

**RUPE OIL COMPANY**

TITUS PROSPECT  
Edwards County, Kansas

TITUS #1 - SW SE SW of Section 11-26S-19W, Edwards County, Kansas

Drilling Contractor: Red Tiger Drilling Company  
Wichita, Kansas

Geologist: William G. Clement  
Wichita, Kansas

- 12/30/74 - Intent to Drill filed with State Corporation Commission.  
Laughlin-Simmons & Company staking location and run elevation.
- 1/10/75 - Red Tiger Drilling Company moving in Rotary Tools today; however having a "blizzard" in Kansas.
- 1/13/75 - Red Tiger Drilling Company finished moving in Rotary Tools today, after the storm.
- 1/14/75 - Spudded at 7:30 p.m. on 1/13/75. Drilled 270' of 12 $\frac{1}{4}$ " hole; ran 7 Jts. 8 5/8" 27# set at 268' with 11' landing joint cemented with 175 sacks Common Cement; 2% Gel and 3% Calcium Chloride. Plug was down at 4:00 a.m. today. Cement did not circulate. Waiting on Cement.
- 1/15/75 - Drilling at 1390' at 7:00 a.m. Top of ANHYDRITE 1310'
- Base of ANHYDRITE 1329'
- 1/16/75 - Drilling at 2320' at 7:00 a.m. Gas Detector hooked up at 2300' and Geologist is out on Well.  
Laughlin-Simmons ran elevation - 2226' Derrick Floor  
2229' Kelly Bushing
- 1/17/75 - Drilling at 2750' at 7:00 a.m.
- 1/20/75 - On 1/18/75 drilling at 3245' at 7:00 a.m.  
1/19/75 drilling at 3595' at 7:00 a.m.  
Today, drilling at 3790 at 7:00 a.m. Top of TARKIO 3427' or -1198'
- Top of TOPEKA 3622' or -1393'
- At the Tarkio level the Well was 2' low to the Taylor #1, offsetting to the South, and at the Topeka, level the Well was flat to the Taylor #1.
- 1/21/75 - Drilling at 4025' at 7:00 a.m. Top of HEEBNER 4014' or -1785'
- At the Heebner level the Well was running flat to the Taylor #1.
- 1/22/75 - Drilling at 4225' at 7:00 a.m. Top of LANSING BROWN LIME
- 4146' or -1917'
- At the Lansing level the Well was running 1' high to the Taylor #1, offsetting to the South. LANSING 4156' or -1927'
- 1/23/75 - Drilling depth this morning 4446'. Rig down for repairs for a couple hours. Expect the Mississippi at 4709'.
- 1/24/75 - Drilling at 4590' at 7:00 a.m. Base of STARK SHALE 4463' or -2234' - running 1' low to Taylor #1. Base of KANSAS CITY 4525' or -2296' - running 2'
- low to Taylor #1.  
Expect the MISSISSIPPI at 4710' late tonight.
- 1/25/75 - Took Drill Stem Test #1 from 4684' to 4724'. Tool open 60 min.; shut in 60 min.; open 30 min.; shut in 60 minutes. Had gas to surface in 90 minutes. Recovered 65' Gas Cut Mud. Initial Flow Pressure 30#, Final Flow Pressure 50#, Initial Shut-in Pressure 1160#, Final Shut In Pressure 945#.
- 1/26/75 - Took Drill Stem Test #2 from 4713' to 4737'. Tool open 30 min.; shut in 60 min.; open 30 min.; shut in 60 minutes. Recovered 150' Gassy Mud. Gauged in 2 hrs. 10 minutes: 35 MCF increased to 75 MCF
- Went back in and drilled 6' more:
- |                                |
|--------------------------------|
| 1st foot drilled in 6 minutes, |
| 2nd " 4 "                      |
| 3rd " 3 "                      |
| 4th " 2 $\frac{1}{2}$ "        |
| 5th " 2 "                      |
| 6th " 1 $\frac{1}{2}$ "        |
- Took Drill Stem Test #3 from 4737' to 4743'. Tool open 30 minutes; shut in 60 minutes; open 60 minutes; shut in 60 minutes. Gas to surface in 30 minutes gauged 78 MCF immediately decreased rapidly to 12 MCF. Initial Flow Pressure 20#, Final Flow Pressure 30#, Initial Shut In Pressure 1493#, Final Shut In Pressure 1372#.
- 1/27/75 - Drilling ahead at 4743'.
- 1/28/75 - Took Drill Stem Test #4 from 4737' - 4753'. Tool open 30 min.; shut in 60 min.; open 30 min. and shut in 60 min. Gas to surface in 30 minutes. Gauged 78 MCF decreased to 14 MCF in 5 minutes. Recovered 65' Gas Cut Mud, 120' Gas Cut Muddy Water. Initial Flow Pressures 20# - 70#, Final Flow Pressure 50# - 80#, Initial Shut In Pressure 1422#. Final Shut In Pressure 1352#. Started logging at 2:00 a.m.--finished up at 5:00 a.m. today.

TITUS #1 (continued)

1/28/75 - Drilled additional footage after Log run.  
Total depth 4785'. Ran 135 Jts. (4786.98') Used 10.5# 5½" Casing. Set at 4784',  
cemented with 100 sacks 50-50 Pozmix Salt Saturated Cement.  
Plug was down at 3:15 a.m. on 1/29/75.

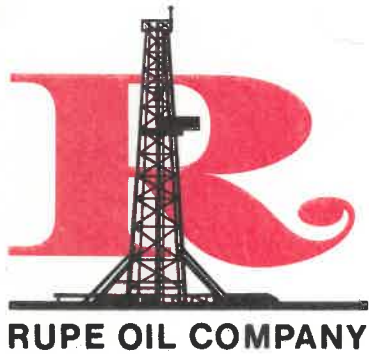
ELECTRIC LOG TOPS:

HEEBNER	4014'	-1785'
BROWN LIME	4147'	-1918'
LANSING	4157'	-1928'
STARK SHALE	4457'	-2228'
BASE of KANSAS CITY	4523'	-2294'
MARMATON	4549'	-2320'
CHEROKEE	4636'	-2407'
MISSISSIPPI	4718'	-2489'
RTD	4753'	LTD 4754'

1/31/75 - A "Drilling-in Unit" scheduled to move in on the TITUS #1 Monday morning,  
February 3rd.

2/14/75 - We have scheduled to move in a Double Drum Service Unit tomorrow on the  
Titus #1.

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## RUPE OIL COMPANY

TITUS #1 - SW SE SW of Section 11-26S-19W, Edwards County, Kansas - Completion

- February 15, 1975 - NESCO Well Service Unit - Rigged up. Ran 4 3/4" bit, sub, 78 Joints 2 1/16" 3 1/4" # Tubing, closed in and shut down.
- February 17, 1975 - Ran total of 147 Joints of 2 1/16" Tubing and 1 Joint of 2 3/8" Tubing. Washed out to 4749' - scale and cement. Drilled cement and wiper plug at 4752' with 4 3/4" bit and Acme Pump and swivel. Pulled Tubing and put on 4 1/2" Orbit Valve. Rigged up. Petrolog ran Gamma Ray Log from 4749' - 4400'. Ran Bond Log from 4747' to 4300'. Top of Cement at 4380'. Good bond 4747' to 4436'.
- February 18, 1975 - Swabbed Casing to Total Depth (4750'). Dumped 2 bbls. 10% Acetic Acid in Casing. Rigged up. Petrolog perforated from 4726' to 36' with 2 DP charges per foot. 60 minute Shut In Pressure 25 psi--blew and flared gas to pit for 30 minutes. 60 minute Shut In Pressure 90 psi; 90 minute Shut In Pressure 150 psi. Casing head leaking--apparent casing leak. Shut In and shut down overnight.
- February 19, 1975 - 15 hours Shut in Casing Pressure 980 psi; Casinghead leaking around slips. Blew down to 10 psi in 10 minutes. Blowing fine mist of Acetic Acid-water after 10 minutes. After 45 minutes gauged 130 mcfpd. Ran 2 1/16" Seating Nipple, 2 joints 2 1/16" Tubing, Baker Model AD 4 1/2"x2 3/8" Tension Packer, 145 Joints 2 1/16" 3 1/4" # Tubing, 12' of 2 3/8" EUE Subs (4535.72' total). Set Seating Nipple at 4740' and Packer at 4674' with 12,000# Tension. 30 minutes Shut In Tension Pressure 400 psi; 60 minutes Shut In Tension Pressure 750 psi. Opened Tubing to pit and blew down to FTP of 20 psi in 20 minutes. Unloaded heavy spray of Acetic Acid water. Left blowing fine spray overnight--estimated 130 mcfpd. Will acidize February 20, 1975. Shut down overnight.
- February 20, 1975 - 7:00 a.m. flowing 190 MCFPD and small stream of Salt Water. Estimate 9 BPD, 4% oil. Released Packer, pulled 1 jt. 2 1/16" Tubing, ran 1 jt. 2 3/8" Tubing and subs. Tubing at 4738', Packer at 4673'. Ran swab--tubing dry. Spotted 1/2 Bbl. 15% SME HCl Acid. Pulled 12' Tubing Subs. Tubing at 4726', Packer at 4661'. Pumped 500 gals. 15% SME HCl and displaced with 15 Bbls. treated water. Max. pressure 1500 psi, average treating pressure 750 psi at 1/2 bbl. per minute. Initial Shut In Pressure 350 psi--on vacuum in 10 minutes. Swabbed estimated 14 bbls. spent acid when gas flow appeared. Swabbed and flowed total of 22 bbls. spent acid and treated water til dark. Shut in 30 minutes. Tubing Pressure 200 psi. opened to pit--did not unload--left blowing to pit.
- February 21, 1975 - Slugging to pit--estimate 12 bbls. per day; 2% oil. Water has specific gravity=1.085 (115,000 particles per minute.) 1 Hr. Shut in Tubing Pressure 630 psi. Blew 30 minutes, unloaded 3 bbls. liquid; gas decreased to 90 mcfpd. estimate 29 bbls. back (3 bbls. over load). Repeat 60 minutes shut in and 30 minutes blow--same recovery. 2 hrs. shut in Tubing pressure 875 psi. Adjusted choke for 1 mmcf/d for 10 min. Unloaded 3 bbls. and stabilized at 125 mcfpd and estimate 5 bbls. water per day thru 1/2" choke. (Specific Gravity= 1.085). Repeat 2 hrs. shut in and 30 min. blow--same recovery. Swabbed 2 hrs--recovered 3 bbls. liquids, (Specific Gravity=1.085), contained heavy suspension of colloidal mud. Blowing to pit at 140 mcfpd with light mist. Days recover est. 8 bbls. Total out 36 bbls. (10 bbls. over load). Shut down over night. (Will analyze last water sample).  
Going to swab back Clean Up Acid and test over the week end.
- February 24, 1975 - This morning had 1290# pressure on Tubing; 200# on Casing, which indicate had small collar leak on the Tubing--pulling tubing to locate leak. After finding leak--will treat with 1000 gals. Mud Clean-up Acid and Nitrogen.



## RUPE OIL COMPANY

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### TITUS #1 - SW SE SW of Section 11-26S-19W, Edwards County, Kansas - Completion

February 22, 1975 - Water analysis--Mississippi water with spent acid water and mud solids.

7:00 a.m. - flowing 220 mcfpd with heavy fog estimate 10 BW/D. Swabbed and blew for 7 hrs. Recovered 3 Bbls. water. Specific gravity 1.075 with heavy suspension of mud solids. Shut in and shut down til 2/24/75.

February 23, 1975 - 18 hr. Shut in Tubing pressure 1260 psi. Shut in Casing pressure 190 psi. Blew Tubing down to FTP=25 psi in 10 minutes--dry blow. Casing pressure dropped to 188 and down to 160 psi in 2 hrs. Apparent thread leak in Tubing. Blowing heavy fog after 2 hours flowing 220 mcfpd and estimate 24 BWPD. Specific gravity 1.080 with heavy suspension of mud. Will trip Tubing, attempt to find leak and tape threads going back in on 2/24/75. John J. Cecil, Jr., Engineer

March 4, 1975 - Got most of the load back. Making 200 MCF/day--estimate 12 to 15 bbls. of water/day. Flowing it back today, and tomorrow will have shut in pressures and flow pressures and volume.

March 6, 1975 - Absolute "open flow" 240 MCF and maximum 20 bbls. water with 2% oil/day. Let flow overnight. 5 Hr. shut-in had 1150# Tubing pressure. Installed back pressure valve of 400# which is comparable to Line Pressure in that country--150 MCF today against 400# pressure.

March 13, 1975 - Enclosed is copy of "Open Flow" Test of the TITUS #1 of 195 MCF/day with 10 bbls. Water. BTU 1019 as per test taken March 10th. According to the Back Pressure the Well ought to make 150 MCF/day against their Line Pressure.

Will start negotiating with Kansas-Nebraska Natural Gas Company on a price

TITUS #1 <sup>SW</sup> SE SW of Section 11-26S-19W, Edwards County, Kansas

*(13 mi N. 2 3/4 W. Greenburg, Kansas)  
on 7 S. E 3/4 E Kinsey, Mo.*

Drilling Contractor: Red Tiger Drilling Company (Big 6-Rex Mayo 4700' Simpson  
Hays Mobile#913-625-7878) Mississippi  
1720 Wichita Plaza  
Wichita, Kansas 67202 263-2371  
*Bill Clement*

Geologist: William G. Clement (res. 264-3740)  
Wichita, Kansas

*Jayhawk Motel  
Greenburg, Mo. Room 24  
364-723-1107*

Investors:  
Bob Gensch  
Wm. Moser

9/9/74 - Filed "Intent to Drill" w/ State Corporation Commission today.

1975

1/7/75 GNR advised "farmer" has staked #1 TITUS - SW SE SW of 11-26S-19W,  
Re-ordered elevation today-Laughlin-Simmons to advise when in area to take same.  
Re-filed "Intent to Drill" with correct location today.

1/10/75 Red Tiger moving in Rotary Tools today; however blizzard on/highway dept.  
will not let them move.

1/13/75 Red Tiger advised moving in today.

1/14/75 Red Tiger called/advising: Spudded at 7:30 p.m. 1/13/75. Drilled 270' 12 1/2" hole;  
ran 7 Jts. Used 27# 8 5/85"=260.16'. Set 268'(Surface Casing) with 11'  
Landing Joint w/ 175 sacks Common Cement; 2% Gel; 3% CC.  
Plug was down at 4:00 a.m. today. Cement did not circulate. Waiting on Cement.

1/15/75 Red Tiger advised drlg at 1390' at 7:00 a.m. Top of ANHYDRITE 1310'  
(L-S headed toward Titus #1 today to run Elev.) Base of ANHYDRITE 1329'

1/16/75 Red Tiger called drlg. at 2320' (L-S taking elevation today as per Lucille)  
"Gas Detector" hooked-up at 2300' and Geologist on location.  
8:40 a.m.

1/17/75 Red Tiger called drlg. at 2750' @ 7:00 a.m.  
Laughlin-Simmons took elevation yesterday being

Gensch has been by the Well as per Clement/noon call

1/20/75 Red Tiger advised on 1/18th - drlg. at 3245'

1/19th - drlg. at 3595' and today at 3790'

11:40 a.m. Bill Clement called in/talked to Gil

11:00 a.m. drlg. at 3830' - no tests - no shows TOPEKA 3622' - 1393'

Tarkio level Well was 2' low to Taylor #1 - offsetting to the South

9:00 a.m. Topeka level Well was "flat" " "

1/21/75 Red Tiger advised drlg at 4025' at 7:00 a.m.

10:50 a.m. - Bill Clement called in/drlg. at 4045' now

HEEBNER 4014' -1785'

running flat with Taylor Well

("correct elevation Kelly Bushing to read 2229' instead of 2228') as per Bill

1/22/75 Red Tiger advised drlg. at 4225' at 7:00 a.m.

LANSING BROWN 4186' -191'

At the Lansing level the Well is running 1' high

LANSING 4156' -192'

8:50 a.m. to the offset Taylor Well to the South.

1/23/75 Bill Clement called in / drlg. depth 4446' - expect Mississippi @ 4709'.

(Shut down for repairs now.) Well running flat with Taylor #1

11:00 a.m. as per Red Tiger replaced Pump Rod between 6:00 - 8:00 a.m. this morning--back drilling at 8:00 a.m.

1/24/75 9:00 a.m. Red Tiger called drlg. at 4590' at 7:00 a.m.

9:30 a.m. Bill Clement called drlg at 4595' at 8:00 a.m. Base STARK SHALE 4463' -22'  
running 1' low to Taylor #1

(est. Mississippi at 10:00 p.m. @ 4710 at the earliest) Base KANSAS CITY 4525' -22'  
Used same bit for 8 days straight now. running 2' low to Taylor #1

*3/4 to  
4 ENCL  
4/4  
1/13/75  
Bill  
mild  
Row  
1/20/75  
Harold A. Young  
James M. Tol  
114 199  
Wichita, Mo  
1/17/75  
Bill  
2229'  
2228'  
192'*

gas interval 1724-4737  
24  
13

TITUS #1

4737  
4724

1/27/75 1/25/75 - DST #1 - 4684 - 4724' 60-60-30-60

Recovered 65' Gassy Mud IF 30# FF 50# ISIP 1160# FSIP 945#

1/26/75 - DST #2 - 4713' 4737' 30-60-130-60

Recovered 150' Gassy Mud.

Gauged in 2 hrs. 32 MCF to 74MCF IF 40# FF 100# ISIP 1543# FSIP1533#

Waited on "logger" and then decided not to log.

Went ahead drilling.

DST #3 4737 - 4743' 30-60-60-60. Gas to surface in 30 min.

Recovered 65' GAS CUT MUD. IF 20# FF 30# ISIP 1493# FSIP 1372#

This morning drilling ahead at 4743'

1/28/75 9:00 a.m./Red Tiger called

DST #4 4737' 4753' 30-60-30-60.

Gas to surface in 30 min.

Gauged 78 MCF decrease

Recovered 65' Gas Cut Mud, 120' Gas Cut Muddy Water.

14 MCF in 5 mi

IF 20#<sup>50#</sup> FF 80# ISIP 1422# FSIP 1352#

Started logging at 2:00 a.m.--finished up at 5:00 a.m.

Waiting on orders.

1/29/75 Total Depth 4785' Ran 135 Jts. (4786.98') Used 10.5# 5 1/2" set at 4784',

cemented with 100 sax 50-50 Pozmix Salt Saturated.

Plug down at 3:15 a.m. on 1/29/75

ELECTRIC LOG TOPS

HEEBNER	40.14'	-1785
BROWN LIME	4147	-1918
LANSING	4157'	-1928
STARK SHALE	4457	-2228
BASE KANSAS CITY	4523'	-2294
MARMATON	4549'	-2320'
CHEROKEE	4636'	-2407
MISSISSIPPI	4718'	-2489
RTD	4753	TD 4754'

Drilled additional 20" as ordered by GNRupe after taking LOG.

8:30 a.m.  
1/27/44 As per GNR - Tested from 4684'-4724'

Had gas to surface in 90 minutes. Recovered 65' Gas Cut Mud  
ISIP 1160#, FSIP 945#

Running about 6' high to the Taylor #1 on Top of Mississippi

Tested from 4713' - 37' Gas to surface in 30 minutes.

35 MCF increased to 75 MCF in 2 hrs. 10 minutes

-2506' at the bottom of this test.

Went in and drilled 6' more:

1st foot drilled in 6 minutes
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2nd	"	4	"
-----	---	---	---

3rd	"	3	"
-----	---	---	---

4th	"	2 $\frac{1}{2}$	"
-----	---	-----------------	---

5th	"	2	"
-----	---	---	---

6th	"	1 $\frac{1}{2}$	"
-----	---	-----------------	---

They Test ~~at~~ that interval 4736' - 43'

Started with gas to surface in 30 min. 78 MCF immediately decreased rapidly  
to 12 MCF. ISIP 1493# FSIP 1372#, IF 20-40, FF 10-30

Recovered 65' of Gas Cut Mud

Samples indicated clean white Chert.

Drilling ahead to draw out the remainder porosity--then will be testing that again.

TITUS #1

Completion

1/31/75 Noon-GNRupe advised John Cecil will have "drill-in" Unit in on Titus #1  
Monday morning/2-3-75. Called Rousey, Gensch as well as  
sent Report of notice to "investors"

G N Rupe

Titus No 1

SE SW 11-26S-19W

Edwards Co Kans.

Completion  
JAN 30 1975

1-28-75: Drillers TD 4785'. Ran 67 jts used 4½", 9½ lb, J-55 (2111<sup>49</sup>') ; 46 jts new H-40 (1824<sup>34</sup>') ; 22 jts used H-40 (851<sup>15</sup>'), total 4786<sup>98</sup>', with guide shoe, fill up insert, & 3 centralizers. Set at 4786<sup>98</sup>' (Csg meas) 1' off bottom. Circulated 30 min & cemented @ 100 sx salt-sat 50-50 poz mix @ 10 B SW flush (Sun Cementing). Plug down to 4753' @ 3:15 AM (1-29-75). Fresh water in Csg.  
1-29-75: Cut-off 4½ Csg @ Csg head & welded on Clr.

John Cecil Jr

G N Rupe Titus No 1

Completion

SW/SE SW 11-26S-19W

Edwards Co, Kans

REC'D FEB 20 1975

2-3-75: RU Petrolog to run GR/clr & bond logs. Could not get below 4724' @ GR tool, (29' above measured plug depth).

Mixed 400 lb KCl & 12 gal Clay Stabilizer

@ 80 Bbl fresh water & pumped in Swab tank.

SD till well sev unit arrives.

2-15-75: RU Nesco well sev unit. Ran 4<sup>3</sup>/<sub>4</sub>" bit, sub, 78 jts 2<sup>1</sup>/<sub>16</sub>", 3<sup>25</sup> lb 1j. tbg, closed in SD.

2-17-75: Ran total of 147 jts 2<sup>1</sup>/<sub>16</sub>" tbg & 1 jt 2<sup>3</sup>/<sub>8</sub>" tbg. Washed out to 4749' - scale & cmt. Drilled cmt & wiper plug @ 4752' @ 4<sup>3</sup>/<sub>4</sub>" bit & Acme pump & shwivle. Pulled tbg & put on 4<sup>1</sup>/<sub>2</sub>" orbit valve. RU Petrolog & ran GR/clr log from 4749' - 4400'. Ran Bond log from 4747 to 4300'.

TOC @ 4380. Good bond 4747 to 4436.

2-18-75: Swabbed Csg to TD (4750). Dumped 2 bbls 10% Acetic acid in Csg. RU Petrolog & perforated from 4726' to 36' @ 2 DP charges/ft. 60 min SIP 25 psi - blew & flared gas to pit for 30 min, 60 min SIP 90 psi; 90 min SIP 150 psi. Csg head leaking - apparent Csg leak.

SI & SDON

G N Rupe

Titus No 1

Completion

SE SW Sec 11-26S-19W

- pg 2 -

Edwards Co, Kans

2-19-75: 15 hr SICP 980 psi; Csg head  
leaking around slips. Blew down to  
10 psi in 10 min. Blowing fine mist  
of Acetic Acid-water after 10 min. After 45  
min gauged 130 mcfpd. Ran 2 1/16 SN,  
2 jts 2 1/16 tbg, Baker model AD 4 1/2 x 2 3/8  
tension pkr, 145 jts 2 1/16, 3 25 lb, i.j. tbg,  
12' - 2 3/8 EU subs (4535.72' total). Set  
SN @ 4740' & pkr @ 4674' @ 12,000 lbs  
tension. 30 min SITP 400 psi; 60 min  
SITP 750 psi. Opened tbg to pit &  
blew down to FTP of 20 psi in 20 min.  
Unloaded heavy spray of Acetic acid water.  
Left blowing fine spray over night - estimated  
130 mcfpd. Will acidize 2-20-75 AM. SDON

John Cecil Jr

G N Rupe

Titus No 1

Completion

SE SW Sec 11-265-19 W

-pg 3-

Edwards Co., Kans

REC'D FEB 22 1975

2-20-75: 7 AM flowing 190 mcfpd @ small stream of SW. Estimate 9 BPD, 4% oil. Released pKr, pulled 1 jt 2 1/16" tbg, ran 1 jt 2 3/8" tbg @ Subs. Tbg @ 4738', pKr @ 4673'. Ran swab - tbg dry. Spotted 1/2 B 15% SME HCl acid. Pulled 12' tbg subs. Tbg @ 4726, pKr @ 4661'. Pumped 500 gal 15% SME HCl & displaced @ 15 B treated water. Max press 1500 psi, Avg Treating press 750 psi @ 1/2 B/min. ISIP 350 psi - on vac in 10 min. Swabbed estimated 14 B spent acid when gas flow appeared. Swabbed & flowed total of 22 B spent acid & treated water till dark. SI 30 min TP 200 psi opened to pit - did not unload - left blowing to pit.

John Ceil Jr

G N Rupe

Titus No 1

SE SW Sec 11-26-19  
Edwards Co., Ks

RENO FEB 24 1975 Completion  
Pg 4

2-21-75: Slugging to pit estimate 12 B/D; 2% oil  
water has SG = 1.085 (115,000 ppm). (Mississippi  
water from Newsome B = 1.060 SG & 74,000 ppm.)  
1 hr SITP 630 psi - Blew 30 min, unloaded  
3 B liquid, gas decreased to 90 mcfpd. Estimate  
29 B back (3 B over load). Repeat 60 min  
SI & 30 min blow - same recovery. 2 hr SITP  
875 psi. Adjusted choke for 1 mmcf/d  
for 10 min - unloaded 3 B & stabilized @  
125 mcfpd & est 5 BW/D thru 1/2" choke.  
(S.G. = 1.085). Repeat 2 hr SI & 30 min blow -  
same recovery. Swabbed 2 hrs - recovered  
3 B liquids, (SG 1.085), contained heavy  
suspension of colloidal mud. Blowing to  
pit @ 140 mcfpd @ light mist. Day's  
recovery est 8 B. Total out 36 B (10 B over load).  
SD ON (will analyze last water sample).

John Cecil Jr

G N Rupe

Titus No 1  
SE SW Sec 11-26-19  
Edwards Co, Kans

Completion  
pg 5

REC'D FEB 25 1975

2-22-75: Water Analysis - mississippi water @ Spent acid water & mud solids. 7 AM - flowing 220 mcf pd @ heavy fog est 10 BW/D. Swabbed & blew for 7 hrs. Recovered 3 BW. SG 1.075 @ heavy suspension of mud solids. SI & SD till 2-24-75.

2-23-75: 18 hr SITP 1260 psi, SICP 190 psi. Blew tbg down to FTP=25 psi in 10 min - dry blow. CP dropped to 188 & down to 160 in 2 hrs. Apparent thread leak in tbg. Blowing heavy fog after 2 hrs. flowing 220 mcf pd & est 24 BW/D. SG = 1.080 @ heavy suspension of mud. Will trip tbg, attempt to find leak & tape threads going back in on 2-24-75.

John Cant Jr

GN Rope

Titus No 1

SE SW Sec 11-26-19

Edwards Co, Kans

REC'D MAR 3 1975

Completion

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2-24-75: 18 hr SITP 1260 psi. CP 40 psi. Blew down to FTP = 25 psi in 15 min. RU Acid Engrs & pumped 60 BW @ KCI & CS to kill flow. Pulled tbg & pkr. Dressed pkr. Ran back & taped each jt @ Teflon. Set tbg @ 4738' @ pkr @ 4673, hanging. Swabbed 25 BW, tbg dry. Left tbg open to pit & SDON

2-25-75: CP 90 psi, tbg dead. Swabbed 10 BW when swab cup parted - left rubber sleeve in hole. Could not get below 2500' with new swab. SI csg & left tbg open to pit. SDON

2-26-75: CP 425 psi, tbg dead. Set pkr @ 4673', SN @ 4738'. Pulled swab, tbg kicked off - blowing heavy fog. 60 min SITP 550 psi. Blew tbg - after 1 hr est 20 BWPD @ 90 mcfpd. SG 1.030, 4 hr SITP 750 - blew tbg - slugged - blew down to heavy fog, flowing 90 mcfpd - est 10 BWPD; SG 1.075

GN Rupe

Titus No 1

SF SW Sec 11-26S-1942

Edwards Co, Kans

Completion

pg 7

- 2-27-75: Flowing 90 mcfpd @ heavy fog, est 20 BWPD; 1% oil - no solids, SG 1.075 Swabbed < 1 BW. After 10 hrs gauged 180 mcfpd @ heavy fog, est 20 BWPD SG 1.085, 1% oil - left flaring to pit
- 2-28-75: Flowing 200 mcfpd @ heavy fog, est 10 BWPD, S.G. = 1.075. RH Acid Engineers & NOWSCO. Spear headed 25,000 SCF N<sub>2</sub> after spotting 2 B acid. Acidized @ (total) 1000 gal 15% SME HCl & 1790 SCF N<sub>2</sub>/bbl. Max TP 2350 psi, avg treating press 2050, min TP 1750 psi, ISIP 1850 psi. Displaced @ 4BW @ KCl & CS & 2000 SCF N<sub>2</sub>/bbl. Unloaded to pit - FTP after 15 min 25 psi. Down to slight blow after 2 hrs. Pulled swab hourly for 6 hrs @ < 1BW per hr left flaring to pit.
- 3-1-75: Flowing 190 mcfpd - est 20 BWPD, SG 1.080 (high chlorides from spent acid) 2% oil SI for build-up. 60 min SITP 740 psig.

John Cecil Jr  
Field Engineer

GN Rupe Titus No 1

SF SW Sec 11-26S-19W

Edwards Co, Ks

REC'D MAR 14 1975  
Completion

3-3-75: 20 hr SITP 1030 psig. Blew down in 10 min. Unloaded  $\approx$  1BW, 1% oil, SG = 1.090. After 30 min ga 185 mcfpd  $\frac{1}{2}$  est 17 BWPD. 30 min SITP = 525 psig; 60 min SITP = 670 psig. Attempted to gauge stabilized rate @ FTP of 400 psig - choke plugged after 4 hrs. Blew down - unloaded  $\approx$  1BW.

3-4-75: Ga 215 mcfpd @ est 20 BWPD, SG = 1.080, 1% oil.

3-5-75: Ga 240 mcfpd @ est 15 BWPD. SG = 1.075, 1% oil.

3-6-75: Ga 240 mcfpd @ est 15 BWPD. SG = 1.075, 2% oil. 5 hr SITP = 1155 psig. Controlled flow through choke - after 5 hrs nearly stabilized @ 135 mcfpd through 4/64 choke @ 360 psig FTP. Testing through test separator - did not dump during test.

3-7-75: Froze off @ choke. SI for 4 pt test.

3-10-75: 72 hr SITP 1062 psig. Kansas-Nebraska Gas Company running 4 pt  $\frac{1}{2}$  1 pt test.

John Cecil Jr



## RUPE OIL COMPANY, INC.

P.O. BOX 2273 · 434 OHIO, WICHITA, KANSAS 67201 · (316)262-3748

TITUS #1 - SE SW SW of Section 11-26S-19W, Edwards County, Kansas  
by John J. Cecil, Jr., Engineer

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- August 27, 1976 - Rigged up PRATT WELL SERVICE Unit to change "stuck" Pump. Long stroked Pump action, but "stuck" open before hanging back on. Could not unseat Pump. Stripped out down to 177 rods. Shut down overnight.
- August 28, 1976 - Stripped out to Pump--had stuck 1' above Seating Nipple. Last 3 Joints of Tubing filled with mud--heavy at bottom. Shopped Pump. Shut in Well and shut down over Sunday.
- August 30, 1976 - Ran Bailer to Total Depth and bailed small amount of scale and gyp with parts of rubber (wiper plug at 4752'). No mud--will have solids from heavy liquid in Tubing analyzed--may not be drilling mud. Replaced Joint of Tubing cut from Pump and ran back 3' perf sub; 2 1/16" x 1.504" Seating Nipple, 146 Joints of 2 1/16" 3.25# Tubing, 1 Joint and 24' of 2 3/8" Tubing Subs (4746.42' total). Set Seating Nipple at 4739'. Ran repaired 1 1/4" x 1 1/16" TP Bottom Hole Down Pump; 120 - 5/8" and 69 - 3/4" Norris 78 Rods. Could not space out with no Pony Rods--apparently rods stretched during strip-out. Shut down overnight.
- August 31, 1976 - Subbed up, spaced out and hung on. Good pump action--started Pumping Unit. Residue analysis: not drilling mud; high in salt and silt content and soluble in H<sub>2</sub>O.  
Treating Program: Batched Bi-weekly with corrosion and scale inhibitor.
- October 9, 1976 - Rigged up PRATT WELL SERVICE. Pulled 2 1/16"x 1 1/16" Metal/Metal Insert BHD TP Pump--plunger stuck, gyped up. BOVAIRD repaired and modified Pump. Ran back 2 1/16"x1 1/4" Composition Ring Type BHP, TP Pump and Rods. Hung on and started Unit--good pump action.
- October 11, 1976 - Well not pumping. JOINER TANK SERVICE pumped 15 bbls. Water in Tubing at 100-200#; Casing Pressure increased from 330 to 450#--apparently washed around Pump at Seating Nipple. Lowered Pump 6" and started Unit--pumping to Tank.



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TITUS #1 - SE SW SW of Section 11-26S-19W, Edwards County, Kansas

by John J. Cecil, Jr., Engineer

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*Handwritten notes on green sticky note:*  
Hoped for next summer  
run well  
Ed. Cecil  
9/18/76

*Handwritten notes on yellow sticky note:*  
10/11/76  
run to  
pump  
Ran to tank  
CMB + Tank



**RUPE OIL COMPANY**

TITUS #1 - SE SW SW of Section 11-26S-19W, Edwards County, Kansas

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June 17, 1976 - Rigged up NESCO Double Drum Well Service Unit. Released Packer, pulled Tubing and Packer. Ran back 2 3/8" Upset x 3' Bull-Plugged perforated Sub, 2 1/16" x 1.504" Seating Nipple, 146 Joints 2 1/16" 3.25# Tubing, 1 joint and 24' of 2 3/8" Upset 4.7# 3 Thread Tubing Subs. (4746.42' total). Set at 4750';, 2' off bottom. Ran 1 1/2" x 1 1/16" x 10' TP Bottom Hole Down Insert Pump, 120 - 5/8x25' Norris 30 Rods, 69 - 3/4"x25' Norris 78 Rods, 1 - 4' Pony Rod, 16' x 1 1/4" PolishRod with 10' liner. Spaced out and hung on. Completed electrical hook-up and started Unit. Pump stuck after 2 minutes. Shut down overnight.

June 18, 1976 - Pulled 4' Pony Rod and 6' Tubing Sub. Tubing now at 4744' (perf sub 4740-43'), Seating Nipple at 4739'. Spaced out and hung on. Good pump action. Apparently Tubing was tagging bottom after pump loaded, causing rods to hang up. Pumping 10 - 38" strokes per minute.

Water to surface in 3 hours.

Shot fluid level.

Pumping time will be adjusted to keep fluid level at perms.

Selling 80 MCF per day at 280# line pressure.



## **RUPE OIL COMPANY, INC.**

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TITUS #1 - SW SE SW of Section 11-26S-19W, Edwards County, Kansas

Report by John J. Cecil, Jr., Engineer

- June 8, 1978 - Rigged up CLARKE WELL SERVICE UNIT. Unseated Pump and Shut Down overnight.
- June 9, 1978 - Pulled Rods and Pump, both Standing Valves jibbed up and leaking back. Ran Rebuilt O'Bannon 1 1/2" x 1 1/4" x 12' Bottom Hold-down, TP, Composition Ring Insert Pump with 4' Plunger and 62" maximum stroke, Double-valved with Hydro-jet on 120 - 5/8" & 68 3/4" Rods; 20' Pony Rods; 1 1/4" x 16' Polish Rod with 1 1/2" x 6' Liner. Spaced out and hung on. LACKEY TANK TRUCK SERVICE filled and pressured Tubing to 500#, held pressure--tested good. Started Pumping Unit--good pump action. Released Rig.

Rupe Oil Co., Inc.

Production

Titus No 1

SW 5<sup>th</sup> SW Sec 11-26S-19W

Edwards County, Kansas

DEC 12 1979

12-6-79: R4 Clarke Well Service Unit, SDON,

12-7-79: Pulled 1 1/2" x 1 1/4" x 12' TP BHD insert

pump @ 4' composition-ring plunger. Ran

back new 1 1/2" x 1 1/4" x 12' TP-BHD insert

pump @ 4' metal pacilite plunger &

hydro-jet attachment. RD - Started

pumping unit - good pump action.

John Smith

Mailed copy to Investor  
12/12/79