

## RUPE OIL COMPANY, INC.

P.O. BOX 2273

438 OHIO, WICHITA, KANSAS 67201

(316) 262-3748

UNIT "E-5"

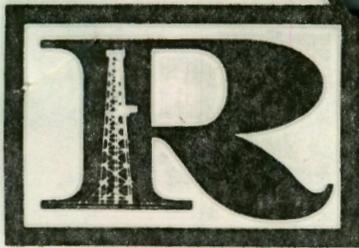
CITY of STOCKTON #3-13 - NW NE SE of Section 13-7S-18W, Rooks County, Kansas

---

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

June 19, 1984 - Rigged up PFEIFER Well Service. Pulled Hypex Cylinder and Rods. Shut down over night.

June 20, 1984 - Pulled 2' x 7/8" Pony Rod. Ran 6' x 7/8" Pony Rod; 1 1/4" x 16' Polish Rod with 1 1/2" x 8' Liner. Spaced out and clamped off. Plunger is 6' lower than Hypex Set-up. Rigged down and moved out. Will set Sentry 114 Unit today.



# RUPE OIL COMPANY, INC.

P.O. BOX 2273 . 438 OHIO, WICHITA, KANSAS 67201 . (316) 262-3748

UNIT 'E-5'

CITY of STOCKTON #3-13 - NW NE SE of Section 13-7S-18W, Rooks County, Kansas

Drilling Contractor: ALDEBARAN DRILLING CO., INC.  
Wichita, Kansas

Directional Drilling Contractor:  
Eastman Whipstock  
Oklahoma City, Oklahoma

Geologist: James L. Crisler  
Wichita, Kansas

August 11, 1983 - Filed 'Intent to Drill' with State Corporation Commission.  
Location 'staked and elevation run by Penco Engineering.

ELEVATION: 1849' Ground

August 13, 1983 - Moving in 'rotary tools'.

1858' Kelly Bushing

August 14, 1983 - Spudded, set 3 joints 13 3/8" Conductor Pipe at 96' cemented with 80 sacks  
Common Cement, 3% Calcium Chloride. Plug down at 10:00 a.m. 8/14/83.

August 15, 1983 - Drilling depth of 595' at 7:00 a.m.

August 16, 1983 - Drilling depth of 1300' at 7:00 a.m.

August 17, 1983 - Ran 32 joints J-55 8 5/8" 24# 'new' Surface Casing set at 1396' cemented  
with 275 sacks Light Weight Cement, 1/4# Flocele, 2% Calcium Chloride;  
and 200 sacks Common Cement, 3% Calcium Chloride. Plug was down at  
12:15 p.m. noon 8/16/83.

Top of ANHYDRITE 1289' or +569'

7:00 a.m. Preparing to drill out from under 'surface'.

August 18, 1983 - Drilling depth of 1691' at 7:00 a.m. and going in the hole with 'Down Hole  
Motor'.

August 19, 1983 - Drilling depth of 1819' at 7:00 a.m.

August 20, 1983 - Drilling depth of 1946' at 7:00 a.m. Survey at 1449' deviated 1 1/2°

August 21, 1983 - Drilling depth of 2127' at 7:00 a.m. 1669' " 1 3/4°

August 22, 1983 - Drilling depth of 2455' at 7:00 a.m. 1764' " 4 1/2°

2262' " 11°

August 23, 1983 - Drilling depth of 2744' at 7:00 a.m. 2386' " 12 1/2°

August 24, 1983 - Drilling depth of 2922' at 7:00 a.m. 2510' " 14°

August 25, 1983 - Drilling depth of 3140' at 7:00 a.m. 2603' " 14°

2729' " 14 1/4°

2821' " 14 1/4°

Survey: 2937' deviated 11 1/4°

True Vertical Depth

TOPEKA 2815' 2793' or -935'

HEEBNER 3027' 3001' or -1143'

TORONTO 3056' 3030' or -1172'

LANSING 3076' 3050' or -1192'

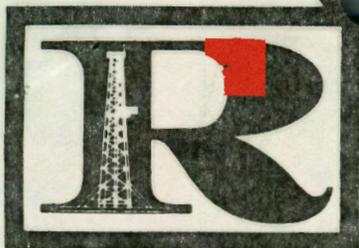
August 26, 1983 - Drilling depth of 3420' at 7:00 a.m. Survey at 3133' deviated 11 3/4°

Rotary Total Depth 3420' " 3225' " 12 1/2°

ARBUCKLE 3375' 3343' or -1485'

August 27, 1983 - Ran 87 joints of 5 1/2" 24# Casing. Tagged bottom at 3424'. Shoe at 3423'.

Cemented with 150 sacks 50-50 Pozmix. Plug down at 6:45 a.m. on 8/27/83

**RUPE OIL COMPANY, INC.**

P.O. BOX 2273 • 438 OHIO, WICHITA, KANSAS 67201 • (316) 262-3748

UNIT "E-5"CITY of STOCKTON #3-13 - NW NE SE of Section 13-7S-18W, Rooks County, KansasCompletion by James L. Crisler, Geologist

August 27, 1983 - ROSEL ran Gamma-Ray Neutron and Caliper Log.

Rotary Total Depth 3420'.

Log Total Depth 3408'.

Ran Bit to bottom circulated  $1\frac{1}{2}$  hours then layed down pipe. Ran Halliburton Guide Shoe on 87 Joints of 'new'  $5\frac{1}{2}$ " 14# Casing (3428.53'). Tagged bottom at 3424. Set Shoe at 3423' with Centralizers at 3391', 3311', 3231', 3150' and 3070'. Circulated 20 minutes. Ran 500 Gals. Mud Flush followed by 150 sacks 50-50 Pozmix with 2% Gél, 18% Salt, 0.75% CFR-2 and 1/4# Flocele displaced with 80.5 Bbls. fresh water with (1st 10 bbls. KCL Water). Plug down at 6:45 a.m. on 8/27/83. <sup>1250#</sup>

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

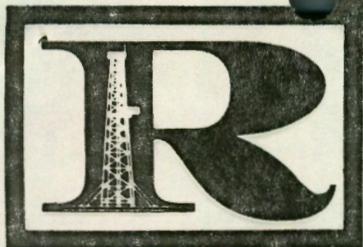
September 3, 1983 - Rigged up GALLAUGHER WELL SERVICE Rig #3.

Shut down overnight.

September 6, 1983 - ROSEL ran Gamma Ray Correlation and Cement Bond Logs from Plug Back Total Depth of 3399' to Top of Cement at 2680'. Good bond throughout Interval. Swabbed Casing to 2900'. Perf Casing from 3378' - 80' with 4 charges/foot. Swabbed dry, then 1/4 Bbl. load water next 2 hours. Halliburton pumped 100 gals. 15% Mud Clean-up Acid and displaced with 83 Bbls. KCI Water. Maximum pressure 950#, Average pressure 700#. Initial Shut In Pressure 650#, 15 minute 0. Maintained rate at 1/4 Bbl. per minute, swabbed down, then 1.2 Bbls. Oil next 30 minutes. Total out 86 Bbls., 1/2 Bbl. over load. Left open and shut down overnight.

September 7, 1983 - 400' Fillup (10 Bbls.) in 12 hours. Swabbed down, 100% Oil. Next hour 1 Bbl. Oil; 2nd hour 1 Bbl. Oil; 3rd hour--could not get below 3300' with Swab. Ran Sand Pump to solid bottom at 3250'. Apparently wiper plug came up. Ran  $2\frac{7}{8}$ " x  $2\frac{1}{4}$ " Seating Nipple on Tubing to 3414'. HALLIBURTON pumped 100 Bbls. Saltwater to wash out muddy Oil; spotted Acid on 'perfs' and displaced 6 Bbls. 15% Mud Clean-up Acid at 3/4 Bbls. per minute and 700#, Initial Shut In Pressure 650#, 10 minute 0. Total load 81 Bbls. Set Seating Nipple at 3389' on 104 joints 'new'  $2\frac{7}{8}$ " 6.5# ERW-J API Tubing (3382.24' total). Swabbed down to 3150' - 81 Bbls. with Oil % increasing to 20. Shut down overnight.

September 8, 1983 - Fluid level at 1900' (1500' - 33 Bbls. fillup overnight). Swabbed down to 3050', then 7.8 Bbls. Oil per hour for next 2 hours -- no water. Shut in, rigged down and moved out.



# RUPE OIL COMPANY, INC.

P.O. BOX 2273

438 OHIO, WICHITA, KANSAS 67201

(316) 262-3748

UNIT "E-5"

CITY of STOCKTON #3-13 - NW NE SE of Section 13-7S-18W, Rooks County, Kansas

---

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

October 5, 1983 - Rigged up GALLAUGHER WELL SERVICE - Rig #3. Pulled Tubing and Seating Nipple. Ran 2 7/8" x 3' Perf Sub; O'Bannon 2 3/8" x 2 1/4" x 12' x 14' x 17' Pump Barrel; Guiberson 2 7/8" x 5 1/2" Tubing Anchor at 35,000# Shear; and 103 joints 2 7/8" Tubing (3373.64' total). Set at 3380' with Tubing in 15,000# tension. Ran 2 1/4" x 4' Metal Plunger on 90 - 3/4" and 43 - 7/8" Norris 78-D Sucker Rods; 1 - 8' and 1 - 2' x 7/8" Pony Rods. Shut down overnight.

October 6, 1983 - Long stroked--oil to surface. Set Hypex 4" x 54" Hydraulic Cylinder. Rigged down and moved out.

Rupe Oil Co

JUN 25 1984

Production

C. O. S. 3-13  
13-75-18W  
Rooks Co, Kansas

6-19-84: RU Pfeifer Well Ser. Pulled  
Hypex Cylinder & rod. S DON.

6-20-84: Pulled 2' x 7/8" pony rod.  
Ran 6' x 7/8" pony; 1 1/4" x 16'  
polish rod @ 1 1/2" x 8' Liner.  
Spaced out & clamped off.  
Plunger is 6' lower than Hypex  
set-up. RD & MO.

Will set Sentry 114 Unit today.

UNIT E-5'

CITY of STOCKTON #3-13 - NW NE SE of Section 13-7S-18W, Rooks County, Kansas

Bottom hole location

Rig # 19

(Straight Hole) (Directional Hole) Location is 328' West & 101' South of Bottom Hole Location) per Crisler 8/15/83

Drilling Contractor: ALDEBARAN DRILLING CO., INC. (Bobbie) Pratt (Cathy Clem) 453 S. Webb Road, Suite 100, Box 18611 Wichita, Kansas 67207 685-5372

Geologist: James L. Crisler, Wichita, Kansas 262-4874 Midwest Motel 913/425-6706 Directional Drilling Contractor: Eastman Whipstock Oklahoma City, Oklahoma

Mud: DRESSER MAGCOBAR Cement: HALLIBURTON Testing: ROSEL Loggers: ROSEL INVESTORS

7/ 7/83 PENCO ENGINEERING/Norman Owings, Plainville, Ks. 'staked and ran elevation'. ELEVATION: DeVore Doyon

8/11/83 Filed ' Intent to Drill' with State Corporation Commission. 1849' Gr. Kirkman (Hand carried by Crisler noon today) 1858' KB Laka

8/13/83 Moved in on 8/13/83 At 1:00 a.m. Iwanski

8/14/83 Set 3 Joints 13 3/8" Conductor Pipe at 96' cemented with 80 sacks Common, 3% Calcium Chloride. Plug down at 10:00 a.m. on 8/14/83 M.W.M.

8/15/83 Drlg depth 595' at 7:00 a.m. 1313 S. Maize Rd/Wichita

8/16/83 Drlg depth 1300' at 7:00 a.m. preparing to set Surface Casing Dr. Harold MAUCK 67104

8/17/83 Drlg depth Ran 32 jts. J-55 8 5/8" 24# 'new' set at 1396' cemented w/ Jay K. SCOTT 67669

(475 sacks cement) plug down at 12:15 p.m. noon 8/16/83, P.O. Box 70

(275 sacks Light Weight Cement 1/4# Flocele, 2% CC, 200 sacks Hays, Ks. 67601

Common, 3% CC. Top Anhydrite 1289' or +569'

(Had problems with cementing 'surface casing'--running behind schedule) 7:00 a.m. preparing to drill out from under 'surface'.

8/18/83 Drlg depth 1691' at 7:00 a.m. - going in the hole with 'Down Hole Motor' 2 surveys - 1449' 1 1/2

1669' 1 3/4

8/19/83 Drlg depth 1819' at 7:00 a.m. - survey at 1764' deviated 4 1/2

8/20/83 Drlg depth 1946' at 7:00 a.m. Survey

8/21/83 Drlg depth 2127' at 7:00 a.m. Shut down for Pump Repairs 2262' - 11

8/22/83 Drlg depth 2455' at 7:00 a.m. drilling ahead. 2386' - 12 1/2

8/23/83 Drlg depth 2744' at 7:00 a.m. drilling ahead. 2510' - 14

2603' = 14

8/24/83 Drlg depth 2922' at 7:00 a.m. 2729' - 14 1/2

8/25/83 Drlg depth 3140' Survey: 2937' 11 1/4 2821' - 14 1/2

8/26/83 Drlg depth 3420' Survey 3133' deviated TOPEKA 2815' 2793' or -936' True Vertical Depth

(taking survey at 7:00a.m.) 3225 " 12 1/2 HEEBNER 3027' 3001' or -1143'

Jim Crisler called in noon/ TORONTO 3056' 3080' or -1172'

LANSING 3076' 3050' or -1192' (1' low to #1 Smith)

RTD 3420' ARBUCKLE 3375' 3343' or -1485'

LTD 3408' (From 3375' to 3420 = 45' Arbuckle)

8/27/83 Ran 87 joints 5 1/2" Tagged bottom at 3424. Shoe at 3423. Cemented with 150' sacks 50-50 Pozmix. Plug down at 6:45 a.m. on 8/27/83.