

**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: NCRA
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: Tim J. Lauer

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

<u>09/18/2003</u>	<u>09/23/2003</u>	<u>10/24/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24767 - 00-00
County: Barton
NE SE SW
NW SW SE Sec. 32 Twp. 17 S. R. 14 East West

880 feet from (S) / N (circle one) Line of Section
2300 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Schneider Well #: 1-32

Field Name: _____

Producing Formation: Lansing

Elevation: Ground: 1933' Kelly Bushing: 1938'

Total Depth: 3468' Plug Back Total Depth: 3437'

Amount of Surface Pipe Set and Cemented at 936 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 ALT # 1 KJR 6/08/07
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Evaporate

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

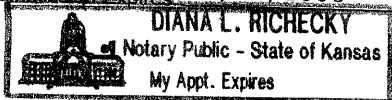
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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 fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: PRESIDENT Date: 2/24/2004

Subscribed and sworn to before me this 24th day of February,
2004

Notary Public: [Signature]
Date Commission Expires: 1/12/2008



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Schneider Well #: 1-32

Sec. 32 Twp. 17 S. R. 14 East West County: Barton

JANUARY

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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Dual Receiver Cement Bond Log, Micro Log, Sonic Log, Compensated Density Neutron Log, Dual Induction Log, Geological Report

Log Formation (Top), Depth and Datum Sample
Name Top Datum
see note #1

CASING RECORD <input checked="" type="checkbox"/> New Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8"	24#	936'	see note #2	see note	see note #2
Production		4 1/2"	10.5#	3466'	see note #2	see note	see note #2

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 initial completion report		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
		2 3/8"	3414.08'				<input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enh r.				Producing Method			
10/26/2003				Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	5						

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

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

Production Interval _____

Note #1**Log Formation (Top), Depth and Datum**

Name	Top	Datum
Anhydrite	928'	+1010'
Topeka	2882'	-944'
Heebner	3117'	-1179'
Toronto	3128'	-1190'
Brown Lime	3182'	-1244'
Lansing	3191'	-1253'
Base Kansas City	3405'	-1467'
Arbuckle	3450'	-1512'
RTD	3468'	-1530'

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Note #2:

Surface	Type of Cement	Type and Percent Additives
210 sacks	A-con	3% cc, 1/4# cellflake/sack
175 sacks	Common	3% cc, 2% gel, 1/4# cellflake/sack

Production

150 sacks	AA-2
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ORIGINAL

SALES OFFICE:
 100 S. Main
 Suite #607
 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
 (620) 672-1201
 (620) 672-5388 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:		6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS			309101	9/26/03	6940	9/24/03
P.O. Box 8647			Service Description			
Wichita, KS 67208			Cement			
			Lease		Well	
			Schneider		1-32	
			Well Type	Purchase Order		Terms
			New Well			Net 30

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AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	B. McCoy	T. Seba			

ID.	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	150	\$13.74	\$2,061.00 (T)
D203	60/40 POZ (COMMON)	SK	35	\$7.84	\$274.40 (T)
C195	FLA-322	LB	141	\$7.50	\$1,057.50 (T)
C312	GAS BLOCK	LB	177	\$5.00	\$885.00 (T)
C221	SALT (Fine)	GAL	762	\$0.25	\$190.50 (T)
C243	DEFOAMER	LB	15	\$3.00	\$45.00 (T)
C321	GILSONITE	LB	705	\$0.60	\$423.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	6	\$67.00	\$402.00 (T)
C304	SUPER FLUSH II	GAL	500	\$1.85	\$925.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
E107	CEMENT SERVICE CHARGE	SK	185	\$1.50	\$277.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	65	\$3.25	\$211.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	559	\$1.30	\$726.70
R207	CASING CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,596.00	\$1,596.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,884.85
Discount: \$3,064.30
Discount Sub Total: \$6,820.55
Barton County & State Tax Rate: 6.55% **Taxes:** \$308.38
 (T) Taxable Item
Total: \$7,128.93

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 9-24-03
Customer ID

Subject to Correction

FIELD ORDER 6940

CHARGE

OIL PRODUCERS INC. OF KS	Depth 10.5 1/2 FT	Formation	Shoe Joint 27.75 L.O. BAFFLE
	Casing 4 1/2	Casing Depth 3467'	TD 3469'
	Customer Representative BRAUN MCCOY	Treater T-SC3A	Job Type 4 1/2 L.S. NEW WELL

AFE Number	PO Number
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Materials Received by **X** *B. McCoy*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-105	150 SKS	AA-2 (PREM)	✓			
D-203	35 SKS	60/40 P02	✓			
C-195	141 lbs	FLA-322	✓			
C-312	177 lbs	Gas-Blok	✓			
C-221	762 lbs	SAIT	✓			
C-243	15 lbs	DEFOAMER	✓			
C-321	705 lbs	GILSONITE	✓			
F-210	1 EA	AFU FLOAT SHOE 4 1/2	✓			
F-170	1 EA	L.O. PLUG & BAFFLE "	✓			
F-100	6 EA	TURBOLIZER "	✓			
C-304	500 GAL	SUPER FLUSH II	✓			
C-141	2 GAL	CC-1	✓			
E-107	185 SKS	CMT SERV. CHARGE				
E-100	65 MI	UNITS /WAY; MILES 65				
E-104	559 TM	TONS MILES				
R-267	1 EA	EA. 3467' PUMP CHARGE				
R-701	1 EA	CMT HEAD RENTAL				
		DISCOUNTED PRICED		6,820.55		
		+ TAXES				

10244 N Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

TREATMENT REPORT



Customer ID		Date	
Customer O.P. INC. OF KS		9-24-03	
Lease SCHNEIDER		Lease No.	Well # 1-32

Field Order # 6140	Station PRATT	Casing 4 1/2	Depth 3466'	County BARTON	State Ks
Type Job 4 1/2 L.S. NEW WELL			Formation TO. 3466'	Legal Description 32-175-14W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 150SKS AA2	RATE	PRESS	ISIP	
Depth 3466	Depth	From	To	Pre Pad 1 1/2% DEFOAMER 10%	Max FLA-322		5 Min.	
Volume 54.67	Volume	From	To	Pad 10% SALT 1.25% @	Min S Blok 5 # GILSONITE		10 Min.	
Max Press 2000	Max Press	From	To	Frag 15#/GAL 1.44F3	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3438.25	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative BRAD Mc COY	Station Manager D. AULRY	Treater T. SEBA
--------------------------------------------	---------------------------------	------------------------

Service Units	114	35	57	36	70
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
18:30					CALLED OUT
21:00					ON LOC W/RE
					RUN 81 JT'S 4 1/2 105' CSG SET @ 3466'
					AFU FLOAT SHOE @ 2.0 IST = 27.75
					CENT ON JT'S 1-3-5-6-7-8
24:12					CSG ON BOTTOM TAG DROP BALL
24:15					HOOK UP TO CSG; BREAK CIRC W/REG
					START PUMPING PREFLUSHES
24:33	250		20	6 1/2	20 Bbls 2% KCL
			3		3 Bbls H ₂ O
			12		12 Bbls S. FLUSH
			3		3 Bbls H ₂ O
			38.47		START MIX; PUMP 150 SKS AA-2 15#/GAL
			10		SHUT DOWN; RELEASE L.O. PLUG
24:50	125			6 1/2	CLEAR PUMP; LINES
	500		44	4	START DISP
01:00	1500		55.7	2	LIFT CNT
					PLUG DOWN
					RELEASE; HELD
					PLUG R-M HOLES
01:30					JOB COMPLETE

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ORIGINAL



SALES OFFICE:
 100 S. Main
 Suite #607
 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
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS				309080	9/23/03	6836	9/18/03
P.O. Box 8647				Service Description			
Wichita, KS 67208				Cement			
<p style="text-align: center;">RECEIVED FEB 25 2004 KCC WICHITA</p>				Lease		Well	
				Schneider		1-32	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	L. Urban	B. Drake		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D200	COMMON	SK	175	\$10.39	\$1,818.25 (T)
D201	A-CON BLEND (COMMON)	SK	210	\$13.08	\$2,746.80 (T)
C194	CELLFLAKE	LB	100	\$2.00	\$200.00 (T)
C310	CALCIUM CHLORIDE	LBS	1089	\$0.75	\$816.75 (T)
C320	CEMENT GELL	LB	330	\$0.25	\$82.50 (T)
F123	BASKET, 8 5/8"	EA	1	\$290.00	\$290.00 (T)
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1	\$145.00	\$145.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
E107	CEMENT SERVICE CHARGE	SK	385	\$1.50	\$577.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	65	\$3.25	\$211.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1180	\$1.30	\$1,534.00
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$9,668.05

Discount: \$3,190.67

Discount Sub Total: \$6,477.38

Barton County & State Tax Rate: 6.55% **Taxes:** \$270.82

(T) Taxable Item

Total: \$6,748.20

Cement for surface casing
Integrity

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



INVOICE NO.

FIELD ORDER

6836

Subject to Correction

Date 9-18-03 Lease Schneider Well # 1-32 Legal 32-175-146
 Customer ID _____ County Barton State Ks. Station Pratt
 Depth _____ Formation _____ Shoe Joint _____
 Casing 8 5/8 Casing Depth _____ TD _____ Job Type 8 5/8 Surface
 Customer Representative Laron Urban Treater Bobby Drake

CHARGE

Pit Producers Inc. of Ks.
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AFE Number _____ PO Number KCC WICHITA

Materials Received by X Mal J Elu

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
<u>D200</u>	<u>175 sk.</u>	<u>Common</u>	✓			
<u>D201</u>	<u>210 SK.</u>	<u>A-Con Blend (common)</u>	✓			
<u>C194</u>	<u>100 lbs.</u>	<u>Cellflake</u>	✓			
<u>C310</u>	<u>1089 lbs.</u>	<u>Calcium Chloride</u>	✓			
<u>C320</u>	<u>330 lbs.</u>	<u>Cement gel</u>	✓			
<u>F123</u>	<u>1ea.</u>	<u>Basket, 8 5/8</u>	✓			
<u>F145</u>	<u>1ea.</u>	<u>Top Rubber Cont. Plug, 8 5/8</u>	✓			
<u>F303</u>	<u>1ea.</u>	<u>Baffle Plate Aluminum, 8 5/8</u>	✓			
<u>E107</u>	<u>385 sk.</u>	<u>Cont. Service Charge</u>				
<u>E100</u>	<u>65 mi.</u>	UNITS <u>1-Way</u> MILES <u>65 mi.</u>				
<u>E104</u>	<u>1190 tm.</u>	TONS MILES				
<u>R202</u>	<u>1ea.</u>	EA. <u>501'-1000'</u> PUMP CHARGE				
<u>R701</u>	<u>1ea.</u>	<u>Cont. Head Rental</u>				
		<u>Discounted Price</u>		<u>6477.38</u>		

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TREATMENT REPORT

ORIGINAL

Customer ID		Date	
Customer Oil Producers Inc. of Ks.		9-18-03	
Lease Schneider		Lease No.	Well # 1-32
Field Order # 6836	Station Pratt	Casing 8 5/8	Depth
Type Job 8 5/8 Surface	Formation	County Barton	State Ks.
		Legal Description 32-175-14W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	Lead	Acid 210sk A-101		RATE	PRESS	ISIP
Depth 936'	Depth	From	To	Pre Pad 3% OLC 1/4 # Wellflake	Max			5 Min.
Volume 57.3	Volume	From	To	Pad 12.0 #/gal 2.56 ft ³	Min			10 Min.
Max Press 500	Max Press	From	To Tail	Frac 175sk. Common	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	3% OLC 2% Sol 1/4 # Wellflake	HHP Used			Annulus Pressure
Plug Depth 901'	Packer Depth	From	To	Flush 15.0 #/gal 1.36 ft ³	Gas Volume			Total Load

Customer Representative Laverne Urban	Station Manager Daine Aubrey	Treater Bobby Drake
Service Units 105	27	36
76		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Called Out
2:45					On location - Safety Meeting
4:00					Start Csq. - 2 lits. 8 5/8 24"
					Baffle Plate 1st jt. - 35'
					Basket on joint #14
5:45					Csq. on Bottom
5:55					Hook Up to Csq. - Break Circ. w/ Rig
6:10			10		Start H ₂ O Ahead
6:12			96		Mix Lead Cont. @ 12.0 #/gal
6:25			60		Mix Tail Cont. @ 15.0 #/gal
6:36					Shut Down - Release Top Rubber Plug
6:38			56.5		Start Disp. - Cont. to Surface
6:48					Plug Down - Close Valve on Csq.
					Circ. thru Job - Circ. 56.5 Bbls. to Pit
					Job Complete
					Thanks, Bobby Drake

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SCHNEIDER #1-32
ORIGINAL

OIL PRODUCERS, INC. OF KANSAS
INITIAL COMPLETION REPORT

WELL - SCHNEIDER #1-32

LEGAL - 800' FSL & 2300' FWL of SEC. 32-17s-14w in BARTON CO., KS

API # - 15-009-24767

G.L. - 1933'

K.B. - 5' ABOVE G.L. @ 1938'

SURFACE CSN - 8 5/8" 24# @ 936' w/ 210 SXS A-CON & 175 SXS COMMON

RTD - 3468'

LTD - 3468' (ELI 9/23/03)

PRODUCTION CSN - 80 JTS, 4½ 10.5# J55 CSN. @ 3467'

TOP OF CEMENT - 2670' w/ POOR BONDING ACROSS PAY INTERVALS.

PBTD - 3437'

<u>PERFORATIONS</u> ↓	LANSING J -	3351-3353'	4/FT	10/15/03
	LANSING H -	3279-3281'	4/FT	10/15/03
	LANSING B -	3206-3208'	4/FT	10/15/03
	LANSING A -	3194-3196'	4/FT	10/15/03

TUBING RAN - M.A., S.N., 111 JTS, 2 7/8", 3395.98'

TUBING SET @ - 3414.08'

AVERAGE TBG JT. - 30.59'

PUMP RAN - 2½ x 2" x 14 RWB w/ 6' GAS ANCHOR

RODS RAN - PUMP 2' x ¾" SUB 75¾ - 59 7/8 - 2 - 8' x 7/8" SUBS, P.R. & LINER

PUMP SET @ - 3399.08'

PUMPING UNIT - SENTRY 114D, SN - P114-01221, 64" 23.75:1 STROKE

PRIME MOVER - CONT. C-96

SURFACE EQUIPMENT - 10' x 15' FIBERGLASS GUN BBL
2 - 10' x 12' 200 BBL STEEL STOCK
1 - 10' x 12' 200 BBL FIBERGLASS H2O TANK

10/14/03 COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK IN ORDER TO COMPLETE NEW WELL. SHUT WELL IN. SHUT DOWN.

10/15/03 COMANCHE WELL SERVICE AND SIOUX TANK TRUCKING ON LOCATION TO UNLOAD NEW STRING OF 2 3/8" 4.7# TUBING.

ELI-WIRELINE ON LOCATION TO RUN CORRELATION AND SONIC BOND LOG.

FOUND TTL DEPTH - 3437'

FOUND TOP OF CEMENT - 2670' w/ POOR BONDING ACROSS PAY INTERVALS.

COMANCHE RIGGED TO SWAB 4 1/2" CSN. SWAB CSN DOWN TO 2900' FROM SURFACE.

ELI-WIRELINE ON LOCATION TO PERFORATE ALL PROPOSED PAY INTERVALS IN LANSING FORMATION UTILIZING 32 GRAM EXPENDABLE CSN GUNS.

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<u>PERFORATE:</u>	LANSING J -	3351-3353'	4/FT	10/15/03
	LANSING H -	3279-3281'	4/FT	10/15/03
	LANSING B -	3206-3208'	4/FT	10/15/03
	LANSING A -	3194-3196'	4/FT	10/15/03

COMANCHE RIGGED TO SWAB TEST ALL LANSING PERFORATIONS NATURAL AFTER PERFORATING.

1/2 HR NATURAL SWAB TEST - RECOVERED 1.67 BBLS, NO OIL

1/2 HR NATURAL SWAB TEST - RECOVERED 1.67 BBLS, NO OIL

1/2 HR NATURAL SWAB TEST - RECOVERED 1.67 BBLS, NO OIL

1/2 HR NATURAL SWAB TEST - RECOVERED 1.67 BBLS, NO OIL

T.R. SERVICE ON LOCATION w/ 4 1/2" MODEL-R PACKER AND LOC-SET RETRIEVABLE BRIDGE PLUG TO RUN IN HOLE VIA 2 3/8" TUBING IN ORDER TO ISOLATE TEST AND ACIDIZE EACH OF LANSING PERFS SEPARATELY.

RIH - w/ TUBING AND TOOLS, LEAVE TOOLS HANGING ABOVE LANSING.

SHUT WELL IN. SHUT DOWN FOR NIGHT.

10/16/03 COMANCHE WELL SERVICE, ACID SERVICE, PAUL'S WATER SERVICE, AND T.R. SERVICE ON LOCATION TO SET TOOLS AND NATURAL TEST, THEN ACID STIMULATE EACH OF THE LANSING PERFS w/ 15% DSFE ACID, 300 GALS TO "H", 300 GALS TO "J", AND SET OVER BOTH A & B AND ACIDIZE w/ 400 GALS.

T.R. SERVICE SET TOOLS TO ISOLATE LANSING "J" PERFS.

COMANCHE RIG TO SWAB 2 3/8" TUBING IN ORDER TO SWAB TEST LANSING "J" PERFS NATURAL.

10/16/03
CONT.

SWAB TEST 1/2 HR NAT. - RECOVERED 0.38 BBL FLUID, TRACE OF OIL
RELEASE PACKER, SPOT ACID ON LANSING "J" PERFS.

ACIDIZE LANSING "J" PERFORATIONS AS FOLLOWS:

PUMP 300 GALS 15% DSFE ACID.
LOAD HOLE w/ 13 BBLS 2% KCL WATER.
PRESSURE TO 600#, BROKE BACK SLOWLY.
DISPLACE 300 GALS ACID @ 0.25 BPM - 425#
ISIP - 500
TTL LIQUID LOAD - 21 BBLS

COMANCHE RIGGED TO SWAB TEST LANSING "J" PERFS AFTER ACID.

SWAB TEST LANSING "J" PERFORATIONS
AFTER ACID AS FOLLOWS:

SWAB HOLE DOWN TO PACKER, RECOVERED 13.36 BBLS.
1/2 HR SWAB TEST - RECOVERED 0.83 BBLS 50% OIL
1/2 HR SWAB TEST - RECOVERED 0.83 BBLS 56% OIL
1/2 HR SWAB TEST - RECOVERED 0.83 BBLS 55% OIL

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T.R. SERVICE MOVE TOOLS AND ISOLATE LANSING "H" PERFS.

COMANCHE SWABBED TUBING DOWN TO PACKER.
1/2 NATURAL SWAB TEST - REC. 0.25 BBL, SHOW OF OIL
RELEASE PACKER AND SPOT ACID ON LANSING "H" PERFS.
SET PACKER BACK ABOVE PERFORATIONS.

ACIDIZE LANSING "H" PERFORATIONS AS FOLLOWS:

PUMP 300 GALS 15% DSFE ACID.
LOAD HOLE w/ 13 BBLS, 2% KCL WATER.
PRESSURE UP TO 1700#, BROKE BACK.
DISPLACE 500 GALS 12% DSFE ACID @ 1/2 BPM - 750#
ISIP - 725#
TTL LIQUID LOAD - 21 BBLS

COMANCHE RIGGED TO SWAB TEST LANSING "H" PERFS AFTER ACID.

SWAB TEST LANSING "H" PERFORATIONS
AFTER ACID AS FOLLOWS:

SWAB TUBING DOWN TO PACKER, REC. 15.44 BBLS, 33% OIL
1/2 HR SWAB TEST - RECOVERED 0.38 BBLS 42% OIL
1/2 HR SWAB TEST - RECOVERED 0.38 BBLS 24% OIL
1/2 HR SWAB TEST - RECOVERED 0.38 BBLS 24% OIL

SHUT WELL IN. SHUT DOWN FOR NIGHT.

10/17/03

COMANCHE SERVICE ON LOCATION TO CHECK PRESSURE.
SITP - 9#, SICP - DEAD
 COMANCHE MADE SWAB OFF PACKER. RECOVERED 2.50 BBLS - 700'
 30' OF FREE OIL ON LANSING "H"
CBHP - CALCULATES - 349# ON LANSING "H"

T.R. SERVICE ON LOCATION. RELEASE MOVE TOOLS AND SET TO
 ISOLATE LANSING "A" & "B" PERFS.

COMANCHE SWAB TUBING TO TTL DEPTH AT PACKER.
½ HR NATURAL SWAB TEST - REC. 2½ BBLS, 8% OIL.
 RELEASE PACKER, RUN 1 JT, SPOT ACID OVER PERFS.

ACID SERVICE ON LOCATION w/ 400 GALS, 15% DSFE ACID TO THE
 LANSING "A" & "B" PERFS.

ACIDIZE LANSING "A" & "B" PERFORATIONS AS FOLLOWS:

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PUMP 400 GALS 15% DSFE ACID.
 LOAD HOLE w/ 13 BBLS 2% KCL WATER
 PRESSURE TO 50#, BROKE BACK QUICKLY
 DISPLACE 500 GALS ACID @ 1 BPM - 50#
ISIP - VACUUM
TTL LIQUID LOAD - 21 BBLS

COMANCHE RIGGED TO SWAB TEST LANSING "A" & "B" PERFS AFTER
 ACID.

SWAB TEST LANSING "A" & "B" PERFORATIONS
 AFTER ACID AS FOLLOWS:

SWAB TUBING DOWN TO TTL DEPTH AT PACKER. REC. 25 BBLS, 12% OIL
½ HR SWAB TEST - RECOVERED 2.50 BBLS 20% OIL
½ HR SWAB TEST - RECOVERED 3.34 BBLS 21% OIL
½ HR SWAB TEST - RECOVERED 2.92 BBLS 20% OIL
½ HR SWAB TEST - RECOVERED 3.01 BBLS 20% OIL

T.R. SERVICE ON LOCATION. RELEASED TOOLS.
 COMANCHE RIGGED TO PULL 2 3/8" TUBING.

POOH - w/ TUBING AND TOOLS.

SHUT WELL IN. SHUT DOWN FOR WEEKEND.

10/20/03

SICP - 8#

COMANCHE WELL SERVICE ON LOCATION. RIGGED TO SWAB 4½" CSN.
 AFTER PULLING TOOLS ON FRIDAY, FOUND DRILLING MUDE ON TOOLS.
 WILL SWAB CSN TO CLEAN UP WELL BORE BEFORE RUNNING TOOLS
 BACK IN HOLE FOR RETREATMENT OF LANSING "H" & "J" PERFS.

RIH - w/ TUBING AND TOOLS.

10/20/03
CONT.

T.R. SERVICE AND ACID SERVICE ON LOCATION TO ISOLATE "H" & "J" LANSING ZONES SEPARATELY, AND RETREAT EACH w/ 2,000 GALS SGA 15% FOAMED ACID.

ISOLATE LANSING "J" ZONE AND TREAT w/ 2,000 GALS SGA 15% FOAMED ACID.

RE-ACIDIZE LANSING "J" PERFORATIONS AS FOLLOWS:

PUMP 2,000 GALS SGA FOAMED ACID.
HOLE LOADED w/ ACID
PRESSURE TO 500#, BROKE BACK
DISPLACE 2,000 GALS ACID @ 1 BPM - 425#
ISIP - 425#
TTL LIQUID LOAD - 60 BBLS

COMANCHE WELL AND T.R. SERVICE RELEASED TOOLS, MOVED TOOLS UP HOLE, AND ISOLATE LANSING "H" PERFS FOR RETREATMENT.

ACID SERVICE ON LOCATION TO RETREAT LANSING "H" PERFS w/ 2,000 GALS. SGA FOAMED ACID 15%.

RE-ACIDIZE LANSING "H" PERFORATIONS AS FOLLOWS:

PUMP 2,000 GALS 15% SGA FOAMED HOLE
HOLE LOADED w/ ACID.
PRESSURE TO 750#, BROKE BACK
DISPLACE 2,000 GALS ACID @ 1.5 BPM - 750# TO 500#.
ISIP - VACUUM, LANSING "H" COMMUNICATED w/ LANSING "A" & "B" PERFS.
TTL LIQUID LOAD - 60 BBLS

T.R. SERVICE AND COMANCHE RELEASED TOOLS.
POOH - w/ TUBING AND TOOLS.

COMANCHE RIGGED TO CSN. SWAB TEST ALL LANSING PERFS AFTER ACID.

SWAB TEST ALL LANSING PERFORATIONS
AFTER ACID AS FOLLOWS:

SWAB CSN DOWN TO TTL DEPTH. RECOVERED 35 BBLS.
RECOVERED 35 BBLS OF 120 BBL ACID LOAD. DID NOT MAKE ANY ½ HR SWAB TESTS. GOT TOO LATE. FLUID SWABBED BACK WAS ALL H2O LOAD.

SHUT WELL IN. SHUT DOWN FOR NIGHT.

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COMANCHE WELL SERVICE ON LOCATION TO CHECK PRESSURE.
 SICP - 64#
 COMANCHE RIGGED TO CSN SWAB AND SWAB TEST ALL LANSING PERFS TOGETHER.
 FLUID LEVEL WAS 1900' FROM SURFACE, 125' OF FREE OIL.
 SWAB WELL CONTINUALLY FOR 1 HR, RECOVERED 53 BBLS.
 53% OIL ON LAST RUN OF HOUR.
BOTTOM HOLE PRESSURE - CALCULATES - 673# w/ 1300' OF FLUID IN HOLE.
 1 HR CONTINUOUS SWAB TEST - REC. 33 BBLS 42% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 33 BBLS 41% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 30 BBLS 33% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 30 BBLS 41% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 30 BBLS 40% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 28 BBLS 41% OIL
 1 HR CONTINUOUS SWAB TEST - REC. 30 BBLS 40% OIL

SHUT WELL IN. SHUT DOWN FOR NIGHT.

10/22/03

COMANCHE WELL SERVICE ON LOCATION TO CHECK PRESSURE ON CSN.
 SICP - 6#
SIBHP - CALCULATES 308# w/ 700' OF FLUID IN HOLE w/ 300' OF FREE OIL.

COMANCHE WELL SERVICE RIGGED TO LAY DOWN 2 3/8" TUBING FROM DERRICK. LAY TUBING DOWN. SIOUX TANK WINCH TRUCK ON LOCATION w/ STRING ON 2 7/8" TUBING AND TAPERED STRING OF RODS. 3/4" & 7/8". UNLOAD TUBING AND RODS. LOAD AND HAUL BACK TO OPIK YARD. THE STRING OF 2 3/8" TUBING.

COMANCHE RIGGED TO RUN 2 7/8" TUBING IN HOLE FOR PRODUCTION.

RUN PRODUCTION TUBING AS FOLLOWS:

2 7/8" MUD ANCHOR	15.00'
2 7/8" SEATING NIPPLE	1.10'
111 JTS OF USED 2 7/8" TUBING	3395.98'
K.B. (5 < 3)	2.00'
TUBING SET @	3414.08'
SEATING NIPPLE SET @	3399.08'

TAG BOTTOM WITH TUBING AT 3441'
 PICK UP AND LAND TUBING 27' OFF BOTTOM.

COMANCHE RIGGED TO RUN BOTTOM HOLE PUMP AND TAPERED STRING OF RODS.

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CONT.

RUN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2 1/2" x 2" x 14' RWBC w/ 6' GAS ANCHOR	16.00'
75 USED 3/4" RODS	1875.00'
59 USED 7/8" RODS	1475.00'
2 - 8' x 3/8" & 1 - 2' x 7/8" ROD SUBS	18.00'
1 1/4" POLISHED ROD w/ 7' LINER	16.00'
PUMP SET @	3399.00'

SPACE OUT PUMP, LONG STROKED, HAD GOOD PUMP ACTION.
CLAMPED OFF RODS, COMANCHE RIGGED DOWN. MOVED OFF
LOCATION.

10/22/03
thru
10/24/03

SET SURFACE EQUIPMENT AS SHOWN.
SET TANK BATTERY APPROX 100' SE OF WELL. LAY LEAD LINE.
PUT WELL IN SERVICE 10/24/03.
8 SPM x 64" = 230 BTFPD PUMP CAPACITY.

END OF REPORT
TIM THOMSON

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