

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 8061
Name: OIL PRODUCERS, INC. OF KANSAS
Address: P.O. BOX 8647
City/State/Zip: Wichita, Ks. 67208
Purchaser: Blue Stem
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: William H. Shepherd

CONSERVATION DIVISION
Wichita, Kansas
JUL 03 2000

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/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. CO 60110
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>1/5/2000</u>	<u>1/13/2000</u>	<u>2/22/2000</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-22,613-00-00
County: Barber
approximately 100' east of
E/2 SE Sec. 19 Twp. 34 S. R. 13 East West
1320 feet from N (circle one) Line of Section
560 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: DeWitt Well #: 3

Field Name: Aetna Gas Area
Producing Formation: Mississippi, TORONTO, HERTHA
Elevation: Ground: 1713 Kelly Bushing: 1718
Total Depth: 4880 Plug Back Total Depth: 4830

Amount of Surface Pipe Set and Cemented at 264 Feet
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 AH-1, 7-31-01 SK
(Data must be collected from the Reserve Pit)

Chloride content 48960 ppm Fluid volume 960 bbls
Dewatering method used haul offsite then restore

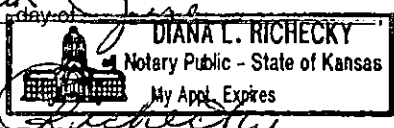
Location of fluid disposal if hauled offsite:
Operator Name: Oil Producers, Inc. of Kansas
Lease Name: Watson SWD License No.: 8061
Quarter SW Sec. 8 Twp. 29 S. R. 15 East West
County: Pratt Docket No.: D-24,324

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 of 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 complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: President Date: 6/30/00

Subscribed and sworn to before me this 30th day of June
19 2000
Notary Public: [Signature]
Date Commission Expires: Jan 12, 2004



KCC Office Use ONLY

NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Oil Producers, Inc. of Ks. Lease Name: DeWitt Well #: 3
Sec. 19 Twp. 34 S. R. 13 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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run: Geological Log, Dual Induction log, Copensated Nuetron Density log, Sonic log, Dual Receiver Cement Bond log, Micro log, Sonic Log
Log Formation (Top), Depth and Datum Sample
Name Top Datum
Heebner 4027' -2309'
Toronto 4051' -2333'
Amazonian 4069' -2351'
Lansing Kansas City 4198' -2480'
Mississippi 4790' -3072'
LTD 4731' -3352'

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacjs Used, Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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 Set At Wichita, Kansas Packer At
Liner Run
2 3/8" 4808.00

Date of First, Resumerd Production, SWD or Enhr. 2/23/00
Producing Method
Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
Oil Bbls. 0 Gas Mcf 140 Water Bbls. 3 Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease
Open Hole Perf. Dually Comp. Commingled

15-007-22613

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: **DEWITT #3**

API #: 15-007-22613-0000

COMMENCED: January 5, 2000

LOCATION: 100' E of E2 SE
1320' FSL, 560' FEL
Section 19, Township 34 S, Range 13 W
Barber County, KS

COMPLETED: January 14, 2000

TOTAL DEPTH: 4880'

ELEVATION: 1713' GL, 1718' KB

STATUS: Set Casing - Mississippi formation

SPUD: 8:40 pm 1/5/00

SIZE HOLE DRILLED: 12-1/4" x 264'

SURFACE CASING SIZE: **8-5/8"** x 257.21' (6 jts.)

SET AT: **264.41'**

CEMENT: **150 sacks** 60/40 Pozmix, 2% gel, 3% cc, 1/4# floseal per sack

SIZE HOLE DRILLED: 7-7/8" x 4880' RTD

PRODUCTION CASING: **4-1/2"** x 4880' (112 jts.)

SET AT: **4879'**

CEMENT: **225 sacks** EA-2, 1/4# floseal per sack

PD: 7:30 pm 1/14/00

DRILL STEM TESTS: None

ELECTRIC LOG: Yes



**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 P.O. Box 8647 Wichita, KS 67208				105	1/19/00	2299	1/6/00
				<i>Service Description</i>			
				Cement - Surface pipe			
				<i>Lease</i>		<i>Well</i>	
				Dewitt		3	
<i>AFE</i>	<i>CustomerRep</i>	<i>Treater</i>		<i>Well Type</i>	<i>Purchase Order</i>	<i>Terms</i>	
	Arnie Hess	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>
D202	60/40 POZ	SK	150	\$8.00	\$1,200.00
C195	CELLFLAKE	LB	32	\$1.77	\$56.64
C310	CALCIUM CHLORIDE	LBS	384	\$0.60	\$230.40
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$71.00	\$71.00
E107	CEMENT SERVICE CHARGE	SK	150	\$1.50	\$225.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$2.50	\$150.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	384	\$1.25	\$480.00
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00

Sub Total: \$3,043.04

Discount: \$973.77

Discount Sub Total: \$2,069.27

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

(T) Taxable Item **Total:** \$2,069.27

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

FIELD ORDER

02299

INVOICE NO.	Subject to Correction		
Date 1-6-00	Lease Dewitt	Well # 3	Legal 19-34-13
Customer ID	County Barber	State KS	Station Pratt KS
CHARGE Oil Prod Inc of KS	Depth	Formation	Shoe Joint 10' Requested
	Casing 878 20pp	Casing Depth 261'	TD 265
	Customer Representative Arnie Hess		Treater Dave Scott

AFE Number

PO Number

Materials Received by

X *Arnie Hess*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D202	150 sks	60/40 Poz				
C195	32 lbs	Cell Flake				
C310	384 lbs	Calcium Chloride				
F143	1 ea	Top 878 Wood Plug				
E107	150 sks	Cement Service Charge				
E100	1 ea	UNITS 1 way MILES 60				
E104	384 tm	TONS MILES 60				
R200	1 ea	EA. 0'-300' PUMP CHARGE				
Discounted Price =				2069.27		
+ Taxes						



TREATMENT REPORT 01856

ORIGINAL

Customer ID	Date
Customer <i>Oil Prod Inc of KS</i>	<i>1-6-00</i>
Lease <i>Dewitt</i>	Lease No. Well # <i>3</i>

Field Order # <i>02799</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>	Depth <i>261'</i>	County <i>Barber</i>	State <i>KS</i>
Type Job <i>8 5/8 Surface New well</i>			Formation	Legal Description <i>19-34-13</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid <i>150 sk's 60/40 p02</i>	RATE	PRESS <i>1000</i>	ISIP	
Depth <i>234</i>	Depth	From	To	Pre Pad <i>2% 6el 3% cc 1/4 flo</i>	Max		5 Min.	
Volume <i>16.5</i>	Volume	From	To	Pad <i>1.30 sk's 14.5 ppg</i>	Min		10 Min.	
Max Press <i>1000</i>	Max Press	From	To	Errc <i>SK = 34.7 Bbl's</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packers Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Annie Hess</i>	Station Manager <i>Dave Autry</i>	Treater <i>Dave Scott</i>
---	-----------------------------------	---------------------------

Service Units	<i>106</i>	<i>23</i>	<i>32</i>	<i>70</i>
---------------	------------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2100</i>					<i>Called Out</i>
<i>2300</i>					<i>On loc w/ Trk's Safety mtg</i>
<i>0300</i>	<i>200</i>		<i>7</i>	<i>3</i>	<i>Csg on Bottom Break Circ</i>
<i>0303</i>	<i>225</i>			<i>5</i>	<i>St. mixing Cmt @ 14.5 ppg 150 sk's</i>
<i>0315</i>	<i>0</i>		<i>34.7</i>	<i>0</i>	<i>finish mixing Cmt</i>
					<i>Chose In manifold a Release Plug</i>
<i>0316</i>	<i>100</i>			<i>4</i>	<i>St Disp w/ H2O</i>
<i>0320</i>	<i>300</i>		<i>16.5</i>	<i>0</i>	<i>Disp Pumped Chose In manifold</i>
					<i>Circ 0 Bbl's Cmt = 0 sk's</i>
					<i>Jetted Cellar Good Cmt in Cellar.</i>
					<i>Job Complete</i>
					<i>Thank you Scotty</i>

ORIGINAL

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

Invoice

DATE	INVOICE #
1/14/00	1897

BILL TO
Oil Producers Inc. of Kansas P.O. Box 8647 2400 N. Woodlawn #115 Wichita, KS 67208-8674

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose
Net 30	3	Dewitt	Barber		Gas	Development	L / S
PRICE REFERE...	DESCRIPTION			QTY	UNIT PRICE	AMOUNT	
575D	Milage			80	2.00	160.00	
578D	Pump Charge			1	1,200.00	1,200.00	
281	Mud Flush			500	0.50	250.00	
221	Liquid KCL			2	19.00	38.00	
406-4	4 1/2" Latch Down Plug & Baffle			1	190.00	190.00T	
407-4	4 1/2" Insert Float Shoe with Auto Fill			1	180.00	180.00T	
402-4	4 1/2" Centralizers			6	30.00	180.00T	
403-4	4 1/2" Cement Basket			2	100.00	200.00T	
325	Cement			250	6.75	1,687.50T	
284	Calseal			10	20.00	200.00T	
283	Salt			1,150	0.15	172.50T	
287	Gas Stop			400	4.50	1,800.00T	
285	CFR-2			100	2.75	275.00T	
290	D-Air			100	2.75	275.00T	
276	Flocele			50	0.90	45.00T	
581D	Service Charge Cement			250	1.00	250.00	
583D	Drayage			1,052	0.75	789.00	
	Subtotal					7,892.00	
Discount	10% Discount				-10.00%	-789.20	
	Subtotal					7,102.80	
	Sales Tax				4.90%	229.54	
Thank you for your business.						Total	\$7,332.34

Intangible



CHARGE TO: *Oil Products ^{inc} of KS*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 1897
 ORIGINAL
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Ness City Ks</i>	WELL/PROJECT NO. 3	LEASE <i>Dewitt</i>	COUNTY/PARISH <i>Barber</i>	STATE <i>Ks</i>	CITY	DATE <i>1-14-2000</i>	OWNER <i>Same</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <i>MALLARD</i>	SHIPPED VIA <i>104</i>	DELIVERED TO <i>W, Hartner</i>	ORDER NO.	
3.	WELL TYPE <i>Gas</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>L/S</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE		<i># 104</i>	<i>80</i>	<i>ME</i>	<i>2.00</i>	<i>160.00</i>
578					PUMP CHARGE			<i>4880</i>	<i>FT</i>	<i>1200.00</i>	<i>1200.00</i>
281					MUDFLUSH			<i>500</i>	<i>GAL</i>	<i>.50</i>	<i>250.00</i>
221					KCL - LIQUID			<i>2</i>	<i>GAL</i>	<i>19.00</i>	<i>38.00</i>
406					LATCHDOWN PLUG - BAFFLE			<i>1</i>	<i>EA 4 1/2"</i>	<i>190.00</i>	<i>190.00</i>
407					INSERT FLOAT SHOE W/ AUTO FEEL			<i>1</i>	<i>EA</i>	<i>180.00</i>	<i>180.00</i>
402					CENTRALIZERS			<i>6</i>	<i>EA</i>	<i>30.00</i>	<i>180.00</i>
403					CEMENT BASKETS			<i>2</i>	<i>EA</i>	<i>100.00</i>	<i>200.00</i>
<i>FROM CONTINUATION SHEET</i>											<i>5494.00</i>

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
 DATE SIGNED *1-14-2000* TIME SIGNED A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

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?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<i>7892.00</i>
TAX	<i>229.54</i>
TOTAL	<i>7332.34</i>

ORIGINAL



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

ORIGINAL

TICKET No. 1897

CUSTOMER *Oil Producers Inc. of ks* WELL *Dewitt #3* DATE *1-14-00* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION					UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
325						<i>Standard Cement</i>	<i>250</i>	<i>SKS</i>			<i>6.75</i>	<i>1687.50</i>	
284						<i>Calseal</i>	<i>10</i>	<i>SKS</i>			<i>20.00</i>	<i>200.00</i>	
283						<i>Salt</i>	<i>1150</i>	<i>lbs</i>			<i>15</i>	<i>172.50</i>	
287						<i>Gas Stop</i>	<i>400</i>	<i>LBS</i>			<i>4.50</i>	<i>1800.00</i>	
285						<i>CFR-2</i>	<i>100</i>	<i>LBS</i>			<i>2.75</i>	<i>275.00</i>	
290						<i>D-AIR</i>	<i>100</i>	<i>LBS</i>			<i>2.75</i>	<i>275.00</i>	
276						<i>Flocele</i>	<i>50</i>	<i>LBS</i>			<i>.90</i>	<i>45.00</i>	
581						SERVICE CHARGE			CUBIC FEET	<i>250</i>	<i>1.00</i>	<i>250.00</i>	
583						MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	<i>80</i>	<i>1052</i>	<i>75</i>	<i>789.00</i>
CONTINUATION TOTAL											<i>5494.00</i>		

ORIGINAL

ORIGINAL

OIL PRODUCERS INC., OF KS.
INITIAL COMPLETION REPORT
COMPLETE MISSISSIPPI, HERTHA, AND TORONTO

WELL - DEWITT #3

LEGAL - E/2 - SE/4 OF 19-34s-13w IN BARBER CO. KS.

API# - 15-007-22,613

G.L. - 1713'

K.B. - 5' ABOVE G.L. @ 1718'

SURFACE CSN - 8 5/8" @ 264' WITH 150 SX.

RTD - 4880'

LTD - 4881' (ELI 1/14/00)

PRODUCTION CSN - 4 1/2", 10.5# @ 4479' WITH 225 SX EA-2

TOP OF CEMENT - 3668' WITH EXCELLENT CEMENT BONDING ACROSS PAY INTERVALS

PBTD - 4830' (ELI 1/23/00), 4822' (BY TBG TALLY 2/21/00, HAVE 8' SAND FILL W/POTION CIBP ON TOP)

PERFORATIONS - MISSISSIPPI-----4800'-4803' WITH 4 SHOTS/FT. 2/1/2000
 MISSISSIPPI-----4790'-4793' WITH 4 SHOTS/FT. 2/1/2000
 HERTHA-----4675'-4677' WITH 4 SHOTS/FT.
 TORONTO-----4082'-4085' WITH 4 SHOTS/FT.
 TORONTO-----4072'-4075' WITH 4 SHOTS/FT.

TUBING RAN - 15' MUD ANCHOR, SEATING NIPPLE, 154 JTS. 2 3/8" TUBING. (4790.80')

TUBING SET @ - 4808.90' (SET 13' OFF BOTTOM 2/21/00)

AVER TBG JT. - 31.10'

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

RODS RAN - PUMP , 2', 118 - 3/4", 72 - 7/8", 1 1/4" X 16' POLISHED ROD.

PUMP SET @ - 4793.90'

SURFACE EQUIPMENT - 30" X 10' 500# VERTICAL SEPARATOR WITH MANUAL DUMP.
 10' X 12' FIBERGLASS WATER TANK.
 BETHLEHAM - 114 PUMPING UNIT, SN-R-3320, RATIO-25.4:1 W/48"
 15 HP ELECTRIC MOTOR.

1/23/2000

ELI WIRELINE ON LOCATION TO RUN CORRELATION AND CEMENT BOND LOG.

FOUND TOTAL DEPTH - 4830' (THIS IS 13' HIGH TO TOP OF INSERT @ 4843')

FOUND TOP OF CEMENT - 3668' (WITH EXCELLENT CEMENT BONDING ACROSS PAY INTERVALS)

2/1/2000

COMANCHE WELL SERVICE ON LOCATION, RIGGED UP D-D DERRICK.
SWABBED 4 1/2" CASING DOWN TO 4500' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN MISSISSIPPI.

PERFORATE MISS - 4790' TO 4793' AND 4800' TO 4803' ALL WITH 4 SHOTS/FT.

UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

COMANCHE SWABBED WELL DOWN TO TOTAL DEPTH.

1/2 HR. NATURAL TEST - RECOVERED NO FLUID WITH VERY SLIGHT SHOW OF GAS.
SHUT DOWN FOR THE NIGHT.

2/2/2000

SICP - 25 psi, MADE 1 SWAB RUN FOUND NO FLUID IN HOLE.

ACID SERVICES ON LOCATION TO ACIDIZE MISS PERFS WITH 2000 GALS 15% DSFE ACID AND 36 BALL SEALERS.

ACIDIZE MISS PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.

PUMP 1500 GALS DSFE ACID WITH 36 BALL SEALERS SPACED EQUALLY.

LOAD HOLE WITH 29 BBLs FIELD BRINE.

PRESSURE TO 1500 psi, BROKE BACK TO 0 psi.

DISPLACED 1000 GALS ACID @ 5 BPM - 100#.

WITH 1000 GALS DISPLACED BALLED OFF TO 1700#.

KNOCKED BALLS OFF.

DISPLACE REMAINING ACID.

ISIP - VAC, TOTAL LOAD - 126 BBLs.

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

TEST MISS AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 1400' FROM SURFACE.

SWAB WELL DOWN, RECOVERED 91.85 BBLs, WITH GOOD GAS BLOW.

1/2 HR. TEST - RECOVERED 30' FLUID, TEST GAS @ 25 MCFPD.

ACID SERVICES ON LOCATION TO FRACTURE MISS PERFS WITH 29,750 GALS 70% NITROGEN FOAM AND 38,500# SAND. TAILING IN WITH RESONATED SAND.

FRACTURE MISS PERFS AS FOLLOWS:

PUMP 11,000 GALS 70% NITROGEN FOAM PAD. ESTABLISH RATE @ 10 BPM - 1600 psi.

PUMP 3,000# 20/40 SAND @ 1 PPG (3000 GALS FOAM) @ 10 BPM - 1600 psi

PUMP 6,000# 20/40 SAND @ 2 PPG (3000 GALS FOAM) @ 10 BPM - 1450 psi.

PUMP 7,500# 20/40 SAND @ 2.5 PPG (3000 GALS FOAM) @ 10 BPM - 1400 psi.

PUMP 10,000# 12/20 SAND @ 2.5 PPG (4000 GALS FOAM) @
2/2 CONT.

10 BPM - 1400 psi.

FRAC MISS AS FOLLOWS: CONT.

PUMP 9,000# 12/20 SAND @ 3 PPG (3000 GALS FOAM) @
PUMP 3,000# 12/20 ACFRAC SAND @ 3 PPG (1000 GALS FOAM) @
FLUSH SAND TO PERFS WITH 3200 GALS 70% NITROGEN FOAM @
ISIP - 1600 psi, 5 MIN SIP - 1450 psi. TOTAL LIQUID LOAD - 223 BBLs.
SHUT DOWN FOR THE NIGHT.

10 BPM - 1400 psi.

10 BPM - 1400 psi.

10 BPM - 1650 psi.

2/3/2000

SICP - 810 psi.

BLEW WELL DOWN, WELL STARTED FLOWING.

FLOW WELL FOR 9 HRS. RECOVERED APPROX. 94 BBLs TTL FOR THE DAY.

LAST HR. FLOW - RECOVERED 3 BWPH, MEASURE GAS @ 677 MCFPD.

GAS BURNING @ END OF DAY. NOT RECOVERING ANY SAND. NITROGEN RECOVERED.
SHUT WELL IN FOR THE NIGHT.

2/4/2000

SICP - 560 psi. SBHP - CALCULATES 650 psi. (ASSUMING NO FLUID)

BLEW WELL DOWN, WELL STARTED FLOWING.

FLOW TEST AFTER FRAC AS FOLLOWS:

1 HR. FLOW - REC. 10.02 BBLs WATER, MEASURE GAS @ NO TEST

1 HR. FLOW - REC. 10.02 BBLs WATER, MEASURE GAS @ 1023 MCFPD

1 HR. FLOW - REC. 11.69 BBLs WATER, MEASURE GAS @ 1023 MCFPD

1 HR. FLOW - REC. 6.68 BBLs WATER, MEASURE GAS @ 1023 MCFPD

1 HR. FLOW - REC. 6.68 BBLs WATER, MEASURE GAS @ 1023 MCFPD

1 HR. FLOW - REC. 6.68 BBLs WATER, MEASURE GAS @ 980 MCFPD

1 HR. FLOW - REC. 5.01 BBLs WATER, MEASURE GAS @ 980 MCFPD

1 HR. FLOW - REC. 5.01 BBLs WATER, MEASURE GAS @ 980 MCFPD

1 HR. FLOW - REC. 5.01 BBLs WATER, MEASURE GAS @ 980 MCFPD.

LEFT WELL OPEN FOR NIGHT TO FLOW TO TANK AND HOPEFULLY RECOVER BALANCE OF FRAC
LOAD. WE HAVE RECOVERED 72% OF FRAC LOAD @ THIS POINT.

2/5/2000

WELL PRODUCED 40 BBLs OF WATER IN 17 HRS. = 2.3 BBLs WATER/HR. AVERAGE.

PRODUCING APPROX 980 MCFPD.

WE HAVE RECOVERED 201.61 BBLs OF FRAC LOAD @ THIS POINT, = 90% FRAC LOAD RECOVERED.

SHUT WELL IN FOR THE WEEKEND.

2/7/2000

SICP - 540 psi.

BLEW WELL DOWN AND STARTED FLOWING.

GREAT PLAINS FLUID SERVICE ON LOCATION WITH HIGH PRESSURE WATER TRUCK TO KILL
WELL WITH FIELD BRINE.

2/7 CONT.

ELI WIRELINE SERVICE ON LOCATION TO CHECK TOTAL DEPTH FOR SAND FILL-UP, AND PERFORATE PROPOSED INTERVAL IN HERTHA.

FOUND TOTAL DEPTH - 4810' (WE HAVE 20' OF SAND FILL-UP, WILL CLEAN OUT LATER.)

PERFORATE HERTHA - 4675'-4677' WITH 4 SHOTS/FT. USING EXPENDABLE CSN GUN.

COMANCHE ON LOCATION WITH 4 1/2" RETRIEVABLE BRIDGE PLUG.

RIH - WITH BP AND TUBING.

SET BP @ 4700' (OVER MISS PERFS)

POOH - WITH TUBING.

COMANCHE RIGGED UP 4 1/2" CASING SWAB. FOUND FLUID LEVEL @ 2900' FROM SURFACE.

SWABBED WELL DOWN TO TTL DEPTH @ 4700'.

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

ACID SERVICES ON LOCATION TO ACIDIZE HERTHA WITH 500 GALS 15% DSFE ACID.

ACIDIZE HERTHA AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.

LOAD HOLE WITH 63 BBLs FIELD BRINE.

PRESSURE TO 1700# AND BROKE BACK TO 500# AND FEEDING @ 1/2 BPM.

DISPLACED ACID @ 2 BPM - 400# TO 200#.

ISIP - 200#, 5 MIN SIP - 50#, TOTAL LOAD - 86 BBLs.

COMANCHE RIGGED UP 4 1/2" CASING SWAB TO SWAB BACK ACID LOAD AND TEST HERTHA.

TEST HERTHA AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ SURFACE.

SWAB WELL DOWN, RECOVERED 81.83 , WITH SHOW OF OIL AND GOOD GAS BLOW.

1/2 HR. TEST - RECOVERED 30' FLUID, 25% OIL, MEASURE GAS @ 69 MCFPD.

SHUT DOWN FOR THE NIGHT.

2/8/2000

SICP - 420#, FLUID LEVEL - HAVE 50' FLUID IN HOLE, FREE OIL - 10', OIL% - 20%.

SBHP - HERTHA CALCULATES 508 psi.

ACID SERVICES ON LOCATION TO RE-ACIDIZE HERTHA PERFORATIONS WITH 2000 GALS 15% DSFE ACID, MILDLY RETARDED.

RE-ACIDIZE HERTHA PERFS AS FOLLOWS:

PUMP 2000 GALS 15% DSFE RETARDED ACID.

LOAD HOLE WITH FIELD BRINE.

DISPLACE ACID @ 1.6 BPM - 250# TO 550#.

ISIP - 500#.

TOTAL LOAD - 123 BBLs.

2/8 CONT.

LET ACID SIT FOR 1 HR. TO ALLOW ACID TIME TO SPEND.
COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST HERTHA AFTER ACID.

TEST HERTHA AFTER RE-ACID AS FOLLOWS:

FOUND FL. LEV. @ SURFACE. BLED PRESSURE OFF.
SWAB WELL DOWN. RECOVERED 101.89 BBLs, WITH SLIGHT SHOW OF GAS.

½ HR. TEST - RECOVERED NO FLUID, GAS MEASURED < 5 MCFPD.

1 HR. TEST - RECOVERED .43 BBLs, TEST GAS @ 12 MCFPD.

NOTE: - HERTHA WILL BE A VERY SMALL CONTRIBUTOR OF GAS.

RJH - WITH BP RETRIEVER AND TUBING.

FOUND 10' SAND ON TOP OF BRIDGE PLUG.

NOTE: - DISCOVERED THAT ACID SERVICES PUMPED SAND DOWN HOLE WITH THEIR EQUIPMENT
WHILE ACIDIZING WELL.

SHUT DOWN FOR THE NIGHT.

2/9/2000

ACID SERVICES ON LOCATION (AT NO CHARGE), TO CIRCULATE SAND OFF BP.
CIRCULATED SAND OUT OF HOLE AND LATCH ONTO BP.

POOH - WITH TUBING AND BRIDGE PLUG.

KS. FISHING TOOLS ON LOCATION WITH SAND PUMP TO CLEAN OUT SAND FILL 4810'-30'.
SAND PUMP & RECOVERED APPROX 3-4 FEET OF SAND. PUMP STUCK.
SHUT DOWN FOR THE NIGHT.

2/10/2000

DANCO TOOLS ON LOCATION WITH REPLACEMENT PUMP.
SAND PUMP APPROX 3-4 FEET OF SAND FILL. PUMP STUCK AGAIN.
DECISION MADE TO LEAVE SAND FILL IN HOLE TEMPORARILY.

ELI WIRELINE ON LOCATION TO CHECK TOTAL DEPTH.

FOUND TOTAL DEPTH - 4817' (STILL HAVE 13' OF SAND FILL-UP IN WELL BORE)

COMANCHE RIGGED UP 4 1/2" CASING SWAB TO SWAB WATER OFF MISS.
FOUND FLUID LEVEL @ 3100' FROM SURFACE. SBHP - MISS CALCULATES - 810 psi.
SWAB APPROX 80 BBLs AND WELL KICKED OFF FLOWING.

ELI WIRELINE ON LOCATION TO SET CIBP OVER HERTHA AND MISS PERFS AND PERFORATE
PROPOSED INTERVALS IN TORONTO.

SET CIBP - 4140'.

PERFORATE TORONTO - 4072' - 4075' AND 4082' - 4085' ALL WITH 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH 4140'.

½ HR. NATURAL TEST TORONTO - RECOVERED NO FLUID AND NO GAS.

2/10 CONT.

ACID SERVICES ON LOCATION TO ACIDIZE TORONTO PERFS WITH 1000 GALS 15% DSFE ACID WITH 36 BALL SEALERS.

ACIDIZE TORONTO AS FOLLOWS:

PUMP 250 GALS 15% DSFE ACID.
 PUMP 750 GALS 15% DSFE ACID WITH 36 BALL SEALERS SPACED EQUALLY.
 LOAD HOLE WITH 41 BBLS 2% KCL WATER.
 PRESSURE TO 500# AND ACID STARTED FEEDING, PRESSURE BROKE BACK.
 DISPLACE 250 GALS ACID @ 3 BPM - 500# TO 300#.
 DISPLACE 750 GALS ACID WITH BALLS @ 3 BPM - 300# TO 375#.
 OBSERVED MODERATE BALL ACTION.
ISIP - 200 psi, 5 MIN SIP - 50 psi.
TOTAL LOAD - 89 BBLS.

COMANCHE RIGGED UP 4 1/2" CASING SWAB TO SWAB BACK ACID LOAD AND TEST TORONTO AFTER ACID.

TEST TORONTO AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ SURFACE.
 SWAB WELL DOWN, RECOVERED 76.82 BBLS, WITH SLIGHT SHOW OF GAS.
1/2 HR. TEST - RECOVERED 1.67 BBLS, MEASURE GAS @ 8 MCFPD.
1/2 HR. TEST - RECOVERED NO FLUID, MEASURE GAS @ 9 MCFPD.
 SHUT DOWN FOR THE NIGHT.

2/11/2000

SICP - 750 psi, FLUID LEVEL - 3700' FROM SURFACE. (400' OF WATER)
SBHP - TORONTO = 1033 psi.

ACID SERVICES ON LOCATION TO RE-ACIDIZE TORONTO PERFS WITH 3000 GALS 15% SGA ACID AND 3000 GALS 30#/GAL GELLED WATER TO MAKE UP 6000 GAL PAD ACID RE-STIMULATION JOB.

RE-ACIDIZE TORONTO AS FOLLOWS:

PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 300#.
 PUMP 1000 GALS 30# GELLED WATER, DISPLACE @ 5 BPM - 400#.
 PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 400#.
 PUMP 1000 GALS 30# GELLED WATER, DISPLACE @ 5 BPM - 450#.
 PUMP 1000 GALS 15% SGA ACID, DISPLACE @ 5 BPM - 500#.
 PUMP 1000 GALS 30# GELLED WATER, DISPLACE @ 5 BPM - 525#/
 FLUSH TREATMENT WITH 55 BBLS KCL WATER.
ISIP - 425 psi, 5 MIN SIP - 375 psi, 1 HR. SIP - 150 psi.
TOTAL LOAD - 200 BBLS.

LEFT WELL SHUT IN FOR 1 HR. TO ALLOW TIME FOR ACID TO SPEND.
 COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST TORONTO AFTER RE-ACID JOB.

TEST TORONTO AFTER RE-ACID AS FOLLOWS:

FOUND FLUID LEVEL @ SURFACE. BLED PRESSURE OFF.
 SWAB AND FLOW WELL FOR APPROX 2 HRS. SWAB WELL DOWN AND RECOVER APPROX 150 BBLS.
1/2 HR. TEST - RECOVERED 3.34 BBLS, MEASURE GAS @ 15 MCFPD.

ORIGINAL

1/2 HR. TEST - RECOVERED 1.67 BBLs, MEASURE GAS @ 20 MCFPD.
2/11 CONT.

CONT. TESTING AS FOLLOWS:

1/2 HR. TEST - RECOVERED 3.34 BBLs, MEASURE GAS @ 22 MCFPD.

1/2 HR. TEST - RECOVERED 3.34 BBLs, MEASURE GAS @ 25 MCFPD.

1/2 HR. TEST - RECOVERED 3.34 BBLs, MEASURE GAS @ 25 MCFPD.

TOTAL RECOVERY SINCE 200 BBL ACID TREATMENT = APPROX 165 BBLs.
SHUT DOWN FOR THE NIGHT.

2/12/00

SICP - 750 psi

NOTE: DECISION MADE TO COMINGLE TORONTO, HERTHA, AND MISSISSIPPI ZONES.
KS. FISHING TOOLS ON LOCATION WITH SAND LINE DRILL TO REMOVE CIBP @ 4140' AND
SAND FILL-UP 4817'-4830'.

COMANCHE RIGGED UP SAND LINE DRILL.

DRILL - BALL SEALERS UP. DRILL THROUGH CIBP @ 4140'.

MISS PRESSURE FROM BELOW PUSHED A PORTION OF CIBP BESIDE DRILL AND HUNG DRILL IN
HOLE.

LEFT WELL OPEN FOR WEEKEND IN HOPES OF DISLODGING DRILL.

2/14/00

WELL PRODUCED APPROX 20 BBLs WATER IN 36 HRS. WELL VENTING 400 MCFPD.

SAND LINE DRILL STILL STUCK IN HOLE.

GREAT PLAINS ON LOCATION WITH HIGH PRESSURE WATER TRUCK TO KILL WELL.

PUMP 50 BBLs 2% KCL WATER IN HOLE TO KEEP WELL QUIET.

NLS ON LOCATION TO CUT SAND LINE ON TOP OF SAND LINE DRILL.

CUT LINE. WHILE COMING OUT OF HOLE WITH CUTTER. WELL BLEW OUT BLOWING NLS TOOLS
OUT OF HOLE.

PULL OUT OF HOLE WITH SAND LINE.

GREAT PLAINS KILLED WELL AGAIN.

KS. FISHING TOOLS ON LOCATION WITH FISHING TOOLS FOR SAND LINE DRILL.

RIH - WITH FISHING TOOLS AND TUBING.

ATTEMPT TO LATCH ONTO SLD. PUSH DRILL AND PORTION OF CIBP TO TTL DEPTH 4817'.

POOH - WITH TBG AND FISHING TOOLS. DID NOT HAVE SAND LINE DRILL.

HAD RUBBER FROM CIBP IN OVERSHOT. IT IS UNKNOWN HOW THIS RUBBER COULD HAVE
POSSIBLY GOTTEN ABOVE SAND LINE DRILL.

SHUT DOWN FOR THE NIGHT.

2/15/00

SICP - 720 psi. BLEW WELL DOWN. KILL WELL.

RIH - WITH IMPRESSION BLOCK. FOUND SAND LINE LOOKING UP.

RIH - WITH OVERSHOT AND TUBING.

PULL OUT OF HOLE WITHOUT SAND LINE DRILL. SHUT DOWN FOR THE NIGHT.
2/16/00

SICP - 710 psi. BLEW WELL DOWN. KILL WELL.

RIH - WITH OVERSHOT WITH LONGER SKIRT. SKIRT HAD TEETH TO ASSIST GETTING OVER FISH NECK.

POOH - WITH TBG AND TOOLS DID NOT HAVE FISH.

RIH - WITH MILL SKIRT TO MILL OVER FISH.
 COULD NOT ACQUIRE POWER SWIVEL TO CONT. JOB.

2/17/00

SHUT DOWN WAITING ON DRILLING EQUIPMENT.

2/18/00

GOLDEN-B ON LOCATION WITH DRILLING EQUIPMENT.
 MILL 18" OVER FISHING NECK ON SAND LINE DRILL.

POOH - WITH MILL.

SHUT DOWN FOR THE NIGHT.

2/19/00

KS. FISHING TOOLS ON LOCATION WITH OVERSHOT.

RIH - WITH OVERSHOT AND TUBING.

LATCH ONTO SAND LINE DRILL.

POOH - WITH TUBING AND SAND LINE DRILL.

SHUT DOWN FOR THE WEEKEND.

2/21/00

RIG TO RUN PRODUCTION TUBING FROM YEAGER LEASE.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE X 2 3/8"	1.10'
154 JTS. USED T&D 2 3/8" TUBING	4790.80'
K.B. (5' < 3' ABOVE G.L.)	<u>2.00'</u>
<u>TUBING SET @</u>	4808.90'
<u>SEATING NIPPLE SET @</u>	4793.90'

TAG TOTAL DEPTH @ 4822' (BY TBG TALLY), PICK UP AND SET TBG 13' OFF BOTTOM. PACK TBG OFF.

RIG TO RUN USED RODS AND BOTTOM HOLE PUMP PURCHASED FROM SMITH SUPPLY.

2/21 CONT.

RAN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2" X 1 1/2" X 12' RWTC WITH 6' GAS ANCHOR	14.00'
2' X 3/4" ROD SUB	2.00'
118 - 3/4" RODS USED	2950.00'
72 - 7/8" RODS USED	1800.00'
1 1/4" X 16' POLISHED ROD	16.00'
<u>PUMP SET @</u>	<u>4793.90'</u>

SEAT PUMP AND CLAMP RODS OFF. PRESSURE TEST TO 500# & HELD O.K.

SPIVEY OILFIELD ON LOCATION. BUILT TANK BATTERY GRADE APPROX 600' EAST OF WELL @ ROAD.

BUILT PUMPING UNIT GRADE TO WEST OF WELL. SANDED BOTH GRADES.

SET 30" X 10' VERTICAL SEPARATOR 500# WP, WITH MANUAL DUMP.

SET 10' X 12' FIBERGLASS 200 BBL WATER TANK. HOOK UP TANK BATTERY.

DITCHED AND LAID APPROX 600' OF 2 3/8" STEEL TUBING LEAD LINE FROM WELL TO TANK BATTERY.

HOOK UP WELL HEAD TYING TBG AND CASING TOGETHER DOWN SINGLE LEAD LINE.

SIOUX TRUCK ON LOCATION TO SET PUMPING UNIT.

SET BETHLEHAM 114 UNIT FROM DEWITT #1 WELL., WITH 48" STROKE AND 15 HP ELECTRIC MOTOR ON PUMPING UNIT GRADE AND HUNG UNIT ON.

PUT WELL IN SERVICE FLOWING UP CASING. DO NOT HAVE POWER TO PUMPING UNIT YET. SHUT DOWN FOR THE NIGHT.

2/22/00

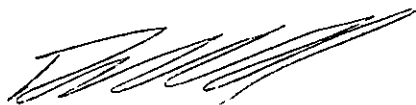
WELL PRODUCING 140 MCFPD AND FLOWED 3 BBLs OF WATER OVERNIGHT.

P&S ELECTRIC ON LOCATION TO HOOK UP ELECTRICITY.

DITCHED AND LAID POWER UNDERGROUND FROM DEWITT #1 LOCATION TO #3 WELL AND TIED IN ELECTRICITY.

PUT PUMPING UNIT IN SERVICE @ 6 SPM X 48" STROKE.

PUMP CAPACITY = APPROX 80 BTFPD.

END OF REPORT

BRAD SIROKY