

Lse #1194 - DYCHE #1 - C NE SE of Section 14-27S-10W  
Kingman County, Kansas

Dean Dyche  
#316-298-29  
lives on Hwy  
Cunningham  
per Clement

Drilling Contractor: Union Drilling Co., Inc.  
505 Union Center Bldg.  
Wichita, Kansas 67202 262-1872

Mobile of Kansas  
(Rig #2 #316-793-7859 out of G  
Unit #2853

Geologist Mud: Davis Cement Halliburton Gas Detector: Baroid INVESTOR  
Wm G. Clement/  
'Chuck' Kuhl - going out 12/15/78 - Elmdell hotel in Cunningham Room #8 #316-298-2745 Gehan

- 10/19/78 Ordered 'Certificate of Title' from Cragun Abstract Co, Kingman, Kansas
- 10/26/78 Ordered Drlg. Title Opinion from Chas. Hoke/GLAVES, WEIL & EVANS
- 11/13/78 Called & asked Hoke/GLAVES Office for 'opinion' as soon as possible.
- 12/ 5/78 Mailed 'Intent to Drill' to State Corporation Commission today.
- 12/ 5/78 Laughlin Simmons 'staked and ran elevation' ELEVATION: 1732' Ground  
1739' Kelly Bushing
- 12/13/78 UNION called/moving in this morning. Midwestern Supply Co used 2.0. 5VTD
- 12/14/78 10:00 a.m./UNION called moved in and rigged up and set 272' of 8 5/8" with 250sacks  
Common Cement, 2% Gel, 3% Calcium Chloride. Plug down at 10:30 p.m.
- 12/15/78 10:30 a.m. UNION called/drlg at 1650' at 7:00 a.m. on 12/13/78
- 12/18/78 10:00 a.m. UNION called/drlg at 2530' at 7:00 a.m.
- 12/19/78 10:00 a.m. UNION called/drlg at 2870' at 7:00 a.m. 2:00 pm Chuck left for Rig - will stay at Rig most time
- 12/20/78 9:00 a.m./Chuck called 'collect'/drlg at 3260' at 8:30 a.m.  
just above the Heebner (expects same around 3660')which will be late tonight
- 12/21/78 9:30 a.m./Chuck called 'collect' from Rig/drlg at 3651'
- 12/22/78 9:00 a.m./Chuck called 'collect' /circulating at 3840' TOP of LANSING 3518' or -17
- 12/23/78 On Saturday/Clement Well running 4' low to offset  
Took DST #2 from 4015' - 4051' 30-45-30-45 (in the MISSISSIPPIAN) Well (#3 Bick)  
ISIP 1330# IF 98 to 432# FF 412 - 627#, FSIP 1320#  
Recovered 2400' gas in pipe, 180' Gas Cut Foamy Mud, slightly oil cut;  
1300' water. Trace of oil  
Shut down for Christmas.
- 12/26/78 9:50 a.m. UNION called/will get back drilling at 2:00 p.m. today.  
DST#1 from 1554' -1630' 20-60/-open and died. Recovered 60' Mud.  
ISIP 119#, IF 34 & 34# in HERRINGTON-KRIDER
- 12/27/78 9:00 a.m. Clement called Rig/drlg at 4135' at 7:00 a.m. Clement going out on Rig tonight
- 12/28/78 UNION advised drlg at 4280' & circulating depth  
Noon Clement called in from Rig VIOLA 4281' or -2542'  
Drlg depth 4285'--getting ready to test. (Well running 3' low to #3 Bick)
- 12/29/78 8:00 a.m./CLEMENT called took DST #3 from 4279'-85' 30-45-45-60  
Weak blow increased to strong. Recovered 180' gas in pipe, 180' highly gas and  
oil cut mud, 240' water. ISIP 1150# FSIP 1150# IF 98 FF 177#  
Logging

Dean Dyche  
#316-298-2962  
lives on Hiway in  
Cunningham, Ks.

Lse #1194 - DYCHE #1 - C NE SE of Section 14-27S-10W  
Kingman County, Kansas

Drilling Contractor: Union Drilling Co., Inc. (Rig)  
505 Union Center Bldg.  
Wichita, Kansas 67202 262-1872

Geologist Mud: Davis Cement Halliburton Gas

Wm G. Clement/  
'Chuck' Kuhl - *gung out 12/15/78 - noted in Cunningham Room*

*Reg # 2  
662-6649 12/21/78  
Hutchinson  
channel 13  
Dyche #1*

10/19/78 Ordered 'Certificate of Title' from Cragun Abstract Co.

10/26/78 Ordered Drlg. Title Opinion from Chas. Hoke/GLAVES,

11/13/78 Called & asked Hoke/GLAVES Office for 'opinion' as soc

12/ 5/78 Mailed 'Intent to Drill' to State Corporation Commission today.

12/ 5/78 Laughlin Simmons 'staked and ran elevation'

ELEVATION: 1732' Ground  
1739' Kelly Bushing

12/13/78 UNION called/moving in this morning.

12/14/78 10:00 a.m./UNION called moved in and rigged up and set 272' of 8 5/8" with 250 sacks  
*Midwestern Supply, 00 and L.W. 8078*

Common Cement, 2% Gel, 3% Calcium Chloride. Plug down at 10:30 p.m.

12/15/78 10:30 a.m. UNION called/drlg at 1650' at 7:00 a.m. on 12/13/78

12/18/78 10:00 a.m. UNION called/drlg at 2530' at 7:00 a.m.

*2:00 pm Chuck left for Reg - well stay at Reg most time*

12/19/78 10:00 a.m. UNION called/drlg at 2870' at 7:00 a.m.

12/20/78 9:00 a.m./Chuck called 'collect'/drlg at 3260' at 8:30 a.m.,  
just above the Heebner (expects same around 3660') which will be late tonight.

12/21/78 9:30 a.m./Chuck called 'collect' from Rig/drlg at 3651'

12/22/78 9:00 a.m./Chuck called 'collect' /circulating at 3840' TOP of LANSING 3518' or -177

12/23/78 On Saturday/Clement Well running 4' low to offset

Took DST #2 from 4015' - 4051' 30-45-30-45 (in the MISSISSIPPIAN) Well (#3 Bick)

ISIP 1330# IF 98 to 432# FF 412 - 627#, FSIP 1320#

Recovered 2400' gas in pipe, 180' Gas Cut Foamy Mud, slightly oil cut;  
1300' water. *Trace of G.I*

Shut down for Christmas.

12/26/78 9:50 a.m. UNION called/will get back drilling at 2:00 p.m. today.

DST #1 from 1554' -1630' 20-60/open and died. Recovered 60' Mud.

ISIP 119#, IF 34 & 34#

12/27/78 9:00 a.m. Clement called Rig/drlg at 4135' at 7:00 a.m.

*Clement gung out on Reg route*

12/28/78 UNION advised drlg at <sup>depth</sup> 4280' & circulating

Noon Clement called in from Rig

Drlg depth 4285'--getting ready to test.

VIOLA 4281' or -2542'  
(Well running 3' low to #3 Bick)

12/29/78 8:00 a.m./CLEMENT called took DST #3 from 4279'-85' 30-45-45-60

Weak blow increased to strong. Recovered 180' gas in pipe, 180' highly gas and  
oil cut mud, 240' water. ISIP 1154# FSIP 1154# *IF 98 FF 177#*

Logging

**RUPE OIL COMPANY, INC.**

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

#1 DYCHE - C NE SE of Section 14-27S-10W, Kingman County, Kansas

---

Drilling Contractor: Union Drilling Co., Inc.  
Wichita, Kansas

Geologist: "Chuck" Kuhl  
Wichita, Kansas

---

- December 5, 1978 - Filed 'Intent to Drill' with State Corporation Commission.  
Ordered 'staking and elevation' by Laughlin Simmons & Co.
- December 7, 1978 - Laughlin Simmons & Company's elevation: 1732' Ground Level  
1739' Kelly Bushing
- December 13, 1978 - Drilling Contractor moving in today.
- December 14, 1978 - Drilling Contractor moved in, rigged up and set 8 5/8" Surface Casing at 272', cemented with 250 sacks Common Cement, 2% Gel, 3% Calcium Chloride. Plug was down at 10:30 p.m. on December 13, 1978.
- December 15, 1978 - Drilling at 1650' at 7:00 a.m. today
- December 18, 1978 - Drilling at 2530' at 7:00 a.m. today
- December 19, 1978 - Drilling at 2870' at 7:00 a.m. today
- December 20, 1978 - Drilling at 3260' at 7:00 a.m. today
- December 21, 1978 - Drilling at 3651' at 7:00 a.m. today
- December 22, 1978 - Drilling at 3840' at 7:00 a.m. today Top of LANSING 3518' or -1779'  
(Well running 4' low to offset well)
- December 23, 1978 - Took DRILL STEM TEST #2 from 4015' - 4051' in the Mississippian.  
Tool open 30 minutes; shut in 45 minutes; open 30 minutes; shut in 45 min.  
Initial Shut In Pressure 1330#, Initial Flow 98# to 432#, Final Flow Pressure 412# and 627#, Final Shut In Pressure 1320#.  
Recovered 2400' gas in pipe; 180' Gas Cut Foamy Mud, slightly oil cut; 1360' water. Shut down for CHRISTMAS.  
in the Herrington-Krider  
Took DRILL STEM TEST #1 from 1554' - 1630'. Tool open 20 minutes; shut in 60 minutes; open and died. Recovered 60' Mud.  
Initial Shut In Pressure 119#; Initial Flow Pressure 34# & 34#.
- December 26, 1978 - Started back drilling at 2:00 p.m. today after being down for Christmas.
- December 27, 1978 - Drilling at 4135' at 7:00 a.m.
- December 28, 1978 - Drilling depth at 7:00 a.m. 4280' and circulating.  
Top of VIOLA 4281' or -2542'  
(Well running 3' low to offset well)
- December 29, 1978 - Took DRILL STEM TEST #3 from 4279' - 85'. Tool open 30 minutes; shut in 45 minutes; open 45 minutes; shut in 60 minutes. Had weak blow increased to strong. Recovered 180' gas in pipe, 180' highly gas and oil cut mud, 240' water. Initial Shut In Pressure 1154#, Final Shut In Pressure 1154#. Initial Flow Pressure 98#, Final Flow Pressure 177#.  
Logging.

(continued on Page 2)



# RUPE OIL COMPANY, INC.

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

#1 DYCHE - C NE SE of Section 14-27S-10W, Kingman County, Kansas

Drilling Contractor: Union Drilling Co., Inc.  
Wichita, Kansas

Geologist: "Chuck" Kuhl  
Wichita, Kansas

Completion by John J. Cecil, Jr., Engineer

- December 29, 1978 - Rotary Total Depth 4330'. Circulated 1½ hours and layed down Drill Pipe. Ran 18 'new' Joints of 5½" 15.5# ERW and 107 Joints 'used' 5½" 14# Seamless Casing on HALLIBURTON Float Shoe (4330.51' total). Tagged Total depth at 4321'; washed down to 4327', circulated 30 minutes. Set Shoe 1' off bottom at 4326' with Baffle in 1st Collar at 4279', Centralizers at 4279', 4238', 4074', 4033', 3992', 2394' and 2361'. DV Tool at 2461' and Basket at 2463'.  
HALLIBURTON pumped 500 gals. Mud Flush and 150 sacks 50-50 Pozmix with 10% Salt + 0.75% CFR-2 in 1st Stage, bumped plug with 1000#. Pumped 500 gals. Mud Flush and 100 sacks same Cement in 2nd Stage. Displaced both with Fresh Water and rotated during 1st Stage only. 2nd Stage plug down at 1:00 p.m. 12/30/78. Set Slips, cut Casing off, welded on Collar and shut-in.
- February 27, 1979 Rigged up CLARKE WELL SERVICE UNIT.  
Ran 4 7/8" bit, junk basket, casing scraper, sub and 80 joints of 2 7/8" EU 6.5# Tubing to tag DV Tool at 2460'. Drilled Cement to 2466', rubber and metal plugs to 2468'. Circulated out and shut down overnight.
- February 28, 1979 Drilled through DV Tool at 2468½' and circulated out.  
Ran Tubing and Bit to Plug Back Total Depth at 4273'. Could not drill Plug because Bit would hang up--possibly pushed part of D-V TOOL down with Bit causing hang-up.  
Shut down overnight.
- March 1, 1979 Pulled Tubing and Bit, ran Magnet on Sand Line to retrieve Scale and Cuttings. Ran Sand Pump and retrieved Scale, Rubber and Metal Parts of D-V Tool. Ran Magnet and retrieved nothing.  
Shut down overnight.
- March 2, 1979 Ran Bit, Junkbasket, Scraper and Tubing to 4274'. Drilled Metal and Rubber Parts of D-V Tool, then soft cement to 4280', Wiper Plug and Baffle Plate to 4281'; circulated out and shut down overnight.
- March 3, 1979 Shut down for 'blizzard' til March 5, 1979.
- March 5, 1979 Drilled Metal and Rubber to 4283' when Bit torqued up--could not make any hole in 2½ hours. Pulled Tubing and shut down overnight.

**RUPE OIL COMPANY, INC.**

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

#1 DYCHE - C NE SE of Section 14-27S-10W, Kingman County, Kansas

Completion by John J. Cecil, Jr., Field Engineer

- March 6, 1979 - ELECTRA INC. ran Gamma Ray, Correlation and Cement Bond Logs from Plug Back Total Depth of 4284' to 3300' and from 2500' to 1400'. Tied in Neutron Log from 4284' up to 4100'. Fair to poor bonding from 4270' - 80' but no indication of cement-to-pipe bonding throughout rest of bottom stage. (Top of Cement on bottom Stage should be approximately 3620'). (New Casing run from 3580' to 4326' had thick mill scale possibly accounting for no bonding signal). Good bond throughout top stage from 2466' to 1995' with a few intervals of fair to poor bonding. Swabbed Casing to 4280'. Perforated VIOLA from 4276' - 76½' with 2 SSB charges. Left open and shut down overnight.
- March 7, 1979 Swabbed dry -- 1½ bbls. of Drilling Mud - 60' fillup over night. Ran Baker Model 'R' Packer on 1 joint Tailpipe; 8' sub; seating nipple; 137 joints Tubing and 12' Subs (total 4273.59'). Set Tubing at 4278'. Pulled swab -- no fillup, HALLIBURTON pumped 1/2 bbls. 15% Mud Cleanup Acid to spot on Perfs. Set Packer at 4240'. Pumped 69 bbls. KCL Water to load annulus; pumped 5½ bbls. 15% Mud Cleanup Acid in Tubing and displaced with 24 bbls. KCL Water. Maximum pressure 700# treated at 1/2 bbls. per minute with average pressure of 350#, Initial Shut In Pressure 100#, on vacuum in 2 minutes. Swabbed estimated 22 bbls. load water with fluid level dropping to 3000' in 2 hours, 8 bbls. under load (below Packer). Left open and shut down overnight. Kinked Sand Line, will cut and splice tomorrow.
- March 8, 1979 Cut and spliced Sand Line (5 hours) fluid level at 3100'. Swabbed down, fluid not coming in. Released Packer and equalized Tubing and Annulus to flush around Tail Pipe. Swabbed 13 bbls. Water (from Annulus). No fillup in Tubing next hour. Total out estimate 26 bbls., 4 bbls. under load. Left open and shut down overnight.
- March 9, 1979 Had 200' fillup overnight, could not pull out with Tubing Swab. Released Packer and pulled Tubing and Packer. Fluid level at 2200' -- swabbed down, water from Annulus. No fillup in 30 minutes. Shut down overnight.
- March 10, 1979 Ran Swab--no fillup overnight. ELECTRA, INC. perforated VIOLA from 4277' - 77½' with 2 SSB charges. Swabbed 1/2 bbl. Mud with show of Gas, after 1 hour no fillup. Ran 1 Joint Tailpipe, Baker Model 'R' Packer, 8' Tubing Sub, Seating Nipple and 137 joints Tubing plus 12' Subs (4273.59' total). With Tubing at 4278', set Packer at 4240'. Packed off, left open and shut down over Sunday.



# RUPE OIL COMPANY, INC.

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

#1 DYCHE - C NE SE of Section 14-27S-10W, Kingman County, Kansas

Completion by John J. Cecil, Jr., Field Engineer

March 11, 1979 - Sunday

March 12, 1979 - Ran Swab to bottom--no fillup. HALLIBURTON pumped 10 bbls. Gelled KCL Water with 200 lbs. Rock Salt and 200 lbs. TLC-80 for diverting plug; 500 gals. 15% Mud Cleanup Acid and 6 bbls. KCL water (after loading annulus with 71 bbls. KCL Water and pressuring to 300#). Ran out of water --ordered 120 bbls., only had 87. Waited 1½ hours on Water Truck. Pumped total of 7½ bbls. Water behind Acid when pressure increased to 700#--would not feed. Released Packer and pressured Annulus to 800#--would not wash out, swabbed 6 bbls. Water from Tubing--pressured Annulus to 800#--would not washout. Loaded Tubing and pressured to 2500#--plugged solid. Swabbed 6 bbls. Water, 12 bbls. Acid and 6 bbls. Gelled Water. Pressured up on Annulus and washed through Tubing, reset Packer at 4240', pressured Annulus to 300# and pumped 30 bbls. water in Tubing at 3 bbls. per minute and 300#, on vacuum in 2 minutes. Left open and shut down overnight.

March 13, 1979 Pulled Subs and 1 joint Tubing, set Packer at 4196' with Tubing at 4234'. HALLIBURTON pressured Annulus to 500#; took injection test down Tubing at 3 bbls. per minute and 600#; pumped 20 bbls. (100 sacks) Common Cement, displaced 17 bbls. and Maximum Pressure of 800#, squeezed to 750#, washed out 3 bbls. Cement and pumped total of 80 bbls. Water to wash out Annulus. Pulled 1 joint Tubing, set Packer at 4165', pressured Annulus and Tubing to 200#, shut in and shut down overnight.

March 14, 1979 Pressure tested squeeze to 500#. Pulled Tubing and Packer. Ran 'used' 4 7/8" Bit, Scraper, Subs and Tubing to Top of Cement at 4237'. Drilled Cement to 4247', circulated out and shut down overnight.

March 15, 1979 Drilled hard cement from 4247' to 4281', washed down to 4285' where bit torques up -- possibly Scraper hanging up in Collar where Baffle Plate was. Pulled Tubing, Scraper and Bit. Shut down overnight.

March 16, 1979 ELECTRA ran Cement Bond Log from Plug Back Total Depth of 4284' to 3700', Top of Cement at 3558' with good bond up to 4005' and good to fair bond up to Top of Cement. Swabbed Casing down to 3500', perforated VIOLA from 4277' - 78' with 4 SSB Charges. Swabbed dry, after 1 hour swabbed 200' gas, next hour swabbed 300' gas, next hour swabbed 300' gas and 100' fluid (2½ bbls.), estimated 80% water. Left open and shut down overnight.

March 17, 1979 Had 1000' fillup overnight (23 bbls. in 16 hours). Swabbed down to Total Depth -- estimated 24 bbls., 99% Water and 1% Oil. (3000' gas ahead of Swab on 1st pull). Left open and shut down over Sunday.

March 18, 1979 Sunday

March 19, 1979 Fluid level at 1900', 2300' fillup. Swabbed down then 2½ bbls. per hour, 1% Oil (38° at 60° F), Water Specific Gravity 1.060, for 3 hours. ELECTRA, INC. perforated MISSISSIPPI from 4011'-21' with 1 SSB per foot. Ran Baker, Lok-Set Retrievable Bridging Plug, 1 joint Tubing, Baker Model 'R' Packer and 132 joints Tubing. Shut down overnight.



## RUPE OIL COMPANY, INC.

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

#1 DYCHE - C NE SE of Section 14-27S-10W, Kingman County, Kansas

Completion by John J. Cecil, Jr., Field Engineer

- March 20, 1979 - Tailpipe, Retrievable Bridging Plug, Packer, Sub and Seating Nipple (total 4111.82'). Set Retrievable Bridging Plug at 4100'. Pulled 3 jts. Tubing with Tailpipe at 4018', fluid level at 2000' (fillup from Viola), swabbed down to 3900'. Set Packer at 3980', swabbed dry with slight blow of gas behind swab. Left open to pit and shut down overnight.
- March 21, 1979 - Fluid level at 1500', 2500' fillup, swabbed down, estimated 17 bbls. at 4 bbls. per hour for 4 hours, estimated 25% oil with tight emulsion, very gassy, water Specific Gravity 1.125. Left open and shut down overnight.
- March 22, 1979 - Fluid level at 1700', 2300' fillup, 26% oil. Swabbed down, then swabbed 4 hours to test Tank: Averaged 3.8 bbls. per hour, 27% oil with 25% emulsion for net 20% oil, API gravity 32°. Very gassy, estimated 100 MCF per day blow behind swab, decreasing with fillup. Released Packer, added 3 joints Tubing to latch on Retrievable Bridging Plug and released same. Shut down overnight.
- March 23, 1979 - Pulled Tubing, Packer and Retrievable Bridging Plug. Shut-in. Will run 'dual' strings of 2 1/16", (1 Joint of Tubing) to pump MISSISSIPPI and dispose into VIOLA when equipment is obtained. Released Rig.
- May 17, 1979 Rigged up CLARKE WELL SERVICE UNIT. Shut down overnight.
- May 18, 1979 Blew down, ran 1 joint Tailpipe; Baker Model 'R' Packer; Seating Nipple, 2 7/8" x 8' Tubing Sub; 138 Jts. 2 7/8" 6.5# EU Tubing and 12' Tubing Subs. (4273.61' total). Set Tubing at 4277' with Packer set at 4241'. Fluid level at 1250', swabbed down, then 300' fillup in 20 minutes (rate of 5 bbls. per hour), Viola Water, Specific Gravity 1.115. HALLIBURTON pumped 36 bbls. Regular 15% HCI with HC-2, maximum pressure 800#, treated at 1/2 bbls. per minute and 800# for 8 bbls, 3 bbls. per minute and 700#, dropped to 400# for 28 bbls. Initial Shut In Pressure 100#, on vacuum in 1 minute, displaced with 24 bbls. Saltwater. Total load 60 bbls. Swabbed estimated 50 bbls. load and formation water with Acid Gas with fluid level from 2500' - 3000'. Shut down overnight.
- May 19, 1979 Fluid level at 1900'. Swabbed estimated 40 bbls. water, Specific Gravity 1.090 with gas ahead of swab and show of oil. Total out 90 bbls., 30 bbls. overload. Pulled Tubing and Packer. Shut down over Sunday.
- May 21, 1979 Rigged down CLARKE WELL SERVICE UNIT, Tubing Change-over Connections not available yet. Spotted AMERICAN 109-185-44 PUMPING UNIT on location.

LLOYD L. CLARKE  
Phone 886-3159

# CLARKE CORPORATION

Office Phone 886-3214  
P. O. Box 187  
Medicine Lodge, Kansas 67104

ORVILLE FREEMAN  
Phone 886-3398

ELMO MORGENSTERN  
Phone 886-5858

JOHN W. CLARKE  
Phone 886-3305

Customer Order No. -----

Invoice No. C-1017

Lease Dycke Well # 1

Ordered By Cecil

COMPANY Rupe Oil Company, Inc.

INVOICE DATE March 30, 1979

ADDRESS P. O. Box 2273

CITY Wichita, Kansas 67201

MAR 31 1979

2-27-79 919	Moved in. Rigged up. Run tubing and bit. Then drilled out D.V. tool.	Double Drum Unit/derrick Foreman 2 extra men Power Tongs 10# thread lube	11½ hrs. @ 30.00 11½ hrs. @ 11.00 23 hrs. @ 9.75 4 hrs. @ 10.00	345.00 126.50 224.25 40.00 14.00
2-28-79 920	Drilled out rest of D.V. Tools. Run rest of tubing. Drilled on float.	Double Drum Unit/derrick Foreman 2 extra men Power Tongs	11½ hrs. @ 30.00 11½ hrs. @ 11.00 23 hrs. @ 9.75 4 hrs. @ 10.00	345.00 126.50 224.25 40.00
3-1-79 921	Pulled tubing. Ran magnet on sand line. Fished for junk. Then run the sand pump.	Double Drum Unit/derrick Foreman 2 extra men Power Tongs Sand Pump 5½" Master Gate	11½ hrs. @ 30.00 11½ hrs. @ 11.00 23 hrs. @ 9.75 4 hrs. @ 10.00	345.00 126.50 224.25 40.00 75.00 50.00
3-2-79 922	Run tubing. Then drilled on float.	Double Drum Unit/derrick Foreman 2 extra men Power Tongs 10# thread lube	11½ hrs. @ 30.00 11½ hrs. @ 11.00 23 hrs. @ 9.75 4 hrs. @ 10.00	345.00 126.50 224.25 40.00 14.00
3-5-79 923	Drilled on float and then pulled the tubing.	Double Drum Unit/derrick Foreman 2 extra men Power Tongs	12 hrs. @ 30.00 12 hrs. @ 11.00 24 hrs. @ 9.75 4 hrs. @ 10.00	360.00 132.00 234.00 40.00
3-6-79 924	Logged hole. Then swabbed hole down. Dumped acid and then perforated.	Double Drum Unit/derrick Foreman 2 extra men 10 - 4½" swab cups (V) 1 - Oil saver rubber Casing swab tools	12 hrs. @ 30.00 12 hrs. @ 11.00 24 hrs. @ 9.75	360.00 132.00 234.00 65.00 6.50 60.00

# CLARKE CORPORATION

ORVILLE FREEMAN  
Phone 886-3398

Office Phone 886-3214

P. O. Box 187

Medicine Lodge, Kansas 67104

JOHN W. CLARKE  
Phone 886-3305

URGENSEN  
886-5858

Customer Order No. \_\_\_\_\_

Invoice No. C-1019

Lease Dycke Well # 1

Ordered By Cecil

COMPANY Rupe Oil Company, Inc.

ADDRESS P. O. Box 2273

INVOICE DATE March 30, 1979

CITY Wichita, Kansas 67201

3-7-79 #5925	Swabbed casing. Then run tubing. Treated well. Swabbed back acid. Double Drum Unit/derrick Foreman 2 extra men Power Tongs 8 - 5/2" swab cups 10# thread lube 2 - 2 1/2" swab cups	12 1/2 hrs. @ 30.00 12 1/2 hrs. @ 11.00 25 hrs. @ 9.75 4 hrs. @ 10.00 @ <del>8.00</del> 7.80 @ 11.90	375.00 137.50 243.75 40.00 62.40 14.00 23.80
3-8-79 #5927	Swabbed and tested. Then run the tubing. Double Drum Unit/derrick Foreman 2 extra men 4 - 2 1/2" swab cups 2 - oil saver rubbers	7 hrs. @ 30.00 7 hrs. @ 11.00 14 hrs. @ 9.75 @ 11.90 @ 6.50	210.00 77.00 136.50 47.60 13.00
3-9-79 #5928	Swabbed tubing and then pulled the tubing. Rigged up swab casing. Double Drum Unit/derrick Foreman 2 extra men Power Tongs 2 - 2 7/8 cups 10 - 5/2 swab cups 1 - Oil saver rubber	11 hrs. @ 30.00 11 hrs. @ 11.00 22 hrs. @ 9.75 4 hrs. @ 10.00 @ 11.90 @ 7.80 @ 6.50	330.00 121.00 214.50 40.00 23.80 78.00 6.50
3-10-79 #5929	Swabbed, tested, perforated and then run the tubing. Double Drum Unit/derrick Foreman 2 extra men Power tongs 10# thread lube	8 hrs. @ 30.00 8 hrs. @ 11.00 16 hrs. @ 9.75 4 hrs. @ 10.00	240.00 88.00 156.00 40.00 14.00
3-12-79 #5930	Pumped jell and salt and acid. Then set the packer. Unseated the packer. Reset packer. Swabbed back acid. Double Drum Unit/derrick Foreman 2 extra men 2 - 2 7/8 swab cups 1 - oil saver rubber	12 hrs. @ 30.00 12 hrs. @ 11.00 24 hrs. @ 9.75 @ 11.90 @ 6.50	360.00 132.00 234.00 23.80 6.50

# CLARKE CORPORATION

Office Phone 886-3214

P. O. Box 187

Medicine Lodge, Kansas 67104

ORVILLE FREEMAN

Phone 886-3398

JOHN W. CLARKE

Phone 886-3305

ROSENSTERN

86-5858

Customer Order No. -----

Invoice No. C - 1017

Lease Dycke Well # 1

Ordered  
By Cecil

COMPANY Bupa Oil Company, Inc.

ADDRESS P.O. Box 2273

INVOICE  
DATE March 30, 1979

CITY Wichita, Kansas 67201

-13-79 5931	Halliburton done job. Squeezed well.		
	Double Drum Unit/derrick	7 hrs. @ 30.00	210.00
	Foreman	7 hrs. @ 11.00	77.00
	2 extra men	14 hrs. @ 9.75	136.50
-14-79 5932	Drove to location. Unseated packer. Pulled tubing. Pulled tubing and packer. Took off packer. Ran tubing with bit. Started drilling cement.		
	Double Drum Unit/derrick	12 hrs. @ 30.00	360.00
	Foreman	12 hrs. @ 11.00	132.00
	2 extra men	24 hrs. @ 9.75	234.00
	Power Tongs	8 hrs. @ 10.00	80.00
	10# thread lube		14.00
-15-79 5933	Drilled out cement. Cleaned up hole. Then pulled the tubing.		
	Double Drum Unit/derrick	12 hrs. @ 30.00	360.00
	Foreman	12 hrs. @ 11.00	132.00
	2 extra men	24 hrs. @ 9.75	234.00
	Power Tongs	4 hrs. @ 10.00	40.00
-16-79 5934	Run log. Swabbed hole down. Perforated and then swabbed and tested.		
	Double Drum Unit/derrick	10½ hrs. @ 30.00	315.00
	Foreman	10½ hrs. @ 11.00	115.50
	2 extra men	21 hrs. @ 9.75	204.75
	Power Tongs	NONE	
	10 - 5½" swab cups	@ 7.80	78.00
	1 - oil saver rubber	@ 6.50	6.50
-17-79 5935	Swabbed and tested.		
	Double Drum Unit/derrick	5½ hrs. @ 30.00	<del>165.00</del> 165.00
	Foreman	5½ hrs. @ 11.00	60.50
	2 extra men	11 hrs. @ 9.75	107.25
	1 - oil saver rubber		6.50
-19-79 5936	Swabbed and tested. Perforated. Then run the tubing.		
	Double Drum Unit/derrick	11½ hrs. @ 30.00	345.00
	Foreman	11½ hrs. @ 11.00	126.50
	2 extra men	23 hrs. @ 9.75	224.25
	Power Tongs	4 hrs. @ 10.00	40.00
	10 - 5½" swab Cups (V)	@ 7.80	78.00
	1 - oil saver rubber		6.50

LLOYD L. CLARKE  
Phone 886-3159

# CLARKE CORPORATION

ORVILLE FREEMAN  
Phone 886-3398

Office Phone 886-3214  
P. O. Box 187

JOHN W. CLARKE  
Phone 886-3305

ELMO MORGENSTERN  
Phone 886-5858

Medicine Lodge, Kansas 67104

Customer Order No. -----

Invoice No. C - 1018 -----

Lease Dycke ----- Well # 1 -----

Ordered By Cecil -----

COMPANY Rupe Oil Company, Inc. -----

INVOICE DATE March 30, 1979 -----

ADDRESS P. O. Box 2273 -----

CITY Wichita, Kansas 67201 -----

MAR 31 1979

2-27-79 #4630	Used to drill out D-V tool and change hole.			
	#40 Power Swivel	8 hrs. @ 20.00		160.00
	#41 Mud Pump	8 hrs. @ 22.00		176.00
2-28-79 #4631	Drilled out D-V tool.			
	#40 Power Swivel	8 hrs. @ 20.00		160.00
	#41 Mud Pump	8 hrs. @ 22.00		176.00
3- 1-79 #4632	Pumped and swivel on stand by time.			
	#40 Power Swivel	4 hrs. @ 20.00		80.00
	#41 Mud Pump	4 hrs. @ 22.00		88.00
3- 2-79 #4633	Drilled up float and junk in hole.			
	# 40 Power Swivel	8 hrs. @ 20.00		160.00
	#41 Mud Pump	8 hrs. @ 22.00		176.00
3-14-79 #4634	Drilled out cement.			
	#40 Power Swivel	8 hrs. @ 20.00		160.00
	#41 Mud Pump	8 hrs. @ 22.00		176.00
3-15-79 #4635	Drilled out cement and cleaned up well.			
	#40 Power Swivel	8 hrs. @ 20.00		160.00
	#41 Mud Pump	8 hrs. @ 22.00		176.00
3-19-79 #4636	Pumped water from pit to reserve pit.			
	#41 Mud Pump	4 hrs. @ 22.00		88.00
3-22-79 #4637	Used pump to pump water off location. And out of snake pit into reserve pit.			
	# Mud Pump	4 hrs. @ 22.00		88.00
				<u>2,024.00</u>

COPY