL - 100' FLUID IN HOLE, FREE OIL - 20', OIL% - 20%.

ACID SERVICES ON LOCATION TO FRACTURE MISS AND CHEROKEE PERFS WITH 62,500 GALS 25# LINEAR GEL AND 90,000# SAND. TAILING IN WITH RESONATED ACFRAC SAND TO MINIMIZE FRAC SAND PRODUCTION.

FRACTURE CHEROKEE AND MISS PERFS AS FOLLOWS:

PUMP 25,000 GAL PAD, ESTABLISH INJECTION RATE @ 27 BPM - 1100#.
PUMP 4000# 20/40 SAND @ 1 PPG (4000 GALS) @ 27 BPM - 1100#
PUMP 6000# 20/40 SAND @ 1.5 PPG (4000 GALS) @ 27 BPM - 1050#.
PUMP 8000# 20/40 SAND @ 2 PPG (4000 GALS) @ 27 BPM - 1050#.
PUMP 10,000# 20/40 SAND @ 2.5 PPG (4000 GALS) @ 27 BPM - 1000#.
PUMP 12,000# 20/40 SAND @ 3 PPG (4000 GALS) @ 27 BPM - 950#.
PUMP 12,000# 12/20 SAND @ 3 PPG (4000 GALS) @ 27 BPM - 950#.
PUMP 14,000# 12/20 SAND @ 3.5 PPG (4000 GALS) @ 27 BPM - 950#.
PUMP 16,000# 12/20 SAND @ 4 PPG (4000 GALS) @ 27 BPM - 950#.
PUMP 8000# 12/20 ACFRAC @ 4 PPG (4000 GALS) @ 27 BPM - 850#.
FLUSH SAND TO PERFS WITH 3150 GALS @ 28 BPM - 1100#.

ISIP - 300#, 5 MIN SIP - 250#, 10 MIN SIP - 200#, 15 MIN SIP - 200#.

TOTAL LOAD TO RECOVER - 1525 BBLs.

SHUT WELL IN FOR THE NIGHT.

3/18/2000

SICP - VAC, FLUID LEVEL - 1400' FROM SURFACE.

CHECK SAND FILL-UP. HAVE 15' FILL-UP IN WELL BORE.

SWAB TOTAL OF 136 BBLs FRAC LOAD BACK FOR THE DAY.

FLUID LEVEL @ END OF DAY = 2200' DOWN, SHOW OF OIL & GAS @ END OF DAY.

CHECK SAND FILL @ END OF DAY. HAVE 70' FILL-UP @ THIS POINT..

SHUT DOWN FOR THE WEEKEND.

3/20/2000

SICP - 40 psi, FLUID LEVEL - 1900' DOWN, TRACE OIL ON TOP.

SBHP - CALCULATES 1385 psi.

CONTINUE SWABBING AFTER FRAC AS FOLLOWS:

SWAB 105 BBLs TTL FOR DAY (241 TTL) WELL KICKED OFF FLOWING.

HOOK WELL UP TO FRAC TANK, AS IT IS TOO MUDDY TO GET WATER TRUCK IN.

FLOW TEST AS FOLLOWS:

FLOW WELL REST OF DAY. GETTING TRACE OF OIL.

NO GAS VOLUME TESTS @ THIS POINT.

LEFT WELL FLOWING TO FRAC TANK OVER-NIGHT.

SHUT DOWN FOR THE NIGHT.

3/21/2000

WE HAVE RECOVERED TTL OF 416 BBLs OF FRAC LOAD @ THIS POINT.

WE HAVE RECOVERED 176 BBLs SINCE WELL STARTED FLOWING.

WELL FLOWING AVERAGE OF 9.26 BBLs/HR. WITH TRACE OF OIL.

CONTINUE FLOW TESTING AS FOLLOWS:

TEST GAS IN AM. GAS VOLUMES MEASURING 411 MCFPD.

FLOW TEST REMAINDER OF DAY. AVERAGING 7.5 BBLs/HR.

GAS MEASURING 384 MCFPD @ END OF DAY.

RECEIVED
STATE CORPORATION COMMISSION

JUL 27 2000

CONSERVATION DIVISION
Wichita, Kansas

3/21/2000 CONT.

FLOW TESTING AS FOLLOWS: CONT.

TOTAL RECOVERY @ THIS POINT = 476 BBLs OF FRAC LOAD.
LEFT WELL FLOWING TO FRAC TANK OVERNIGHT.

3/22/2000

WELL FLOWED 50 BBLs OVERNIGHT. AVERAGE FLOW RATE = 4 BBLs /HR. TRACE OIL.
TEST GAS @ 370 MCFPD. WELL HAS QUIT FLOWING @ THIS POINT.

COMANCHE RIGGED UP 4 1/2" SWAB TO CONTINUE SWABBING AFTER FRAC.

SWAB TEST AFTER FRAC AS FOLLOWS:

SWAB 4 HRS. RECOVERED 36 BBLs = 8 BBL/HR. AVERAGE.
SWABBING FROM 4500', DUE TO SAND RECOVERY.
TEST GAS VOLUME @ 436 MCFPD.
TOTAL FRAC RECOVERY @ THIS POINT = 576 BBLs.
SHUT DOWN DUE TO HEAVY RAINS.

3/24/2000

UNLOADED TUBING AND RODS PURCHASED FROM SMITH SUPPLY. USED TBG, NEW RODS.
ATTEMPT TO SAND PUMP WELL BORE CLEAN.
SAND PUMP STUCK ON 1st RUN DUE TO FLOATING SAND. WILL HAVE TO RUN BULL DOG
BAILER.
SHUT DOWN FOR THE DAY.

3/25/2000

KS. FISHING TOOLS ON LOCATION WITH BULL DOG BAILER.
RIH - WITH BULL DOG BAILER AND TUBING.
CLEAN OUT WELL BORE OF SAND.
POOH - WITH TUBING AND BAILER.
SHUT DOWN FOR THE WEEKEND.

3/27/2000

SICP - 200#, FLUID LEVEL - 1900' FROM SURFACE.

SBHP - CALCULATES 1542 psi.

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'
152 JTS. USED T&D TUBING	4727.52'
K.B. (5' < 2' ABOVE G.L.)	3.00'
<u>TUBING SET @</u>	4746.62'
SEATING NIPPLE SET @	4731.62'

TAG TOTAL DEPTH (BY TUBING TALLY) @ 4762'. PICK UP & SET TUBING 16' OFF BOTTOM.

RIG TO RUN NEW 3/4" NORRIS RODS AND BOTTOM HOLE PUMP.

3/27 CONT.RUN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2" X 1 1/2" X 12' RWTC PUMP WITH 6' GAS ANCHOR	14.00'
2' X 3/4" ROD SUB	2.00'
188 - NEW 3/4" RODS	4700.00'
6' AND 4' X 3/4" ROD SUBS	10.00'
1 1/4" X 16' POLISHED ROD	<u>16.00'</u>
<u>PUMP SET @</u>	4731.62'

SPACE PUMP OUT. CLAMP RODS OFF.
COMANCHE RIGGED DOWN AND MOVED OFF LOCATION.

KANSAS GAS SUPPLY WILL SET METERING STATION ASAP.
WILL SET SURFACE EQUIPMENT AS SOON AS CONDITIONS DRY.
ANTICIPATE WELL PRODUCING WITHIN 30 DAYS.

4/10/00

SIoux TRUCKING ON LOCATION WITH 2 3/8" TUBING FOR LEAD LINE FROM SMITH SUPPLY, 10' X 12' FIBERGLASS WATER TANK FROM KLEIN-C LEASE, 30" X 10' VERTICAL SEPARATOR FROM SMITH SUPPLY, EMSCO 114 UNIT FROM HALLIBURTON STOCK, AND ARROW 101 FROM STEWART MILLER.

SPIVEY OILFIELD ON LOCATION TO LAY LEAD LINE AND HOOK UP SURFACE EQUIPMENT. DITCHED AND LAYED APPROX 1050' OF 2 3/8" STEEL TUBING LEAD LINE FROM WELL NORTHEAST TO ROAD. BUILT PUMPING UNIT AND TANK BATTERY GRADES. SET SURFACE EQUIPMENT. HOOKED UP WELL HEAD AND GAS SUPPLY TO ENGINE.

KGS IS SCHEDULED TO BE ON LOCATION 4/17/00 TO HOOK UP METER STATION AND LAY GAS SALES LINE.

END OF REPORTBRAD SIROKY.