

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- 185-22,860.0000

County Stafford

C-N/2-N/2-S/2 Sec. 22 Twp. 21S Rge. 13 ^E_{XW}

2310 Feet from S ~~X~~ (circle one) Line of Section

2640 Feet from E ~~X~~ (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Schulz/Sipes Well # G1

Field Name Gates North

Producing Formation Arbuckle

Elevation: Ground 1880' KB 1885'

Total Depth 3718' PBDT _____

Amount of Surface Pipe Set and Cemented at 372 Feet

Multiple Stage Cementing Collar Used? _____ Yes X 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 11-25-92 DFD
(Data must be collected from the Reserve Pit)

Operator: License # 9069

Name: General Oil Company, Inc.

Address 1540 N. Broadway
Suite 202

City/State/Zip Wichita, KS 67214

Purchaser: NCRA

Operator Contact Person: John C. Bannister

Phone (316)263-8588

Contractor: Name: Woodman-Iannitti Drilling

License: 5122

Wellsite Geologist: James Musgrove

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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-25-92 7-30-92 9-8-92
Spud Date Date Reached TD Completion Date

OCT 22 1996

CONFIDENTIAL

RELEASED

NOV 10 1993

FROM CONFIDENTIAL

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.

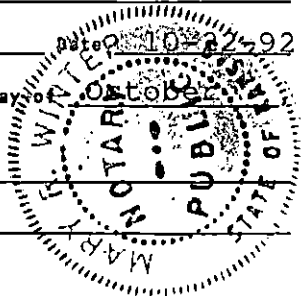
Signature _____

Title President

Subscribed and sworn to before me this 22nd day of October 19 92.

Notary Public May R. White

Date Commission Expires 6-2-95



RECEIVED
STATE CORPORATION COMMISSION

OCT 20 1992

CONFIDENTIALITY DEPARTMENT 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 General Oil Company, Inc. Lease Name Schulz/Sipes Well # 1G

Sec. 22 Twp. 21S Rge. 13 East County Stafford West

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 Datums	<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	Anhydrite	733	+1152
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2826	- 941
		Heebner	3190	-1305
		Toronto	3208	-1323
		Douglas	3224	-1339
		Brown Lime	3321	-1436
		Lansing	3333	-1448
		Base Kansas City	3554	-1669
		Conglomerate	3571	-1686
		Viola	3592	-1707
		Simpson Shale	3613	-1728
		Arbuckle	3646	-1761
		Total Depth Rotary	3718	-1833
		Log Total Depth	3720	-1835

List All E.Logs Run: Compensated Density, Bond, Radiation Guard, Dual Induction

DST #1: 3646-3663; 30-30-30-30, Rec. 700' Gas, 380' SMCGO; 60' HOCW; 60' Water ISIP-572; FSIP-563; IFP 92-118; FFP 210-227

CASING RECORD <input type="checkbox"/> New <input 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#	372'	Common/Pozmix	200	60/40, 3%CC, 2%gel
Production	7 7/8"	5 1/2"	15#	3717'	Common	125	6# Cemad, 5%Gilsontite

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	3607 3676	Common	75	75 sks common, 8# Cemad
<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	
2	3668-3676			
2	3650-3652			
4	3668-3674			
2	3648-3654			

TUBING RECORD	Size 2 7/8"	Set At 3663'	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. 9-8-92	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 1.67 Bbls.	Gas 0 Mcf	Water 45 Bbls.	Gas-Oil Ratio	Gravity 35
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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: 3650-3652
3668-3676

General Oil Company, Inc.

#9069

Attachment to ACO-1 for Schulz/Sipes #G1

API# 15-185-22,860

ORIGINAL

OCT 22 1996
CONFIDENTIAL

Water was hauled offsite to the following locations:

Mermis SWD

Operator: Wes-Tech

License #: 5591

Legal Description: SW/4 Section 24-T20S-R15W
Barton Co., KS

Docket #: CD 118214C21526

RELEASED

NOV 18 1993

FROM CONFIDENTIAL

Owen #4

Operator: Petro Locaters

License #: 09740

Legal Description: NW/4 Section 27-T22S-R15W
Pawnee Co., KS

Docket #: D-26,450

McCallister

Operator: B-Y Operating

License #: 30705

Legal Description: NE/4 Section 32-T22S-R14W
Stafford Co., KS

Docket #: D-25,915

RECEIVED
STATE CORPORATION COMMISSION

OCT 26 1992

CONSERVATION DIVISION
OF THE STATE CORPORATION COMMISSION

ORIGINAL

OCT 22 1996

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY **CONFIDENTIAL**

P. O. BOX 31
RUSSELL, KANSAS 67665

TO: General Oil Company
1540 N. Broadway, Suite #202
Wichita, KS 67214

INVOICE NO. 62317

PURCHASE ORDER NO. _____

RELEASED

NOV 18 1993 LEASE NAME Schultz Sipes "G" #

FROM CONFIDENTIAL Aug. 6, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 75 sks @\$5.50	\$412.50	
Cemad 8# @\$5.00	<u>40.00</u>	\$ 452.50
Handling 75 sks @\$1.00	75.00	
Mileage (12) @\$.04¢ per sk per mi	45.00	
Squeeze	880.00	
Mi @\$2.00 pmp trk chg	<u>24.00</u>	<u>1,024.00</u>
	Total	\$1,476.50

Thank you!

~~if account~~ **CURRENT** 20% discount will
~~be applied~~ **ONLY** if paid within 30 days
~~from date~~ of invoice.

received
8-12-92

ENTERED

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

OCT 26 1996

CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-8861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ORIGINAL
ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31 Russell, Kansas 67665

No. 2334

OCT 2 1992

CONFIDENTIAL

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
8-6-92	22	21	13	8:30 Am	9:15 Am	9:35 Am	1:00 Pm
Lease Schottz Super Well No. 1				Location Reclaiming Plant Site		County Stafford	State Mo

Contractor <i>Kigger Well Service</i>	Owner
Type Job <i>Squeeze</i>	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Hole Size	RELEASED
Csg.	Depth <i>NOV 1 8 1993</i>
Tbg. Size	Depth
Drill Pipe	FROM CONFIDENTIAL
Tool	Depth <i>3607'</i>
Cement Left in Csg.	Shoe Joint
Press Max. <i>2500#</i>	Minimum
Meas Line	Displace
Perf. <i>2650'-52'-63'-76'</i>	

Charge To <i>General Oil Company</i>	
Street <i>1540 N. Broadway Suite 202</i>	
City <i>Wichita</i> State <i>Ks. 67214</i>	
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X <i>[Signature]</i>	
CEMENT	

EQUIPMENT

No.	Cement	Helper	Driver
Pumptrk # <i>195</i>	<i>JA</i>		
Pumptrk No.	<i>N.D.</i>	<i>Don</i>	
Bulktrk # <i>222</i>			
Bulktrk			

Amount Ordered	<i>75 ex common 8# cement</i>	
Consisting of		
Common	<i>75</i>	<i>5.50 412.50</i>
Poz. Mix		
Gel.		
Chloride		
Quickset	<i>Cemad 8#</i>	<i>5.00 40.00</i>
Handling	<i>75</i>	<i>1.00 75.00</i>
Mileage	<i>12</i>	<i>mi 45.00</i>
Sub-Total		
Total		<i>572.50</i>

DEPTH of Job *3676'*

Reference:	<i>Pump truck charge</i>	<i>880.00</i>
<i>12</i>	<i>Mileage</i>	<i>24.00</i>
Sub-Total		
Total		<i>904.00</i>

Floating Equipment

TOTAL \$ 1476.50

NEW

DISP- [Signature]

RECEIVED
 STATE CONSERVATION COMMISSION
 # 125 [Signature] 1991

Remarks: *Mixed 50 ex common, 30 ex with cement, followed by 20 ex more.*

By Allied Cementing Co. Inc.
Jayson Drilling JAYSON DRILLING

Thank you.

CONSERVATION DIVISION
 WICHITA, KANSAS

ORIGINAL

RELEASED

NOV 1 8 1993

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

OCT 22 1996
FROM CONFIDENTIAL
CONFIDENTIAL

TO: General Oil Co., Inc.
1540 N. Broadway #202
Wichita, KS 67214

INVOICE NO. 62235
PURCHASE ORDER NO. _____
LEASE NAME Schultz/Sipes "G" #1
DATE July 25, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 120 sks @\$5.50	\$660.00	
Pozmix 80 sks @\$2.50	200.00	
Gel 4 sks @\$6.75	27.00	
Chloride 6 sks @\$21.00	<u>126.00</u>	\$1,013.00
Handling 200 sks @\$1.00	200.00	
Mileage (10) @\$.04¢ per sk per mi	80.00	
Surface	380.00	
Mi @\$2.00 pmp trk chg	20.00	
72' @\$.39¢ over 300'	28.08	
1 plug	<u>42.00</u>	<u>750.08</u>
	Total	\$1,763.08

Cement circulated

~~Received~~
7-29-92

ENTERED

Thank you!

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION

OCT 26 1992

CONSERVATION DIVISION
Wichita, Kansas

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

ORIGINAL

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

OCT 22 1996

ALLIED CEMENTING CO., INC.

3011

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-25-92	22	21	13	1:30 P.M.	3:00 P.M.	5:30 P.M.	12:00 P.M.
Lease <u>Schultz/Siper</u>	Well No. <u>G-1</u>	Location <u>Reclaiming Plant, SE,</u>			County <u>Stafford</u>	State <u>Ka.</u>	
Contractor <u>Woodman-Jammit</u>				Owner <u>Same</u>			
Type Job <u>Surface</u>				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 <u>12 1/4"</u>	T.D. <u>372'</u>						
Csg. <u>8 5/8" (used 24' csg)</u>	Depth <u>372'</u>						
Tbg. Size	Depth						
Drill Pipe	Depth						
Tool	Depth						
Cement Left in Csg. <u>15'</u>	Shoe Joint						
Press Max.	Minimum						
Meas Line <u>360'</u>	Displace <u>23 bbl</u>						
Perf.							

EQUIPMENT

#	No.	Cementer	
Pumptrk	181	Helper	<u>Tim Casey</u>
Pumptrk		Cementer	
		Helper	
#		Driver	<u>Yancy</u>
Bulktrk	222		
Bulktrk		Driver	

DEPTH of Job

Reference:		
	<u>Pumptrk Charge</u>	<u>380.00</u>
	<u>Pumptrk Mileage</u>	<u>20.00</u>
	<u>1-8 5/8" W-Alu</u>	<u>42.00</u>
	<u>72 x .39</u>	<u>28.00</u>
	Total	470.00

Remarks:

Cement did circulate.

Charge To General Oil Co. Inc.
 Street 1540 N. Broadway #202
 City Wichita KS State 67214
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X Wheeler

CEMENT

Amount Ordered 200 SKS 60/40 3% CC, 2% B2
 Consisting of

Common	<u>120 sk</u>	<u>5.50</u>	<u>660.00</u>
Poz. Mix	<u>80 sk</u>	<u>2.50</u>	<u>200.00</u>
Gel.	<u>4 sk</u>	<u>6.75</u>	<u>27.00</u>
Chloride	<u>6 sk</u>	<u>21.00</u>	<u>126.00</u>
Quickset			

Handling	<u>200</u>	<u>1.00</u>	<u>200.00</u>
Mileage	<u>10</u>	RELEASED	<u>80.00</u>

NOV 18 1993

Sub Total 1293.00
 Total 1293.00

Floating Equipment **FROM CONFIDENTIAL**
 TOTAL \$ 1757.03
 LESS DISC 351.42

STATE CORPORATION COMMISSION
 RECEIVED
 OCT 20 1993

CONSERVATION DIVISION
 Wichita, Kansas

(Rig Drilling upon Arrival)
Allied Cementing
By Tim Anderson
Thanks

ORIGINAL

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

OCT 22 1996
CONFIDENTIAL

TO: General Oil Co., Inc.
1540 N. Broadway #202
Wichita, KS 67214

RELEASED

NOV 18 1993

INVOICE NO. 62274
PURCHASE ORDER NO. _____
LEASE NAME Schultz-Sipes #G1
DATE July 31, 1992

FROM CONFIDENTIAL

SERVICE AND MATERIALS AS FOLLOWS:

Common 125 sks @\$7.25 (ASC)	\$906.25
Gilsonite 625# @\$.33¢	206.25
Cemad 6# @\$5.00	30.00
WFR 11 840 Gal @\$.50¢	420.00

\$1,562.50

Handling 125 sks @\$1.00	125.00
Mileage (12) @\$.04¢ per sk per mi	60.00
Production	880.00
Mi @\$2.00 pmp trk chg	24.00
1 plug	45.00

1,134.00

1 5 1/2" Guide Shoe-----	\$125.00
1 5 1/2" Insert-----	189.00
4 5 1/2" Centralizers-----	184.00
2 5 1/2" Baskets-----	254.00

752.00

Total

if account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

\$3,448.50

ENTERED received
8-5-92

Float held
Plugged RH w/10 sks

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.

RECEIVED
STATE CORPORATION COMMISSION
OCT 20 1992
CONSERVATION DIVISION
WICHITA, KANSAS

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

ORIGINAL OCT 22 1996

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

ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31 Russell, Kansas 67665

3015

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-31-92	22	21	13	9:15 PM	11:00 PM	4:30 AM	5:15 AM
Lease Schultz-Sipes		Well No G-#1		Location Reclaiming Plant - & E into		County Stafford	State Ka

NEW 7-30-92 7-31-92

Contractor WOODWARD-TANWITTI

Type Job Production

Hole Size <u>7 7/8"</u>	T.D. <u>3718'</u>
Csg. <u>5 1/2"</u>	Depth <u>3717'</u>
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg. <u>25'</u>	Shoe Joint <u>25'</u>
Press Max. <u>800#</u>	Minimum
Meas Line	Displace <u>91 bbl</u>
Perf.	

Owner Seale

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 General Oil Co. Inc.

Street 1540 N. Broadway #202

City Wichita State Ks 67214

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X Rich Wheeler

EQUIPMENT

# No.	Cementor	<u>Tim</u>
Pumptrk <u>181</u>	Helper	<u>Clary</u>
# No.	Cementor	RELEASED
Pumptrk	Helper	
#	Driver	<u>Jack S.</u>
Bulktrk <u>179</u>	Driver	
Bulktrk	Driver	

NOV 18 1993

CEMENT

Amount Ordered	<u>25 SKS ASC 5 1/2" Gilsonite, 1 1/2" cement, 20 bbl WFR II</u>		
Consisting of			
Common	<u>125 ASC</u>	<u>7.25</u>	<u>906.25</u>
Poz. Mix			
Gel.			
Chloride	<u>GILSONITE 625#</u>	<u>.33</u>	<u>206.25</u>
Quickset	<u>CEMAD 6#</u>	<u>5.00</u>	<u>30.00</u>
	<u>WFR II 840 GAL</u>	<u>.50</u>	<u>420.00</u>
		Sales Tax	
Handling	<u>125.</u>	<u>1.00</u>	<u>125.00</u>
Mileage	<u>12</u>		<u>60.00</u>
	<u>Total 3448.50</u>	Sub Total	
	<u>Duc -</u>		
		Total	<u>1747.50</u>

DEPTH of Job

Reference:	<u>Pumptrk Charge</u>	<u>880.00</u>
<u>12</u>	<u>Pumptrk Mileage</u>	<u>24.00</u>
<u>1</u>	<u>5 1/2" Rubber Plug</u>	<u>45.00</u>
	Sub Total	
	Tax	
	Total	<u>949.00</u>

Floating Equipment

<u>1- 5 1/2" Wide shoe</u>	<u>125.00</u>
<u>1- 5 1/2" insert</u>	<u>189.00</u>
<u>4- 5 1/2" centralizers</u>	<u>180.00</u>
<u>2- 5 1/2" Baskets</u>	<u>231.00</u>
	<u># 752.00</u>

Remarks: Run 3717' of 5 1/2" csg. Pumped 20 bbl WFR II followed by 115 SKS ASC 5 1/2" Gilsonite w/ 1 1/2" cement. Washed line clean of cement. Pumped Plug with Fresh water. Float did Hold. Plugged Rathole w/ 10 SKS. T Ranch

Allied Cementing
By Tim Dieker

RECEIVED CORPORATION COMMISSION
 OCT 26 1991
 CONSERVATION DIVISION
 Wichita, Kansas

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees:

PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

JAMES C. MUSGROVE

Petroleum Geologist

2021 FOREST

P. O. BOX 1182

GREAT BEND, KANSAS 67530

ORIGINAL

OFFICE PHONE (316) 792-7716

RES. CLAFLIN 587-3444

OCT 22 1996

CONFIDENTIAL

General Oil Company
Schultz-Sipes 'G' No.1
C-N/2-N/2-S/2; Section 22-21s-13w
Stafford County, Kansas
Page 1

RELEASED

NOV 18 1993

5 1/2" PRODUCTION CASING SET

FROM CONFIDENTIAL

CONTRACTOR: Woodman-Iannitti Drilling Company.
COMMENCED: 7-25-92
COMPLETED: 7-30-92
ELEVATIONS: 1885' K.B.; 1882' D.F.; 1880' G.L.
CASING PROGRAM: Surface - 8 5/8" @ 372'
SAMPLES: Samples saved and examined from 2750' to the Rotary Total Depth.
DRILLING TIME: One (1) ft. drilling time recorded and kept 2750' to the Rotary Total Depth.
MEASUREMENTS: All depths measured from the Kelly Bushing.
ELECTRIC LOG: By Wiretech; DIL, CDL-N.
FORMATION TESTING: There was one (1) drill stem test run by Swift Formation Testers.

<u>FORMATION</u>	<u>LOG DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite	733	+1152
Topeka	2826	- 941
Heebner	3190	-1305
Toronto	3208	-1323
Douglas	3224	-1339
Brown Lime	3321	-1436
Lansing	3333	-1448
Base Kansas City	3554	-1669
Conglomerate	3571	-1686
Viola	3592	-1707
Simpson Shale	3613	-1728
Arbuckle	3646	-1761
Rotary Total Depth	3718	-1833
Log Total Depth	3720	-1835

(All tops and zones corrected to Electric Log measurements.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2824-3187' There were several zones of well developed porosity thru the Topeka Section. But no show of oil and/or gas was noted.

TORONTO SECTION

3208-3218' Limestone; gray to brown, finely crystalline, dolomitic, scattered intercrystalline to pin point porosity, no shows.

LANSING SECTION

3333-3340' Limestone; gray to white, fossiliferous, chalky, cherty, scattered pin point porosity, trace golden brown stain, trace of free oil and no odor in fresh samples.

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- 3351-3358' Limestone; brown to gray, fossiliferous, chalky, poor visible porosity, trace golden brown stain, no show of free oil or odor in fresh samples.
- 3367-3371' Limestone; tan, oolitic, fossiliferous, chalky, trace brown stain, trace of free oil and no odor in fresh samples.
- 3373-3377' Limestone; gray to tan, fossiliferous, few nodular, pyrite inclusions, trace stain (dead appearing), no show of free oil or odor in fresh samples.
- 3391-3394' Limestone; gray, oolitic, chalky, increasingly cherty, fair porosity, spotty brown to dark brown stain, trace of free oil and no odor in fresh samples (abundant gray cherty, dense limestone).
- 3402-3407' Limestone; buff, fossiliferous, chalky, few fair porosity, scattered stain, trace of free oil and no odor in fresh samples.
- 3415-3430' Limestone; tan to brown, sub oocastic, chalky, plus abundant white chalk, no shows.
- 3454-3461' Limestone; gray to white, oocastic, poorly developed oocastic porosity, trace stain, no show of free oil or odor in fresh samples.
- 3471-3476' Limestone; tan to gray, highly oolitic, poor visible porosity, no shows.
- 3487-3500' Limestone; white to gray, oolitic, fossiliferous, chalky, poor visible porosity, trace stain, no show of free oil or odor in fresh samples.
- 3535-3546' Limestone; white to gray, slightly fossiliferous, chalky, no shows.

CONGLOMERATE SECTION

- 3571-3581' Sand; very fined to medium grained, poor visible porosity, calcereous, brown to black spotty stain, no show of free oil or odor in fresh samples.

VIOLA SECTION

- 3592-3600' Chert; white to tan, boney, plus limestone, white, cherty, dense, no shows.
- 3600-3613' Chert; as above, plus trace brown to gray chert, scattered porosity, slightly dolomitic, fair stain and saturation, trace of free oil and no odor in free sample.

ARBUCKLE SECTION

- 3646-3652' Dolomite; tan, medium crystalline, sucrosic, fair pin point to vuggy porosity, good brown stain and saturation, good show of free oil and strong odor in fresh samples.
- 3652-3660' Dolomite; tan to beige, finely crystalline, sucrosic, pin point to intercrystalline porosity, golden brown stain, show of free oil and fair odor in fresh samples.

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OCT 22 1996

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General Oil Company
Schultz-Sipes 'G' No.1
C-N/2-N/2-S/2; Section 22-21s-13w
Stafford County, Kansas
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DRILL STEM TEST #1 3646-3663'

30-30-30-30

Blow: Good.

Recovery: 700' gas in pipe.
380' slightly mud cut gassy oil.
60' heavy oil cut water.
60' water

Pressure: ISIP 572 PSI
FSIP 563 PSI
IFP 92-118 PSI
FFP 210-227 PSI
HSH 1822-1805 PSI

3668-3676' Dolomite; gray to cream, medium crystalline, fair intercrystalline to vuggy porosity, fair golden brown to brown stain, show of free oil and fair odor in fresh samples.

3680-3685' Dolomite; as above, fair stain, fair show of free oil and fair odor in fresh samples.

3690-3694' Dolomite, white to cream, medium crystalline, few sandy, scattered vuggy to intercrystalline porosity, scattered stain, show of free oil and fair odor in fresh samples.

3698-3704' Dolomite; as above, trace white chert, faint to fair odor.

3704-3720' Dolomite, white to cream, medium to coarse crystalline, fair to good intercrystalline porosity, spotty stain, show of free oil and faint odor in fresh samples.

ROTARY TOTAL DEPTH 3718' (-1833)

LOG TOTAL DEPTH 3720' (-1835)

RECOMMENDATIONS:

On the basis of the favorable structural position and the positive results of Drill Stem Test, it was recommended by all parties involved to set and cement 5 1/2" production casing at 3719' (one foot off bottom - log measurements) and the following zones be tested in the Schultz-Sipes 'G' #1.

- | | | |
|-------------|-------------|--------------------|
| 1) Arbuckle | 'open hole' | Completion methods |
| 2) Arbuckle | 3681-3682 | Perforate |
| 3) Arbuckle | 3669-3671 | Perforate |
| 4) Arbuckle | 3650-3653 | Perforate |
| 5) Viola | 3600-3610 | Perforate |

Respectfully submitted,


James C. Musgrove
Petroleum Geologist