

CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 3293
Name: Russell Oil, Inc.
Address P.O. Box 272
City/State/Zip Russell, KS 67665
Purchaser: Farmland Industries, Inc.
Operator Contact Person: LeRoy Holt II
Phone (913) 483-3954
Contractor: Name: Shields Oil Producers
License: 5184
Wellsite Geologist: Francis Whisler

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____
Well Name: _____
Comp. Date _____ old total depth _____
_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBTD
_____ Comm. Inj. _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
3-4-96 3-15-96 3-26-96
Spud Date Date Reached TD Completion Date

API NO. 15- 141-203140000
County Osborne
50' N. SE - NE - SE Sec. 3 Twp. 10 Rge. 12 ^E _W
1700' Feet from S (circle one) Line of Section
330' Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)
Lease Name McNerney "B" Well # 1
Field Name Sigle North
Producing Formation Lansing/ Kansas City
Elevation: Ground 1786' KB 1791'
Total Depth 4300' PBTD 3100'
Amount of Surface Pipe Set and Cemented at 843 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 cat.

Drilling Fluid Management Plan A.H. 1, 9-24-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 72K ppm Fluid volume 375 bbls
Dewatering method used evaporation

Location of fluid disposal if hauled offsite: KCC

Operator Name _____
Lease Name 5-15-96 License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County Osborne Docket No. _____

RELEASED

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 14

CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

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 LeRoy Holt II
Title Vice-President Date 5-14-96
Subscribed and sworn to before me this 14 day of May, 19 96.
Notary Public Carolyn Gnad
Date Commission Expires _____

CAROLYN GNAD
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES: 10-22-97

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

Operator Name Russell Oil, Inc.

Lease Name McNerney "B"

Well # 1

Sec. 3 Twp. 10 Rge. 12

East
 West

County Osborne

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	828'	+ 963
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2716'	- 925
List All E.Logs Run:	Radiation Guard	Heebner	2956'	-1165
	Dual Spaced Cement	Lansing/KC	3012'	-1221
	Bond	BKC	3336'	-1545
		Mississippi	3626'	-1835
		Viola	3730'	-1936
		Simpson	3988'	-2197
		Arbuckle	4049'	-2258

CASING RECORD

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
(new) Surface	12 1/4"	8 5/8"	23#	843	60/40 poz	325	2% gel 3% C.C.
(used) Production	7 7/8"	5 1/2"	14#	4101	ASC	100	
					60/40 poz	150	2% 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				
<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
4	3018-3020'	500 gallons 15% NE	
		2500 gallons 28% NE	

TUBING RECORD	Size 2 3/8"	Set At 3095'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 3-28-96	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	---

Estimated Production Per 24 Hours	Oil Bbls. 20	Gas Mcf 0	Water Bbls. 5	Gas-Oil Ratio	Gravity 40°
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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

3018-3020'

ALLIED CEMENTING CO., INC.

0710

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

CONFIDENTIAL

ORIGINAL

SERVICE POINT:

Russell

DATE <u>3-6-96</u>	SEC <u>3</u>	TWP. <u>10</u>	RANGE <u>12</u>	CALLED OUT <u>3:30pm</u>	ON LOCATION <u>5:15pm</u>	JOB START	JOB FINISH <u>7:30pm</u>
LEASE <u>McKee</u>	WELL # <u>R-1</u>	LOCATION <u>SN 3E 1N Luray</u>		COUNTY <u>Osborne</u>	STATE <u>Ks</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>Shields Drls</u>
TYPE OF JOB <u>SURFACE</u>
HOLE SIZE <u>12 1/2</u> T.D. <u>845</u>
CASING SIZE <u>8 3/8</u> DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE <u>830</u> SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.

OWNER

Same

CEMENT

AMOUNT ORDERED

325 sk 60/40 3% CC 2% Gel

COMMON <u>195</u> @ <u>6.10</u> <u>1189.50</u>
POZMIX <u>130</u> @ <u>3.15</u> <u>409.50</u>
GEL <u>6</u> @ <u>9.50</u> <u>57.00</u>
CHLORIDE <u>10</u> @ <u>28.00</u> <u>280.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>Bill L.</u>
<u>153</u> HELPER <u>DAVE</u>
BULK TRUCK DRIVER
DRIVER <u>Paul D.</u>

HANDLING <u>325</u> @ <u>1.05</u> <u>341.25</u>
MILEAGE <u>44</u> / <u>sk</u> / <u>mi</u> <u>403.00</u>

RELEASED

OCT 1 1998

TOTAL 2680.25

REMARKS:

Ran 70 fts of 8 3/8 pipe
Set to 843
Cement w/ 325 sk 60/40 3-2
Pump plug w/ 54 bbls
Cement did circ.

SERVICE FROM CONFIDENTIAL

DEPTH OF JOB <u>843</u>
PUMP TRUCK CHARGE <u>445.00</u>
EXTRA FOOTAGE <u>543</u> @ <u>4.14</u> <u>222.63</u>
MILEAGE <u>31</u> @ <u>2.35</u> <u>72.85</u>
PLUG <u>Rubber</u> @ <u>9.00</u> <u>90.00</u>

TOTAL 830.48

CHARGE TO: Russell Oil, Inc.

STREET Box 272
 CITY Russell STATE Kansas ZIP 67665

FLOAT EQUIPMENT

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 15 1996
CONSERVATION DIVISION
TOPEKA, KS

TAX
TOTAL CHARGE
DISCOUNT

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.

SIGNATURE Burton Beery

IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

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

CONFIDENTIAL ORIGINAL

SERVICE POINT:
Russell

DATE <u>3-15-96</u>	SEC. <u>3</u>	TWP. <u>10</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION <u>10 AM</u>	JOB START	JOB FINISH <u>2:15 PM</u>
LEASE <u>McNerney</u>	WELL# <u>B-1</u>	LOCATION <u>Luray SW 3 E 1 1/2 N</u>			COUNTY <u>Osborne</u>	STATE <u>Kan</u>	

OLD OR NEW (Circle one) NEW

CONTRACTOR Shields

TYPE OF JOB Prod String

HOLE SIZE 7 7/8 T.D. 4300'

CASING SIZE 5 1/2 DEPTH 4101

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 9.93

CEMENT LEFT IN CSG.

PERFS.

OWNER MAY 14

CEMENT

CONFIDENTIAL

AMOUNT ORDERED 175 40 2% gel

100 ASC 500 gal Mud Sweep

COMMON	<u>105</u>	@	<u>6 1/2</u>	<u>640.50</u>
POZMIX	<u>70</u>	@	<u>3 1/2</u>	<u>220.50</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE		@		
<u>W 30-2</u>	<u>500</u>	@	<u>1.00</u>	<u>500.00</u>
<u>ASC</u>	<u>100</u>	@	<u>7.85</u>	<u>785.00</u>
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>288.75</u>
MILEAGE	<u>40 / 50 / 100</u>			<u>352.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER McAdoo

177 HELPER Allen

BULK TRUCK

160 DRIVER Ray

BULK TRUCK

155 DRIVER

RELEASED OCT 1 1996 SERVICE

TOTAL 2815.25

REMARKS:

Float Held.

FROM CONFIDENTIAL

DEPTH OF JOB 4101

PUMP TRUCK CHARGE 1030.00

EXTRA FOOTAGE @

MILEAGE 32 @ 2.35 75.20

PLUG 4 1/2 @ 6.00 30.00

TOTAL 1143.20

CHARGE TO: Russell Oil

STREET Box 272

CITY Russell STATE Kansas ZIP 67665

FLOAT EQUIPMENT

Insert @ 2.35 235.00

6 cent @ 53.00 318.00

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 15 1996

TOTAL 553.00

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.

SIGNATURE Burton Becky

CONSERVATION DIVISION TAX WICHITA, KS

TOTAL CHARGE

DISCOUNT

IF PAID IN 30 DAYS

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 6760

15-141-20314-00-00

COPY

CONFIDENTIAL

Test Ticket

No 8920

Well Name & No. Mc Nerney #1 Test No. 1 Date 3-10-96
 Company Russell Oil Co Zone Tested LKC-A'
 Address PO Box 272 Russell Ks 67665 Elevation 1785 KB 1780 GL
 Co. Rep / Geo. Francis Whisler Cont. Shields Est. Ft. of Pay Por. %
 Location: Sec. 3 Twp. 10s Rge. 12w Co. Osburne State Ks
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2994-3030 Initial Str Wt./Lbs. 59,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 36 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 2989 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 2994 Wt. Pipe I.D. — 2.7 Ft. Run 745
 Total Depth 3030 Drill Collar — 2.25 Ft. Run

Mud Wt. 8.9 LCM Vis. 44 WL 7.2 Drill Pipe Size 4 1/2" ft Ft. Run ~~2994~~ 294
 Blow Description 1/2" blow building to 9

ISD - weak surface blow died in 5 minutes
FS - 1 1/2" blow builds to bottom of bucket in 55 minutes
EST - very few bubbles

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
Rec. <u>300</u>	Feet Of <u>WIP</u>	<u>120</u>					
Rec. <u>60</u>	Feet Of <u>HOCM</u>			<u>25</u>	<u> </u>	<u>75</u>	<u> </u>
Rec. <u>60</u>	Feet Of <u>gassy MO</u>			<u>50</u>	<u> </u>	<u>30</u>	<u> </u>
Rec. <u> </u>	Feet Of <u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u> </u>	Feet Of <u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>

BHT 95 °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1424 PSI Recorder No. 24174 T-Started 1710
 (B) First Initial Flow Pressure 37 PSI @ (depth) 2997 T-Open 1820
 (C) First Final Flow Pressure 37 PSI Recorder No. 10992 T-Pulled 2150
 (D) Initial Shut-in Pressure 659 PSI @ (depth) 3025 T-Out 2245
 (E) Second Initial Flow Pressure 52 PSI Recorder No.
 (F) Second Final Flow Pressure 59 PSI @ (depth)
 (G) Final Shut-in Pressure 629 PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 1388 PSI Initial Shut-in 60 Jars

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Paul Simpson
 Our Representative Paul Simpson

RECEIVED
 WICHITA CORPORATION COMMISSION
 MAY 15 1996
 CONSERVATION DIVISION
 WICHITA, KS
 Safety Joint
 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 6760

15-141-20314-00-00

COPY

CONFIDENTIAL

Test Ticket

No 8921

Well Name & No. Mc Nerney 'B' #1 Test No. 2 Date 3-10-96
 Company Russell Oil, Inc Zone Tested 2KCB1
 Address _____ Elevation 1785 KB 1780 GL
 Co. Rep / Geo. Francis Whisk Cont. Shields Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 3 Twp. 10s Rge. 12w Co. Ozborne State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3040-3060
 Anchor Length 20
 Top Packer Depth 3035
 Bottom Packer Depth 3040
 Total Depth 3060

Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. _____
 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. _____
 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Wt. Pipe I.D. — 2.7 Ft. Run 245
 Drill Collar — 2.25 Ft. Run _____
 Drill Pipe Size 4 1/2 FT Ft. Run 2042 2240 2300

Mud Wt. 9.0 LCM _____ Vis. 41 WL 2.6
 Blow Description 3/4" blow building to 3"

FS - 1/2" blow building to 2 1/2"

MAY 14

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
<u>65</u>		<u>65</u>					
Rec. <u>3</u>	Feet Of <u>clean oil</u>						
Rec. <u>62</u>	Feet Of <u>oil specked muddy water</u>						
Rec. _____	Feet Of RELEASED						
Rec. _____	Feet Of _____						
Rec. _____	Feet Of <u>OCT 1 1998</u>						

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BHT 916 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1431 PSI Recorder No. 24174 T-Started 0700
 (B) First Initial Flow Pressure 37 PSI @ (depth) 3042 T-Open 0754
 (C) First Final Flow Pressure 37 PSI Recorder No. 16994 T-Pulled 1124
 (D) Initial Shut-in Pressure 857 PSI @ (depth) 3055 T-Out _____
 (E) Second Initial Flow Pressure 37 PSI Recorder No. _____
 (F) Second Final Flow Pressure 44 PSI @ (depth) _____
 (G) Final Shut-in Pressure 857 781 PSI Initial Opening 30 Test _____
 (H) Final Hydrostatic Mud 1416 PSI Initial Shut-in 60 Jars _____

RECEIVED KANSAS CORPORATION COMMISSION

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____
 Our Representative Paul Simpson

Final Flow 60 Safety Joint MAY 15 1996
 Final Shut-in 60 Straddle _____
 _____ Circ. Sub _____
 _____ Sampler _____
 _____ Extra Packer _____
 _____ Elect. Rec. _____
 _____ Other _____
 TOTAL PRICE \$ _____

CONSERVATION DIVISION WICHITA KS

FRANCIS C. WHISLER
CERTIFIED PETROLEUM GEOLOGIST
AAPG No. 1933
RUSSELL, KANSAS 67665

ORIGINAL



RELEASED

OCT 1 1998

FROM CONFIDENTIAL

CONFIDENTIAL

GEOLOGICAL REPORT
FOR

RUSSELL OIL, INC.
P O BOX 272
Russell, Kansas

KCC
MAY 14
CONFIDENTIAL

15-141-20314

McNerney B-1
SE NE SE of Section 3
Twp. 10 South, Rge. 12 West
Osborne County, Kansas

March 18, 1996

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 15 1996

CONSERVATION DIVISION
WICHITA, KS

RUSSELL OIL, INC.

P O Box 272
Russell, Kansas 67665

Geological Report: McNerney B-1
SE NE SE of Sec. 3, 10s, 12w
Osborne County, Kansas

Contractor: Shields Drilling Co., Inc.

Drilling Commenced: March 4, 1996

Drilling Completed: March 15, 1996

Casing Record: 8 5/8" surface casing set 843' with 325
sacks cement.
5 1/2" production casing set 4101' with
250 sacks cement.

Samples: Saved and examined from 2700' to 4300', RTD.
Samples will be sent to Kansas Sample Bureau
at 4150 Monroe, Wichita, Kansas. Zones of
interest are described in this report.

Drilling Time: Recorded and plotted from 2700' to 4300', RTD.
A copy of the plotted drilling time/lithology
log is included with this report.

Drillstem Tests: 2 by Trilobite Testing LLC.

Electric Logs: Radiation-Guard-Caliper by Mercury Wireline.

Elevations: Kelly Bushing: 1791'
Ground Level: 1786
Measurements: From KB

FORMATIONS:	DRILLING DEPTHS:	E. LOG DEPTHS:	E. LOG DATUMS:
Anhydrite	833-863	828-858	+ 963
Topeka Lime	2721	2716	- 925
Heebner Shale	2961	2956	-1165
Toronto Lime	2985	2982	-1191
Lansing-Kansas City	3016	3012	-1221
C Zone Porosity	3072	3068	-1277
Base of Kansas City	3341	3336	-1545
Cherokee Shale	3492	3488	-1697
Conglomerate	3566	3564	-1773
Mississippi	3614	3626	-1835
Kinderhook	3710	3696	-1905
Viola	3740	3730	-1939
Simpson	3992	3988	-2197
Arbuckle	4049	4049	-2258
Total Depth	4300	4300	-2509

Lithology & Test Data: (corrected to E. log depths)

Lansing-Kansas City:

3012-3024: LS-white, light gray and buff, fine crystalline dense to fair
A zone crystalline porosity and some vuggy porosity. scattered light
oil stain with fair odor and trace of free oil. Tested by DST #1.

DRILLSTEM TEST No. 1: 2994-3030 (2990-3026) 30-60-60-60 with weak blow inc-
reasing to good. Off bottom of
bucket in 55 min.

Recovery: 300' of gas
60' HOCM. 25% oil, 75% mud
60' Gassy muddy oil. 20% gas,
50% oil, 30% mud.

IFP: 37-37 IBHP: 659
FFP: 52-59 FBHP: 629

3042-3050: LS-white, dense to chalky, fossiliferous and fine oolitic with
B zone rare spotty stain and trace of free oil. No odor. Very cherty.
Good porosity. Tested by DST #2.

DRILLSTEM TEST No. 2: 3040-3060 (3036-3056) 30-60-60-60- with weak blow

Recovery: 3! clean oil
62' oil specked muddy water

IFP: ~~37-37~~ IBHP: 781
FFP: 37-44 FBHP: 781

3068-3082: LS-white, buff, crystalline, dense to chalky with white fine
C zone oolitic and oolitic lime with good porosity and all barren
porosity with no show of oil. Some chert. Non-commercial.

Simpson:

4027-4032: SS-Abundant clusters, fine to medium grained, subrounded, clear
to brownish and grayish cast. Both loosely and tightly com-
pacted. Some pyritic sandstone. A few clusters carried dead
oil staining. No value.

Remarks & Recommendations:

The following table compares the McNerney B-1 with two nearby producing wells:

	McNerney B-1 SE NE SE Sec. 3	Sigle Trust #2 NW NW SW Sec. 2	Bowman A-2 NE SE NE Sec. 3
Anhydrite	+ 963	+ 971	+ 958
Lansing	-1221	-1211	-1218

You will note from the foregoing table that the McNerney B-1 ran somewhat lower, structurally, on top of the LKC when compared to the two nearby wells. However, the Lansing top of -1221 is still a few feet higher than the producing wells on the Chattam, Nelson and Brandt leases to the northwest.

I believe that the McNerney B-1 should complete satisfactorily in the A zone of the LKC. The well was drilled to the Arbuckle for deep penetration and cased in the Arbuckle for completion as a salt water disposal well at some later date.

Respectfully submitted;

Francis C. Whisler

Francis C. Whisler