

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 051-24,777 0000

Operator: License # 6239

Name: Zinszer Oil Company

Address 206 W. 26th

City/State/Zip Hays, KS 67601

Purchaser: Citgo

Operator Contact Person: Perry S. Henman

Phone (913) 625-9448 or 726-3768

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Paul A. Montoia

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1/16/92 1/24/92 3/5/92
Spud Date Date Reached TD Completion Date

County Ellis

S/2 - SE - SE - _____ Sec. 15 Twp. 11 Rge. 17 ^EX _W

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

660 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 Simpson Well # 4

Field Name Bemis - Shutts

Producing Formation Arbuckle

Elevation: Ground 1858 KB 1863

Total Depth 3419 LTD PBTD 3396

Amount of Surface Pipe Set and Cemented at 224.46 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1079.9 Feet

If Alternate II completion, cement circulated from 1079.9

feet depth to surface w/ 285 sx cmt.

Drilling Fluid Management Plan 3-24-92
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name 03-20-92

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 [Signature]

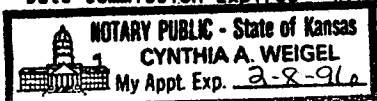
Title Production Manager/Geologist Date _____

Subscribed and sworn to before me this 18th day of March, 19 92.

Notary Public Cynthia A. Weigel
Cynthia A. Weigel

Date Commission Expires February 8, 1996

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name Zinszer Oil Company Lease Name Simpson Well # 4

Sec. 15 Twp. 11 Rge. 17 East West
 County Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2790	-927
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3022	-1159
List All E.Logs Run:		Toronto	3048	-1185
Gamma Ray - Neutron		Lansing	3070	-1207
Guard & Caliper		BKC	3313	-1450
Sonic Bond Log		Arbuckle	3385	-1522
		LTD	3419	-1556
		Ran 5 DST's, attached.		

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"	19#	224.46'	60/40poz	140	3%cc, 2%gel
Production	7 7/8"	5 1/2"	14#	3417.63'	60/40poz	150	10% salt 5% gilsonite
Production DV				1079.90'	60/40poz	285	6% gel.

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	3412-13	Micro Matrix	25	CFR-3 (6 lbs.)
<input checked="" 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	
3 spf	3412 - 13 (squeezed as above)			
3 spf	3401 - 02		2 Bbls. 15% NE	3401-02
4 spf	3396 Baker Bridge Plug			
4 spf	3388 - 89.5			

TUBING RECORD	Size 2 7/8"	Set At 3333'	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
3/5/92				
Estimated Production Per 24 Hours	Oil 28 Bbls.	Gas -0- Mcf	Water 480 Bbls.	Gas-Oil Ratio Gravity est. 31.5

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: 3388 - 3389.5

ORIGINAL

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1876

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	1-24-92	Sec.	15	Twp.	11	Range	17	Called Out		On Location		Job Start		Finish	3 AM
Lease	Simson	Well No.	4	Location				Oxy Camp Bemis Field		County	Ellis	State	KS		

Contractor	Emphasis Drily		
Type Job	Production String (2 stage)		
Hole Size	7 7/8	T.D.	3475
Csg.	5 1/2	Depth	
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner	NW side
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 listed.	
Charge To	ZINZER Oil Company
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
CEMENT	
Amount Ordered	300 ⁸⁰ / ₄₀ 6% gel

EQUIPMENT

No.	Cementor	<i>Bill</i>
Pumptrk 153	Helper	<i>Dave</i>
No.	Cementor	<i>Jared</i>
Pumptrk	Helper	<i>Jason</i>
218	Driver	<i>Mark</i>
146	Driver	

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

DEPTH of Job	
Reference:	<i>Dump Trk chg</i>
	Sub Total
	Tax
	Total

Handling	
Mileage	
	Sub Total
	Total
Floating Equipment	

Remarks: *plug Rathole w/ 15 sk*
Cement did Cir.
Bill M^cAdoo Allied.
to 7/11 ZINZER O.

[Handwritten notes and signatures]

ORIGINAL

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1875

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date <i>1-24-92</i>	Sec. <i>15</i>	Twp. <i>11</i>	Range <i>17</i>	Called Out	On Location	Job Start	Finish <i>2:00AM</i>
Lease <i>Simsford</i>	Well No. <i>4</i>	Location <i>OXY Camp Bem's Field</i>		County <i>Ellis</i>	State <i>KS</i>		

Contractor <i>Emphasis Drilling</i>	Owner <i>NW side</i>
Type Job <i>Production String (2 stage)</i>	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 listed.
Hole Size <i>7 7/8</i>	T.D. <i>3419</i>
Csg. <i>5 1/2</i>	Depth <i>3417</i>
Tbg. Size	Depth
Drill Pipe	Depth
Tool <i>Arrow</i>	Depth <i>1107</i>
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace

Charge To <i>ZINZPE OIL COMPANY</i>
Street <i>266 W 26th</i>
City <i>Hays</i> State <i>KS 67601</i>
The above was done to satisfaction and supervision of owner agent or contractor.
Purchase Order No. <i>2977</i>
<input checked="" type="checkbox"/> <i>500 gal WFR-2 CEMENT</i>

Perf.

EQUIPMENT		
Pumptrk <i>153</i>	No.	Cementer <i>Bell</i>
		Helper <i>Devo</i>
Pumptrk <i>215</i>	No.	Cementer <i>Jerald</i>
		Helper <i>Jerald</i>
Bulktrk <i>146</i>		Driver <i>Vernon</i>
Bulktrk <i>146</i>		Driver <i>Mark</i>

Amount Ordered <i>150⁶⁰ @ 100 sack 5% gr/sack</i>
Consisting of
Common
Poz. Mix
Gel
Chloride
Quickset
Sales Tax
Handling
Mileage
Sub Total
Total

DEPTH of Job	
Reference: <i>PUMP to k chg</i>	
<i>2' @ Per mi 1/2</i>	
Sub Total	
Tax	
Total	

Floating Equipment <i>52</i>
<i>1 Guide shoe</i>
<i>1 Baker insert</i>
<i>1 Basket</i>
<i>6 Centralizers</i>
<i>1 Arrow DW Tool</i>

Remarks: *Flow held*

ORIGINAL

Phone 913-483-2627, Russell, Kansas
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 1869

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	1-16-92	Sec.	15	Twp.	11	Range	17	Called Out		On Location		Job Start		Finish	12:15 P.M.
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Lease	Simpson	Well No.	4	Location	OXY BENIS CAMP	County	Ellis	State	KS
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Contractor	Emphasis Dr'g	Owner	1/8 NW
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Type Job	Surface	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish center and helper to assist owner or contractor to do work as listed.	
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Hole Size	12 1/4	T.D.	230
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Csg.	8 1/2	Depth	227
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Tbg. Size		Depth	
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Drill Pipe		Depth	
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Tool		Depth	
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Cement Left in Csg.	10-13	Shoe Joint	
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Press Max.		Minimum	
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Meas Line		Displace	
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Perf.			
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Purchase Order No.		<input checked="" type="checkbox"/> <i>Larry [Signature]</i> CEMENT	
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Amount Ordered	140 3/4 3% CC 2% gel		
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Consisting of			
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Common			
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Poz. Mix			
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Gel.			
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Chloride			
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Quickset			
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Handling			
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Mileage			
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Sub Total			
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Total			
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Floating Equipment			
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Remarks:			
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Remarks:			
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Remarks:			
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Remarks:			
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Remarks:			
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DEPTH of Job
 Reference: Pump truck
 1200 Per mile
 8 1/2 wooden plug
 Sub Total
 Tax
 Total
 Cement Co

TRILOBITE TESTING COMPANY, ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SIMPSON #4 Test No. 1 Date 1/20/92
 Company ZINZER OIL Zone Tested TORONTO
 Address 206 W 26th HAYS KANSAS 67601 Elevation 1863
 Co. Rep./Geo. PAUL MONTOIA Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
 Location: Sec. 15 Twp. 11S Rge. 17W Co. ELLIS State KS

Interval Tested 3026-3050 Drill Pipe Size 4.5 XH
 Anchor Length 24 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 3021 Drill Collar - 2.25 Ft. Run 30
 Bottom Packer Depth 3026
 Total Depth 3050

Mud Wt. 9 lb / gal. Viscosity 48 Filtrate 9.2

Tool Open @ 9:29 AM Initial Blow SLID TOOL 8' WHEN OPENED - 3" BLOW DECREASING TO 1.5"

Final Blow NO BLOW

Recovery - Total Feet 50 Flush Tool? NO

Rec. 50 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT 86 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1274.3 PSI Ak1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 44.2 PSI @ (depth) 3030 w/Clock No. 8698

(C) First Final Flow Pressure 44.2 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure 85.6 PSI @ (depth) 3049 w/Clock No. 17640

(E) Second Initial Flow Pressure 52.3 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 52.3 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 70.2 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 1251.5 PSI Initial Shut-in 15 Final Shut-in 20:30

Our Representative PAUL SIMPSON TOTAL PRICE \$ 550

TRILOBITE TESTING COMPANY, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name SIMPSON #4 Test No. 2 Date 1/21/92
Company ZINZER OIL Zone Tested LKC-"E-G"
Address 206 W 26th HAYS KANSAS 67601 Elevation 1863
Co. Rep./Geo. PAUL MONTOIA Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
Location: Sec. 15 Twp. 11S Rge. 17W Co. ELLIS State KS

Interval Tested 3110-3175 Drill Pipe Size 4.5 XH
Anchor Length 65 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3105 Drill Collar — 2.25 Ft. Run _____
Bottom Packer Depth 3110
Total Depth 3175

Mud Wt. 8.9 lb / gal. Viscosity 47 Filtrate 9.2

Tool Open @ 2:31 AM Initial Blow WEAK 1/2" BLOW BUILDING TO 4"

Final Blow VERY WEAK SURFACE BLOW BUILDING TO 2"

Recovery — Total Feet 70 Flush Tool? NO

Rec. 1 Feet of CLEAN OIL

Rec. 9 Feet of SLTLY OIL CUT MUD-5%OIL/95%MUD

Rec. 60 Feet of MUD W/ FEW SPOTS OF OIL

Rec. _____ Feet of _____

Rec. _____ Feet of _____
BHT 90 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1525.5 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 41.2 PSI @ (depth) 3142 w/Clock No. 17640

(C) First Final Flow Pressure 52.3 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure 605.4 PSI @ (depth) 3174 w/Clock No. 25810

(E) Second Initial Flow Pressure 62.4 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 62.4 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 430.1 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1515.2 PSI Initial Shut-in 60 Final Shut-in 45

Our Representative PAUL SIMPSON TOTAL PRICE \$ 550

TRILOBITE TESTING COMPANY, L.L.C.
P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name SIMPSON #4 Test No. 3 Date 1/22/92
Company ZINZER OIL Zone Tested ARBUCKLE
Address 206 W 26th HAYS KANSAS 67601 Elevation 1863
Co. Rep./Geo. PAUL MONTOIA Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
Location: Sec. 15 Twp. 11S Rge. 17W Co. ELLIS State KS

Interval Tested 3343-3383 Drill Pipe Size 4.5 XH
Anchor Length 40 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3338 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3343
Total Depth 3383

Mud Wt. 9 lb / gal. Viscosity 49 Filtrate 9.6

Tool Open @ 4:50 AM Initial Blow LOST TOOL WHEN TOOL OPENED-RESET TOOL-MUD HELD ON
3rd TRY-WEAK 1/2" BLOW DIED IN 4 MINUTES
Final Blow NO BLOW-FLUSHED TOOL-WEAK BLOW DIED IN 5 MINUTES

Recovery — Total Feet 110 Flush Tool? YES

Rec. 110 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____
BHT 96 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1680.2 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure _____ PSI @ (depth) 3345 w/Clock No. 8698

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure _____ PSI @ (depth) 3382 w/Clock No. 17640

(E) Second Initial Flow Pressure 85.4 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 85.4 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 277.6 PSI Initial Opening 15 Final Flow _____

(H) Final Hydrostatic Mud 1560.4 PSI Initial Shut-in 15 Final Shut-in _____

Our Representative PAUL SIMPSON TOTAL PRICE \$ 550

TRILOBITE TESTING COMPANY, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SIMPSON #4 Test No. 4 Date 1/22/92
 Company ZINZER OIL Zone Tested ARBUCKLE
 Address 206 W 26th HAYS KANSAS 67601 Elevation 1863
 Co. Rep./Geo. PAUL MONTOIA Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
 Location: Sec. 15 Twp. 11S Rge. 17W Co. ELLIS State KS

Interval Tested 3313-3383 ^S Drill Pipe Size 4.5 XH
 Anchor Length 70 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 3308 Drill Collar - 2.25 Ft. Run _____
 Bottom Packer Depth 3313
 Total Depth 3383

Mud Wt. 9.2 lb / gal. Viscosity 46 Filtrate 8.8

Tool Open @ 3:18 PM Initial Blow SLID TOOL 4 FT WHEN OPENED-STRONG BLOW TO
BOTTOM OF BUCKET IN 20 SECONDS
 Final Blow NO BLOW-FLUSHED TOOL-THEN PULLED TOOL

Recovery - Total Feet 1725 Flush Tool? YES

Rec. 300 Feet of SLTLY OIL CUT MUD-5%OIL/95%MUD
 Rec. 300 Feet of OIL & WTR CUT MUD-15%OIL/5%WTR/80%MUD
 Rec. 925 Feet of OIL & MUD CUT WATER-10%OIL/80%WTR/10%MUD
 Rec. _____ Feet of _____

Rec. _____ Feet of _____
 BHT 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 0.317 @ 66.5 °F Chlorides 24000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud _____ PSI Ak1 Recorder No. 13337 Range 3975
 (B) First Initial Flow Pressure 215.4 PSI @ (depth) 3347 w/Clock No. 25810
 (C) First Final Flow Pressure 708.6 PSI Ak1 Recorder No. 24174 Range 3350
 (D) Initial Shut-in Pressure 840.2 PSI @ (depth) 3382 w/Clock No. 17640
 (E) Second Initial Flow Pressure _____ PSI Ak1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow _____
 (H) Final Hydrostatic Mud _____ PSI Initial Shut-in 30 Final Shut-in _____

Our Representative PAUL SIMPSON TOTAL PRICE \$ 550

TRILOBITE TESTING COMPANY, ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name SIMPSON #4 Test No. 5 Date 1/23/92
Company ZINZER OIL Zone Tested ARBUCKLE
Address 206 W 26th HAYS KANSAS 67601 Elevation 1863
Co. Rep./Geo. PAUL MONTOIA Cont. EMPHASIS RIG #6 Est. Ft. of Pay _____
Location: Sec. 15 Twp. 11S Rge. 17W Co. ELLIS State KS

Interval Tested 3383-3389 Drill Pipe Size 4.5 XH
Anchor Length 6 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3378 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3383
Total Depth 3389

Mud Wt. 9.2 lb / gal. Viscosity 47 Filtrate 11.8

Tool Open @ 4:05 AM Initial Blow SLID TOOL 6' WHEN OPENED-1" BLOW
DECREASING TO 1/2"
Final Blow NO BLOW-FLUSHED TOOL 3 TIMES-GOT SURGE EACH
TIME BUT NO BLOW

Recovery - Total Feet 15 Flush Tool? YES

Rec. 15 Feet of MUD

Rec. _____ Feet of MISRUN-PLUGGED ANCHOR

Rec. _____ Feet of _____

Rec. _____ Feet of _____

Rec. _____ Feet of _____

BHT _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1588.7 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure _____ PSI @ (depth) 3375 w/Clock No. 17640

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure _____ PSI @ (depth) 3388 w/Clock No. 25810

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1504.7 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON TOTAL PRICE \$ 400

EMPHASIS OIL OPERATIONS

P. O. BOX 506
 RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Zinszer Oil Company
 206 W. 26th Street
 Hays, Kansas 67601

CONTRACTOR: Emphasis Oil Operations
 Box 506
 Russell, KS 67665

LEASE: Simpson WELL #4 LOCATION: S/2 SE SE
 Section 15-11S-17W
 Ellis County, Kansas

LOGGERS TOTAL DEPTH: 3419'
 ROTARY TOTAL DEPTH: 3415' ELEVATION: 1863' K. B.
 COMMENCED: 1/16/92 COMPLETED: 1/24/92
 CASING: 8-5/8" @ 224' w/140 sks cement STATUS: Oil Well
 5-1/2" @ 3417' w/150 sks cement (First Stage)
 w/300 sks cement (Second Stage)

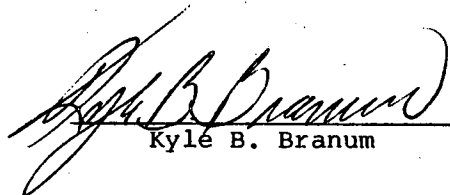
DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand & Shale	230'	Toronto	3046'
Sand	600'	Lansing-Kansas City	3068'
Shale	730'	Base Kansas City	3037'
Anhydrite	1078'	Simpson	3360'
Shale	1112'	Arbuckle	3383'
Topeka	2788'	R.T.D.	3415'
Heebner	3020'		

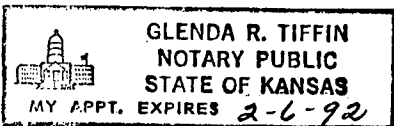
STATE OF KANSAS)
) ss
 COUNTY OF RUSSELL)


Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.


 Kyle B. Branum

Subscribed and sworn to before me on January 27, 1992.

My commission expires: February 6, 1992.




 Glenda R. Tiffin, Notary Public