

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: BOYD ROSENE

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: VAL ENERGY, INC.

License: 5822

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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

7/23/99 \_\_\_\_\_ 7/26/99 \_\_\_\_\_ 11/21/99 \_\_\_\_\_  
Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 175-21775-0000 ORIGINAL

County SEWARD

C - SW - NW - NW Sec. 19 Twp. 33 Rge. 31 X <sup>E</sup> <sub>W</sub>

4313 Feet from S/N (circle one) Line of Section

4950 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 SANDERS Well # 1

Field Name KISMET

Producing Formation CHASE GROUP

Elevation: Ground 2712 KB 2722

Total Depth 2720' PBTB 2634

Amount of Surface Pipe Set and Cemented at 553

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 NO spud call to Dist. 1  
(Data must be collected from the Reserve Pit) Att. 1, 2-2-2000, V.C.

Chloride content 7490 ppm Fluid volume 120 bbls

Dewatering method used: EVAPORATION AND RESTORE SITE  
after removing reserve water off site  
Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name NICHOLS FLUID SERVICE, INC.

Lease Name Johnson #3 License No. 31983

Quarter Sec. 16 Twp. 34 S Rng. 32 E/W

County Seward Docket No. D-27,111

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby 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 01/20/2000

Subscribed and sworn to before me this 20th of Jan. 2000.

Notary Public Diana L. Richecky

Date Commission Expires Jan. 12, 2004

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



Form ACO-1 (7-91)

RECEIVED  
STATE CORPORATION COMMISSION

JAN 21 2000

CONSERVATION DIVISION  
Wichita, Kansas

X

Operator Name Oil Producers, Inc. of Kansas Lease Name SANDERS Well # 1  
 Sec. 19 Twp. 33S Rge. 31  
 East County SEWARD  
 West

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	<b>Formation (Top), Depth and Datums</b>	<input checked="" 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	HERINGTON	2502'	+ 218'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KRIDER	2535'	+ 184'
(Submit Copy)		WINFIELD	2634'	+ 86'
List All E.Logs Run:	GEOLOGICAL LOG, GAMMA RAY CORRELATION CEMENT BOND LOG, GAMMA RAY NEUTRON/CCL LOG	RTD	2720'	+ 0'

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	12 1/4	8 5/8"	24#	553	Lite/Class A	200/125	3% CC, 2% gel
PRODUCTION	7 7/8	4 1/2"	10.5 #	2719	MidCon/EA2	300/100	gas stop

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
4	2647-2653'	SEE ATTACHED INITIAL COMPLETION REPORT same
1	2587-2610'	
2	2551-2566'	
1	2517-2530'	

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 2582.96'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> x			
Estimated Production 11/21/99	Oil Bbls.	Gas 500mcFpd	Mcf	Water 70 BWPD
			Flowing Bbls.	Gas Lift Other (Explain) 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** \_\_\_\_\_ see sheet \_\_\_\_\_

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JAN 21 2000

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

# ALLIED CEMENTING CO., INC. 2564

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

SERVICE POINT: Grant Bend

DATE <u>7.23.99</u>	SEC. <u>22</u>	TWP. <u>33</u>	RANGE <u>31</u>	CALLED OUT <u>3:00PM</u>	ON LOCATION <u>7:45PM</u>	JOB START <u>12:15am</u>	JOB FINISH <u>1:00am</u>
LEASE <u>Sander</u>	WELL # <u>1-19</u>	LOCATION <u>Kiamet 4 1/2 S.W. 1N, 3/4 E</u>			COUNTY <u>Seward</u>	STATE <u>Kansas</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR Val Energy Rig 2  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 555'  
 CASING SIZE 8 5/8 DEPTH 553'  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE NO SHOE JOINT 42'  
 CEMENT LEFT IN CSG.   
 PERFS.  
 Disp 32 1/2

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 200ALW 3%cc 1/4 flo seal  
12.5ax class A 2% gel 3%cc  
 COMMON 125ax @ 7.55 943.75  
 POZMIX @  
 GEL 2 @ 9.50 19.00  
 CHLORIDE 10 @ 28.00 280.00  
Liteweight 200ax @ 7.05 1410.00  
Flo seal 50# @ 1.15 57.50  
 @  
 @  
 HANDLING 325ax @ 1.05 341.25  
 MILEAGE 17\* 224.00

EQUIPMENT  
UB.  
 PUMP TRUCK CEMENTER Max Ball  
 # 120 HELPER J.P. Drilling  
 BULK TRUCK  
 # 257 DRIVER Max  
 BULK TRUCK  
 # DRIVER

TOTAL \$3272.50

REMARKS:  
 \* Ran 13g to 8 5/8 casing  
Cement with 200ax liter +  
12.5ax class A, released 8 5/8 plug  
displaced with 32 1/2 bbls fresh h<sub>2</sub>O  
Cement did circulate  
4 Bbls cement.

SERVICE  
 DEPTH OF JOB 540'  
 PUMP TRUCK CHARGE 470.00  
 EXTRA FOOTAGE 240' @ .434 103.20  
 MILEAGE 17 @ 2.85 48.45  
 PLUG 1-8 5/8 plug @ 90.00  
 @  
 @

CHARGE TO: Oil Producers Sinc. of Kansas  
 STREET PO Box 8647  
 CITY Wichita STATE Ko ZIP 67208

TOTAL 711.65

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CONSERVATION DIVISION  
 Wichita, Kansas

FLOAT EQUIPMENT  
1-8 5/8 Baffle @ 75.00 75.00  
 @  
 @  
 @  
 @

TOTAL 75.00

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 \$4059.15  
 DISCOUNT \$811.83 IF PAID IN 30 DAYS  
 NET \$3247.32

SIGNATURE X Rick Ameth



ORIGINAL

**SALES OFFICE:**  
 105 S. Broadway  
 Suite #490  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX  
 (316) 734-6071 Cel

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX  
 (316) 546-5548 Cel

**Invoice**

<b>Bill to:</b> OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208	6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		990746	7/28/99	2155	7/26/99
	<i>Service Description</i>				
	Cement-Production String				
		<i>Lease</i>		<i>Well</i>	
		Sanders		1-19	
<i>AFE</i>	<i>CustomerRep</i>	<i>Treater</i>	<i>Well Type</i>	<i>Purchase Order</i>	<i>Terms</i>
	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>
D200	'A-CON' BLEND	SK	250	\$13.38	\$3,345.00
D204	AA2	SK	100	\$13.56	\$1,356.00
C322	GILSONITE	LB	1600	\$0.55	\$880.00
C195	CELLFLAKE	LB	80	\$1.77	\$141.60
C223	SALT (Fine)	LBS	723	\$0.35	\$253.05
C300	"A" FLUSH	GAL	5	\$15.00	\$75.00
F100	CENTRALIZER, 4 1/2"	EA	6	\$45.00	\$270.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$184.00	\$184.00
F160	GUIDE SHOE-REGULAR, 4 1/2"	EA	1	\$95.00	\$95.00
F110	BASKET, 4 1/2"	EA	1	\$113.00	\$113.00
R701	CEMENT HEAD RENTAL	EA	1	\$70.00	\$70.00
E107	CEMENT SERVICE CHARGE	SK	350	\$1.50	\$525.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	90	\$2.50	\$225.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1440	\$1.25	\$1,800.00
R206	CASING CEMENT PUMPER, 2501-3000'	EA	1	\$1,460.00	\$1,460.00

**Sub Total:** \$10,792.65

**Discount:** \$4,609.59

**Discount Sub Total:** \$6,183.06

**Taxes:** \$0.00

**Total:** \$6,183.06

Tax Rate: 5.90%

(T) Taxable Item

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JAN 21 2000

CONSERVATION DIVISION  
 Wichita, Kansas

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  
COPY**

**SALES OFFICE:**  
105 S. Broadway  
Suite #490  
Wichita KS 67202  
(316) 262-3699  
(316) 262-5799 FAX  
(316) 734-5071 Cel

**SALES & SERVICE OFFICE:**  
10244 NE Hiway 61  
P.O. Box 8613  
Pratt, KS 67124-8613  
(316) 672-1201  
(316) 672-5383 FAX  
(316) 546-5548 Cel

**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 P.O. Box 8647 Wichita, KS 67208			990837	8/24/99	2171	8/12/99
<b>Service Description</b>						
Cement - Squeeze						
<b>Lease</b>					<b>Well</b>	
Sanders					1-19	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Tim Thompson	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>
D100	CLASS 'H' CEMENT	SK	150	\$12.00	\$1,800.00
C192	FLA-1, FLUID LOSS	LB	94	\$3.20	\$300.80
E107	CEMENT SERVICE CHARGE	SK	150	\$1.50	\$225.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	90	\$2.50	\$225.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	635	\$1.25	\$793.75
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit)	EA	1	\$650.00	\$650.00

**Sub Total:** \$3,994.55

**Discount:** \$1,198.63

**Discount Sub Total:** \$2,795.92

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

(T) Taxable Item

**Total:** \$2,795.92

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CONSERVATION DIVISION  
Wichita, Kansas

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 8/12/99
Customer ID

Subject to Correction

**FIELD ORDER**

02171

CHARGE

Oil Producers of KS Inc	Lease	Sander's	Well #	1-19	Legal	19-33-23
	County	Seward	State	KS	Station	Pratt KS
	Depth	Formation		Shoe Joint		
	Casing	Casing Depth	TD	Job Type		
	4.5	2740		Squeeze Perfs Newell		
	Customer Representative		Treater			
	Tim Thompson		D Scott			

AFE Number	PO Number
------------	-----------

Materials Received by **X Tim Thompson**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D100	150sk's	Class H Cmt				
C192	94Lb's	FLA-1, In 100sk's Lead Cmt				
E107	150sk's	Cement Service Charge				
RECEIVED						
STATE CORPORATION COMMISSION						
JAN 21 2000						
CONSERVATION DIVISION Wichita, Kansas						
E100	1cg	UNITS 1way	MILES	90		
E104	635tm	TONS 7.05	MILES	90		
R400	1cg	EA. Squeeze Perfs	PUMP CHARGE			
Bid Price =				2795.92		

ORIGINAL

TREATMENT REPORT 013,19



Customer ID		Date	
Customer Oil Prod of KS Inc		8.12.99	
Lease Sander's		Lease No.	Well # 1-19

Field Order # 02171	Station Pratt KS	Casing 4 1/2	Depth 2740	County Seward	State KS
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Type Job Squeeze Perfs New well	Formation	Legal Description 19-33-23
------------------------------------	-----------	-------------------------------

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 100sk's H w/1%FLA-1		RATE	PRESS	ISIP
Depth	Depth	From 2647	To 53	Prog Pad 50sk's Negt		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 9.5		Gas Volume		Total Load

Customer Representative Tim Thompson	Station Manager	Treater D. Scott
---	-----------------	---------------------

Service Units	106	23	33	70				
---------------	-----	----	----	----	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0430					Called Out
0730					On hoc w/Trk's Safety mtg
					Cmt Retainer @ 2640' T.I.H. w/Tbg
1028					String Into Retainer
1034	500		20	3	PST Annulus OK
1037		400	15	2.0	Take Inj Rate
1042		400	22	2.0	St mixing Lead cmt 100sk's
1050		400	12	2.0	St mixing Tail cmt 50sk's
1055		500		2.0	finish mixing cmt & St Disp w/H2O
1100		900	8.0	0	Shut Down & monitor PST
1104		1000	9.5		Shut Down Squeeze Holding
1107					String Out Retainer
1108	500		20	3	Reverse Out
					T.O.H. w/Tbg
					Job Complete
					RECEIVED
					STATE CORPORATION COMMISSION
					JAN 21 2000
					CONSERVATION DIVISION
					Wichita, Kansas

Thank you  
Scotty



ORIGINAL

OIL PRODUCERS INC. OF KS.  
INITIAL COMPLETION REPORT

WELL - SANDERS #1-19

LEGAL - 23' N. OF C-SW/NW/NW OF 19-33s-31w IN SEWARD CO. KS.

API# - 15-175-21,775

K.B. - 5' ABOVE G.L. @ 2685'

G.L. - 2680'

SURFACE CSN - 8 5/8" @ 553' WITH 300 SX.

RTD - 2720'

PRODUCTION CSN - 4 1/2", 10.5# @ 2719' WITH 300 SX MID-CON AND 100 SX EA-2.

TOP OF CEMENT - TO SURFACE. WITH EXCELLENT CEMENT BONDING ACROSS PAY.

PBTD - 2660' (ELI 8/3/99), CEMENT RETAINER @ 2640' , 2637 (ELI 8/16/99), 2634' (by tbg tally)

CEMENT RETAINER - 2640', WITH 3' CEMENT AND 3' SAND FILL-UP TO 2634'.

PERFORATIONS -      WINFIELD-----2647'-2653' 4 SHOT/FT. 8/11/99. PLUGGED  
                                 LOWER KRIDER--2587'-2610' 1 SHOT/FT. 8/16/99  
                                 UPPER KRIDER---2551'-2566' 2 SHOT/FT. 8/16/99  
                                 HERINGTON-----2517'-2530' 1 SHOT/FT. 8/16/99

TUBING RAN - 15' MA, SN, 84 JTS. 2 3/8" ( 2582.96')

TUBING SET @ - 2602.06' (SET 32' OFF BOTTOM 8/18/99).

AVERAGE TBG JT. - 31.12'

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

RODS RAN - PUMP, 2', 102 - 3/4" RODS, 6', 2', 1 1/4" X 16' POLISHED ROD.

PUMP SET @ - 2587.06'

PUMPING UNIT - CHURCHILL 50, SN-192863, MODEL # - 9M-50-84-42, RATIO - 31:1, W/36" STROKE.

ENGINE - CONTINENTAL C-66

SURFACE EQUIPMENT -

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CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

8/3/99

ELI WIRELINE ON LOCATION TO RUN GAMMA-RAY, NEUTRON, CORRELATION, AND SONIC CEMENT BOND LOGS.

FOUND TOTAL DEPTH - 2660' (THIS IS 19' HIGH TO TOP OF INSERT @ 2679')

FOUND TOP OF CEMENT - CEMENTED TO SURFACE. WITH EXCELLENT BONDING ACROSS PAY.

8/11/99

COMANCHE WELL SERVICE ON LOCATION. RIGGED UP D-D DERRICK.  
SWAB 4 1/2" CASING DOWN TO 2200' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVAL IN WINFIELD. UTILIZING 32 GRAM EXPENDABLE CASING GUN.

PERFORATE WINFIELD - 2647'-2653' WITH 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.

1/2 HR. NATURAL TEST - RECOVERED NO FLUID OR GAS.

ACID SERVICES ON LOCATION TO ACIDIZE WINFIELD PERFORATIONS 2647'-53' WITH 1000 GALS 15% DSFE ACID WITH SURFACTANTS AND FOAMERS.

ACIDIZE WINFIELD AS FOLLOWS:

PUMP 1000 GALS 15% DSFE ACID.

LOAD HOLE WITH 18 BBLs FIELD BRINE.

PRESSURED IN INTERVALS TO 1600#. BROKE BACK SLOWLY TO 500#

DISPLACED ACID @ 2.5 BPM - 500# TO 150#.

ISIP - 100#, VAC - IN 3 MINUTES.

TOTAL LOAD - 66 BBLs.

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

TEST WINFIELD AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 600' FROM SURFACE.

SWAB 1 1/2 HRS. RECOVERED 71 BBLs. SWABBING FROM TOTAL DEPTH.

1/2 HR. TEST - RECOVERED 13 BBLs, VERY SLIGHT SHOW OF GAS.

1/2 HR. TEST - RECOVERED 13 BBLs, VERY SLIGHT SHOW OF GAS.

NOTE: WINFIELD PERFS ARE NON-COMMERCIAL. WILL SQUEEZE WINFIELD PERFS TO PREVENT WATER ENCROACHMENT FROM WINFIELD TO HERINGTON AND KRIDER PERFORATIONS.

ELI WIRELINE RIGGED TO SET CEMENT RETAINER ABOVE WINFIELD PERFS.

SET CEMENT RETAINER - 2640' (ABOVE WINFIELD PERFORATIONS)

SHUT DOWN FOR THE NIGHT.

8/12/99

RIH - WITH CEMENT RETAINER STINGER AND TUBING.

STING INTO RETAINER @ 2640' WITH TUBING.

PRODUCTION ACID ON LOCATION TO SQUEEZE WINFIELD PERFORATIONS WITH 150 SX COMMON CEMENT.

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Wichita, Kansas

ORIGINAL

8/12 CONT.

SQUEEZE WINFIELD PERFS AS FOLLOWS:

PRESSURE ANNULUS TO 500#.  
ESTABLISH INJECTION RATE VIA TUBING @ 2 BPM - 400#.  
MIX & PUMP 150 SX COMMON CEMENT.  
DISPLACE CEMENT @ 2 BPM - 400# TO 1000# WITH RUNNING SQUEEZE AND HELD.  
REVERSE OUT ½ BBL CEMENT.

POOH - WITH TUBING AND STINGER.  
SHUT DOWN FOR THE WEEKEND TO LET CEMENT SET UP.

8/16/99

COMANCHE WELL ON LOCATION. SWAB 4 1/2" CASING DOWN TO 2000' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN HERINGTON AND KRIDER FORMATIONS, UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

PERFORATE LOWER KRIDER - 2587'-2610' WITH 1 SHOT/FT. (23 HOLES)  
PERFORATE UPPER KRIDER - 2551'-2566' WITH 2 SHOT/FT. (30 HOLES)  
PERFORATE HERINGTON-----2517'-2530' WITH 1 SHOT/FT. (13 HOLES)  
FOUND TTL DEPTH - 2637' (MUST HAVE 3' CEMENT ON TOP OF RETAINER)

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.  
½ HR. NATURAL TEST - RECOVERED NO FLUID WITH GOOD SHOW OF GAS.

ACID SERVICES ON LOCATION TO FRACTURE HERINGTON AND KRIDER PERFORATIONS WITH 22,000 GALS 70 QUALITY N2 FOAM AND 31,000# 12/20 SAND. SPEARHEADING 500 GALS 15% DSFE ACID TO BREAK DOWN WITH.

FRACTURE HERINGTON AND KRIDER PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.  
PUMP 7000 GALS 70 QUALITY N2 FOAM PAD, ESTABLISH INJ. RATE @ 20 BPM - 1200#.  
PUMP 4,000# 12/20 SAND @ 1 PPG (4000 GALS N2 FOAM) @ 20 BPM - 1200#.  
PUMP 12,000# 12/20 SAND @ 2 PPG (6000 GALS N2 FOAM) @ 20 BPM - 1200#.  
PUMP 11,000# 12/20 SAND @ 3 PPG (3666 GALS N2 FOAM) @ 20 BPM - 1200#.  
PUMP 4,000# 12/20 RESONATED SAND @ 3 PPG (1334 GALS N2 FOAM) @ 20 BPM - 1200#.  
FLUSH SAND TO PERFS W/1/2 BBL OVERFLUSH WITH 1760 GALS N2 FOAM @ 20 BPM - 1400#.  
ISIP - 1350#, 5 MIN SIP - 1300#, 10 MIN SIP - 1200#, 15 MIN SIP - 1200#.  
TTL LIQUID LOAD TO RECOVER - 7100 GALS (169 BBLs)

LEFT WELL SHUT IN FOR 1 ½ HRS. 1 ½ HR. SIP - 660#. OPEN WELL UP TO FLOW BACK FRAC LOAD VIA 3/4" CHOKE NIPPLE.

FLOW WELL BACK AFTER FRAC AND TEST HERINGTON KRIDER AS FOLLOWS:

FLOW WELL FOR 1 HR. VIA CHOKE NIPPLE, FCP = 20 psi.  
OPEN WELL UP THROUGH FULL 2" LINE. WATER RATE = 20 BWPH.  
FLOW WELL FOR 5 HRS TTL. RECOVERED 79 BBLs WATER FOR THE DAY.  
TEST GAS @ END OF DAY @ 1057 MCFPD.  
SDFN.

8/17/99

SICP - 360 psi. BLOW WELL DOWN, WELL DIED.  
CHECK SAND FILL-UP WITH SWAB TOOLS. HAVE 5' SAND FILL-UP.  
WELL KICKED OFF FLOWING WHILE CHECKING SAND FILL-UP.

ORIGINAL

8/19 CONT.

PUMPING UNIT SET UP TO RUN 7 SPM X 36" STROKE.  
PUMP CAPACITY @ 100% EFFICIENCY = 70 BTFPD.

WE WILL SET GAS UNIT AND METER RUN ASAP.  
WE WILL BE RUNNING A GAS SALES LINE ASAP TO DUDREY LEASE WHICH IS APPROX 2 MILES TO  
THE TIE IN POINT, AT WHICH TIME WE WILL BE ABLE TO DELIVER GAS TO DUKE ENERGY.  
IT APPEARS THAT WE HAVE A NICE COMMERCIAL GAS WELL.

END OF REPORT.



BRAD SIROKY

RECEIVED  
STATE CORPORATION COMMISSION

JAN 21 2000

CONSERVATION DIVISION  
Wichita, Kansas