



# RUPE OIL COMPANY, INC.

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

#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

Drilling Contractor: H-30 Drilling, Inc.  
Wichita, Kansas

Geologist: William G. Clement  
Wichita, Kansas

January 16, 1978 - Filed "Intent to Drill" with State Corporation Commission.  
January 24, 1978 - Drilling Contractor to move in (weather permitting) tomorrow.  
Pits dug today.  
January 25, 1978 - Drilling Contractor to move in 'rotary tools' tomorrow (weather permitting).  
January 27, 1978 - Rotary Tools moved in yesterday and will be setting 'surface casing' late today.

Set 8 5/8" at 347', cemented with 300 sacks Common cement.  
Cement did circulate. Plug was down at 3:00 a.m. on 1/28/78.

January 28, 1978 - At 7:00 a.m. - Waiting on cement.

January 29, 1978 - At 7:00 a.m. drilling at 1750'

January 30, 1978 - At 7:00 a.m. drilling at 2485'

Laughlin-Simmons elevation:

2184' Ground Level

2187' Derrick Floor

2189' Kelly Bushing (estimated)

Top of ANHYDRITE 1262' or +927'

Base of ANHYDRITE 1381' or +808'

January 31, 1978 - At 7:00 a.m. drilling at 3040'.

February 1, 1978 - At 7:00 a.m. drilling at 3465'.

Top of TARKIO 3383' or -1194'

At the Tarkio level the Well is running about 2' low to the BRITTON #1  
in Section 8-26S-18W, Edwards County, Kansas.

February 2, 1978 - At 7:00 a.m. drilling at 3915'

February 3, 1978 - At 7:00 a.m. drilling at 4300'

Top of LANSING 4116' or -1927'

At the Lansing level the Well is running 4' low to the BRITTON #1

February 4, 1978 - At 7:00 a.m. drilling at 4545'

February 5, 1978 - At 7:00 a.m. drilling at 4710', preparing to take

DRILL STEM TEST #1 from 4638' - 4710'.

Tool open 30 minutes; shut in 45 minutes; open 70 minutes; shut in 60 minutes

Gas to surface in 6 minutes; in 10 minutes 133,000 cu. ft.; in 30 minutes

93,000 cu. ft. 2nd opening: gauged 331,000 cu. ft. in 5 minutes

156,000 cu. ft. in 15 minutes,

all on 3/4" choke. On 1/2" choke stabilized at 68,800 cu. ft. in 30 minutes

Initial Shut In Pressure 1363#, Initial Flow Pressure 120# - 90#,

Final Flow Pressure 110# - 110#, Final Shut In Pressure 1303#.

Recovered 150' Gas Cut Drilling Mud.

Rotary Total Depth 4753'

Logging -- couldn't get it to go.

February 6, 1978 - Preparing to run 4 1/2" Casing.

(continued)

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#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, KansasCompletion by John J. Cecil, Jr.

February 6, 1978 - H-30 DRILLING'S Rotary Total Depth 4753'. Lost circulation twice with bit 2' off bottom. Mixed mud to viscosity 54, weight 9.2, water loss 20, Chloride 46000.

Ran bit to 4718' and circulated 1 hour. Pulled Drill Pipe and bit. ELECTRA ran logging tool to bridge at 1189', but could not spud through. Mud weight reduction from 9.8# to 9.2# has apparently caused shales to cave. Ran bit back to 4718' and circulated 1 hour. Layed down Drill Pipe. Ran HALLIBURTON Guide Shoe and Insert Float Valve in 1st Collar on 119 Joints 'new' 4½" 9.5# ERW, J-55 Valley Casing (19 joints, 736.20' K-55 Seamless) (4748.61' total). Centralizers on 1st 5 Collars and Baskets on Joints 1 and 3. Tagged bottom at 4748', set Shoe at 4744', circulated 15 minutes. HALLIBURTON pumped 10 bbls. Salt Water Flush; 100 sacks 50-50 Pozmix with 10% Salt, 0.75% CFR-2, 12½# Gilsonite/sack and displaced with 76 bbls. Flush Water (1st 10 bbls. 2% KCL Water). Did not run roto-wall cleaners, but did rotate pipe during cement displacement. Good returns during cement job, plug down and float held at 2:15 p.m. on 2/7/78.

February 23, 1978 - Rigged up ELECTRA, INC. with Portable Mast. Could not get below 4688'. Plug Back Total Depth should be 4705', apparently Wiper Plug came up or excessive amount of heavy mud or cement tailings in bottom.

Ran GAMMA RAY NEUTRON from 4688' to 2500'. Will run DUAL-NEUTRON & COLLAR LOG to bottom after clean out with bailer and Sand Pump--then tie-in to existing log. Shut down to wait on rig.

Waiting on Drill-In Unit.

March 13, 1978 - Rigged up CLARKE WELL SERVICE Unit. Ran Sand Pump to clean out to Plug Back Total Depth.

Rigged up ELECTRA, INC. and ran GAMMA-RAY; DUAL NEUTRON; SCATTERED GAMMA-BOND & COLLAR LOGS from Plug Back Total Depth of 4710'

Top of Cement 4154'.

Shut down overnight.

March 14, 1978 - Swabbed Casing to 4300'.

ELECTRA, INC. perforated "Mississippi Chert" from 4690'-96' with 2 DP/ft. Swabbed dry (est. 6 bbls. water). Ran 1 Joint Tailpipe; 1 25/32" Seating Nipple; 147 Joints 'new' Valley 2 3/8" 4.7# EU, ERW-55 Tubing plus 22' Subs (4695.88' total), tagged Plug Back Total Depth at 4704', Kelly Bushing. Set at 4697'. Ran Swab--no fillup. Shut-in with vacuum on Casing and Tubing.

March 15, 1978 - Casing Pressure too small to measure, Tubing still on vacuum. HALLIBURTON pumped SCF N<sub>2</sub> in Annulus to clean hole (½ bbl. water with trace of oil); pumped 1 bbl. Acid to spot on Perfs. Pulled 20' Tubing Subs--now at 4677'. Pumped 65000 SCF N<sub>2</sub> to attain Bottom Hole Tubing Pressure (Casing Pressure = 2200#); 450 gals. 15% Mud Clean Up Acid with HC-2 plus 500 SCF N<sub>2</sub>/Bbl. and displaced with 35,000 SCF N<sub>2</sub>; dropped 12 balls. Rate at 3 bbls. per minute (Acid) with maximum pressure 2400#. Initial Shut In Pressure, Acid 1800#; Initial Shut In Pressure, N<sub>2</sub> 2200#. Some ball action during displacement. Total load 12 bbls. Acid plus 106,000 SCF N<sub>2</sub>. 15 minute Shut In Casing Pressure and Shut In Tubing Pressure 2050#, opened through 3/8" choke, in 1 hour Casing Pressure = 140#, Tubing Pressure = 0, unloaded est. 2 bbls. Acid Water in mist. Swabbed 2 bbls. Acid Water in 3 hours, Casing Pressure dropped to 80#. Total out 4 bbls, 8 bbls. under load. Left open to pit and Shut down overnight.

March 16, 1978 - Casing Pressure 175#, slight blow on Tubing, 600' fillup. Swabbed dry, then 1/4 bbls. per hour with Casing Pressure = 65#, total out estimated 14.2 bbls., 2 bbls. over load. Specific Gravity 1.085, possible some load water with formation water and water/oil emulsion, estimate 10% oil. Left open to pit and shut down overnight.

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#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

Completion by John J. Cecil, Jr.

- March 17, 1978 - Casing Pressure 160#, 600' fillup. Swabbed dry, estimate 9 bbls. water with 10% oil, Casing Pressure dropped to 65#. Released Rig at 10:30 a.m.  
4:00 p.m. - HALLIBURTON pumped in Casing and Tubing:  
1000 gals. gelled Salt Water Pad; 1000 gals. wf 1/2 ppg 20/40 Sand; 2000 gals. wf 3/4 ppg; 5000 gals. with 1 ppg; 4000 gals. with 1 1/4 ppg; 3000 gals. with 1 ppg 10/20 Sand; 1000 gals. Flush, All with 610 SCF N<sub>2</sub>/bbl. and 5% 20/40 Glass Beads throughout All Sand. Displaced with 80,300 SCF N<sub>2</sub>. Rate maintained at 12 bbls. per minute (liquid), equivalent rate 19 bbls. per minute. Maximum and average pressure 3000#. Initial Shut In Pressure (liquid) 1950#; Initial Shut In Pressure (N<sub>2</sub>) 2150#. 15 minute Shut In Pressure 1875#; 60 minute Shut In Pressure 1625#. Opened on 1/4" to 3/8" choke after 120 minutes. Total Load: 17,000 gals. Gelled Mississippi Salt Water; 12,000# 20/40 Sand; 3,000# 10/20 Sand; 750# 20/40 Glass Beads and 329,100 SCF N<sub>2</sub>.
- March 18, 1978 - After 15 hours estimate 6 bbls. Load Water per Hour with Casing Pressure 1350#, after 20 hours Tubing slight blow-logged off with Casing Pressure 1350#. Estimate total out 110 bbls, 300 bbls. under load. Shut-in, will manifold Casing and Tubing to rock and equalize on 3/20/78.
- March 20, 1978 - Casing Pressure 1350#, Tubing Pressure 840#. Manifolded Casing and Tubing, opened Tubing on 3/8" choke--unloaded estimate 5 bbls. Water then strong blow decreasing to zero in 30 minutes with Casing Pressure steady at 1325#. Equalized Tubing and Casing at 1180# and opened Casing on 3/8" choke. After 1 1/2 hours Casing Pressure zero, Tubing Pressure 980#, surging to pit. Left Casing open on 3/8" choke.
- March 21, 1978 - Casing Pressure zero, Tubing Pressure 1010#, no blow. Equalized at 500# and opened Tubing to pit. After 1 hour Casing Pressure = 500#, Tubing Pressure zero with very slight blow. Shut in.
- March 28, 1978 - Rigged up CLARKE WELL SERVICE UNIT. Shut In Casing Pressure 520#, Shut In Tubing Pressure 200#, blew Tubing down. Swabbed 30 bbls. Water per hour (gassy load water). Total out since 'frac' estimated 230 bbls. Casing Pressure 530#, 170 bbls. under load.  
Shut in and shut down overnight.
- March 29, 1978 - Casing Pressure 540#, Tubing Pressure 0#. Swabbed 25 bbls. Water per hour for 7 1/2 hours. Specific Gravity 1.065 and gassy. Total out 415 bbls., 5 bbls. over load. Casing Pressure 580#. Fluid level steady at 2000'. No oil, no blow behind swab. Shut down overnight.
- March 30, 1978 - Casing Pressure 580#, Tubing Pressure 20#, gas in Casing non-flammable --still N<sub>2</sub> from 'frac', gas in Tubing flammable--blew down in 2 minutes. Pulled and layed down Tubing. Swedged up and shut-in. Moved rig.



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#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

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

- January 25, 1979 - Rigged up CLARKE WELL SERVICE Unit. Shut down overnight.
- January 26, 1979 - WELEX perforated from 4651' - 58' with 1 DP/foot.  
Ran BAKER Lokset Packer (Bull-plugged) with On-Off Tool for Retrievable Bridging Plug; 1 joint Tubing; BAKER Model 'R' Packer; Seating Nipple and 77 joints of new 2 3/8" EU Tubing.  
Shut in and shut down overnight.
- January 29, 1979 - Casing Pressure 0, slight pressure on Tubing. Ran total of 159 joints Tubing to tag Plug Back Total Depth at 4697'. Set Retrievable Bridging Plug at 4672', could not get Model 'R' Packer to set. Set Tubing at 4654'. Rigged up to swab and shut down overnight.
- January 30, 1979 Spent 3 1/2 hours starting Rig and thawing air lines, 2 hours to get swab started--ice and scale in Tubing. Fluid level at 1500'. Swabbed down to 2400' with estimated recovery of 16 bbls. Water, Casing on vacuum. Left Tubing open and shut down overnight.
- January 31, 1979 Spent four (4) hours working on, starting and thawing out Rig. Fluid level at 2200' with slight pressure on Casing. Swabbed down to 4000' when lost circulation material hung swab from falling. Worked through and swabbed down to 4300'. Left Tubing open and shut down overnight.
- February 1, 1979 Slight pressure on Casing, too small to measure. Tubing dead. Attempted to set Packer, but could not. Lowered Tubing to 4658'. HALLIBURTON pumped 22,000 SCF N<sub>2</sub> in annulus to unload estimated 11 bbls. Water and to blow hole dry. Pumped in Tubing: 1 bbl 15% Mud Cleanup Acid to spot on perfs; 53,000 SCF N<sub>2</sub> to attain Bottom Hole Tubing Pressure (Casing Pressure increased to 2800# and break to 2300# at 1500 SCF per minute rate); 23 bbls. 15% Mud Cleanup Acid at 2 bbls. per minute with 500 SCF N<sub>2</sub> PB; pumped 6 balls but no preassure increase. Displaced with 13000 SCF N<sub>2</sub> at 1500 SCF per minute. Maximum pressure 2800#, Initial Shut In Pressure, Acid 1700#, Initial Shut In Pressure N<sub>2</sub>, 2400#. 60 minutes Shut In Casing Pressure 2175, Shut In Tubing Pressure 2150#. Opened Tubing on 3/8" Choke, after 90 minutes, Casing Pressure 370#, Tubing Pressure 0, estimated flow of 50 MCF/per day, flammable. Left open and shut down overnight.
- February 2, 1979 Flowing estimated 20 MCF/per day, Casing Pressure 960#. Swabbed est. 12 bbls. Water, Specific Gravity 1.120, PH 5, when Tubing kicked off. After 45 minutes Flowing Casing Pressure = 80# with Tubing Flow estimate at 60 MCF/per day. Swabbed 1/5 bbl. Water (1 hour fillup). Left Tubing flowing estimate 60 MCF/per day with Flowing Casing Pressure 80#. Shut down overnight.
- February 3, 1979 Flowing estimated 50 MCF/per day, Casing Pressure 275#. After 45 minutes Tubing unloaded 1/4 bbls. Water. Swabbed 1 bbl. Water with drop in Casing Pressure to 110# in 45 minutes, after 2 hours Casing Pressure increased to 190#, swabbed 1/2 bbls. water. Total out since Acid Job estimate 20 bbls, 4 under load. Specific Gravity 1.120, Ph 5. (Not same water as tested from Lower Zone. From 4690' - 96' Water Specific Gravity 1.065). Could be mostly spent acid water. Left Tubing open, flowing estimated 80 MCF/per day, Casing Pressure 170#.
- February 5, 1979 Casing Pressure 175#, estimated Tubing Flow of 40 MCF/per day. After 1 hour Casing Pressure increased to 210#, gauged Tubing Flow from 98 to 124 MCF/per day. Swabbed 1/4th bbl. Water and gauged flow from 50 to 115 MCF/per day. Pulled 153 Joints Tubing--had unscrewed and and left 3 joints and Model 'R' Packer in hole. Left open and shut down overnight.

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#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

Completion by John J. Cecil, Jr., Engineer

- February 6, 1979 - Flowing estimate 90 MCF/per day out Casing. Ran Tubing back and screwed into 154th Joint. Came off Retrievable Bridging Plug, set and released Model 'R' Packer and pulled Tubing, Seating Nipple, Packer, Tailpipe and Overshot. Left open and shut down overnight.
- February 7, 1979 - Flowing estimate 80 MCF/per day out Casing. Ran back Overshot, 1 joint Tubing, Model 'R' Packer, 2 3/8" x 10' Sub, 2 3/8" x 1 25/32" Seating Nipple and 155 Joints Tubing. Set Tubing at 4626' with Packer released at 4594'.  
HALLIBURTON pumped 35,000 SCF N<sub>2</sub> in annulus to unload estimate 12 bbls. Water. Set Packer at 4594' and pressured annulus to 1000# with N<sub>2</sub>. Pumped in Tubing: 1000 gals. 70 quality Foam Pad; 1000 gals. with 1/4 ppg. 20/40 Sand; 1000 gals. with 3/4 pounds per gallon 20/40 Sand and displaced with 22,000 SCF N<sub>2</sub> at 5500 SCF per minute, average rate was 6000 SCF N<sub>2</sub> and 3 bbls. per minute KCL Water. (10 bbls. per minute Foam rate). Maximum pressure 3500#, average pressure 3100#, Initial Shut In Pressure N<sub>2</sub> 2700#. 15 minute Shut In Tubing Pressure 2400#. Shut in and shut down overnight.
- February 8, 1979 15 hours Shut In Tubing Pressure 1950#. Opened on 3/8" Choke, after 6 hours Tubing Pressure 0, had unloaded estimate 14 bbls. Water and flowing in heads. Swabbed 2 bbls. Water--no fillup in bottom. Left open to pit, total out estimate 18 bbls', 6 bbls. under load, flowing in heads, estimate 2 bbls. per hour. Shut down overnight.
- February 9, 1979 Flowing estimate 50 MCF/per day with 1 bbl. Water per hour in Heads. Swabbed 2 bbls. Water, after 30 minutes no fillup, total out estimate 25 bbls., 1 bbl. over load. Flowing estimate 80 MCF per day. Lowered Tubing to latch on Retrievable Bridging Plug, but would not latch. Pumped 50 bbls. Water to wash over and latch on. Pulled 145 Joints Tubing and shut down overnight.
- February 10, 1979 Pulled rest of Tubing, Packer and Overshot--lost Retrievable Bridging Plug. ELECTRA tagged Retrievable Bridging Plug at 820' with Perf Gun. Ran Overshot to 820' and retrieved Retrievable Bridging Plug. ELECTRA perforated Lansing Kansas City from 4334'-40 with 1 DP/per foot. Ran Retrievable Bridging Plug, 1 Joint Tubing, Model 'R' Packer, 10' Sub, Seating Nipple and 149 Joints, set Retrievable Bridging Plug at 4436', pulled 4 Joints and set Model 'R' Packer at 4297' with Tubing at 4328'. Swabbed Tubing volume from fluid level of 1250', 12 bbls. Water then 6 bbls. Salt Water from Zone, filling up at rate of 8 bbls. per hour, Specific Gravity 1.080. Left open to pit and shut down over Sunday.



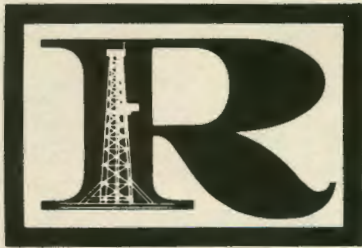
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#1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

Completion by John J. Cecil, Jr., Engineer

- February 12, 1979 - HALLIBURTON pumped 8 bbls. Salt Water to load annulus; 6 bbls. Acid to load Tubing (fluid level approximately 1500'). Released Packer and pumped Tubing volume of Acid to spot on Perfs. Breakdown pressure 1500#, treated at 1/4 bbl. per minute and 1100#, dropping to 600# (2 bbls.), 3 bbls. per minute at 1200# (20 bbls.); displaced total of 20 bbls. of 15% Mud Cleanup Acid with 18 bbls. Salt Water, Initial Shut In Pressure 300#, on vacuum in 5 minutes, after 1 hour, fluid level at 1,000'. Swabbed total of 50 bbls. with Acid gas in 2½ hours with fluid level maintained at 1600', Specific Gravity 1.125, PH 5. Ran Tubing to 4436' and latched on Retrievable Bridging Plug.  
Shut down overnight.
- February 13, 1979 - Pulled Tubing, Packer and Overshot--Missed Retrievable Bridging Plug.  
ELECTRA, INC. tagged Retrievable Bridging Plug at 1109'. Ran Overshot and Tubing to latch on, set released and pulled Tubing and Overshot--lost Retrievable Bridging Plug again.  
ELECTRA, INC. tagged at 440'. Took Overshot to Shop and shut down over night.
- February 14, 1979 - Ran Overshot and 1 Joint Tubing on Sand Line to retrieve Retrievable Bridging Plug. ELECTRA, INC. set Baker CIBP at 4440'. Ran Baker 4½" coated Lokset Packer on 90 Joints 'used' 2 3/8" 4.7# EU ERW, Duolined Tubing. Shut down overnight.
- February 5, 1979 - Too Windy to run Tubing.
- February 16, 1979 - Ran total of 132 Joints Duolined Tubing with Packer, (4256.10' total). CLARKE Water Truck pumped 60 bbls. 1% KCL Water with Anhib in annulus; set Packer at 4259', pressured annulus to 150# and shut in. Moving rig to another location.



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#1 DILLON - NE SW NE of Section 5-26S-18W, Edwards County, Kansas

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### Salt Water Disposal Well

September 27, 1982 - HALLIBURTON pumped 9 bbls. KCI Water to pressure annulus to 300#. Held good-shut in. Pumped 750 gals. 15% Fe Acid in Tubing at 2 bbls. per minute. Maximum pressure 800#, average pressure 700#, Initial Shut In Pressure 250#, on vacuum in 4 minutes. Put back in operation.

May 25, 1988 - SERVICE ACID pumped 24 bbls. 15% DS Fe Acid and displaced with 20 bbls. Saltwater. Maximum Pressure 500#. Treated with 1 bbl. per minute at 150#. Initial Shut In Pressure on vacuum.

Lse #1172 - #1 DILLON - Approx. NE SW NE of Section 5-26S-18W,

Edwards County, Kansas

Drilling Contractor: H-30 Drilling, Inc. (Milford Martin/Great Bend #316-792-4240  
Wichita, Kansas (#316-263-2043)(Merle Britting res. 684-2719)

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

~~J-Hawk Motel (Room #6)  
Greensburg, Kansas  
#316-792-2431~~

Mud: Davis

Cement: Halliburton

Gas Detector: Davis

Analytical Logging Co.  
Trailer Mounted  
Bill Higgins  
INVESTORS

1/16/78 Filed 'Intent to Drill' with State Corporation Commission today. ROCO, Inc. or Jim Liddell  
Ordered 'elevation' and elevation run' by Laughlin-Simmons & Company.

1/18/78 Clement called H-30/Britting says will move in on 1/25/78

1/23/78 Milford Martin/H-30 Great Bend called for 'new' location on above Well/  
Faye called him back advising per GNR re-staked by John Cecil after  
Marlan Graves County Engineer had staked SW NE 5-26S-18W,  
new location being - 330' East & 330' North/ready to dig pits.

H-30 will dig pits tomorrow (Tuesday) per Milford Martin.

Faye ordered 'elevation' by Laughlin-Simmons (been a death in Engineer's  
family--Pat couldn't say for sure when they would be running elevation,  
but would be this week.

1/25/78 Milford Martin/H-30/Great Bend called/asking for mud, cement companies

Will be moving in tomorrow. Will contact Clement at Ellsworth, Kansas/  
11:20 a.m. Merle Britting called/got pits dug yesterday.

1/27/78 9:45 a.m. Merle Britting called/moved rig in yesterday (had 70' mile move)

Break tour today--set surface pipe this evening/

1/30/78 9:30 a.m. Merle Britting called/broke tour Friday (1/27/78) set 8 5/8" at 347', cemented  
with 300 sacks common Halliburton cement. Cement did circulate.

Plug down at 3:00 a.m. on Sat. (1/28/78).

On Sat. 1/28/78 @ 7:00 a.m. - waiting on cement.

on Sun. 1/29/78 @ 7:00 a.m. drlg at 1750' Top ANHYDRITE 1262' or +927'  
Base ANHYDRITE 1381' or +808'

On Mon. 1/30/78 at 7:00 a.m. drlg at 2485'

Took 'slope test' at 1910' - 3/4 of 1 degree.  
10:00 a.m. Clement called for elevation  
Laughlin-Simmons elevation:

2184' Ground level  
2187' Derrick Floor  
Est. 2189' Kelly Bushing (Clement)

1/31/78 9:30 a.m. Merle Britting called/drlg 3040' @ 7:00 a.m.

2/ 1/78 9:45 a.m. - Merle Britting called/ drlg at 3465' at 7:00 a.m.

9:40 a.m. - Keith Doll/H-30 called in collect/Clement talked/

TARKIO 3383' or -1194'

Clement advised Well running about 2' low to #1 BRITTON.

2/2/78 9:45 a.m. - Merle Britting called/drlg at 3915' at 7:00 a.m.

4:20 p.m. - Clement left to go home/then on out on Well this evening/in hr. or so.

2/3/78 9:45 a.m. - Merle Britting called/drlg at 4300' at 7:00 a.m.

1:00 p.m. - Clement called in/drlg at 4368' at 12:00 noon.

Clement is expecting  
Mississippi early in the morning.  
around 4661'

#1172 - #1 DILLON - Approx. NE SW NE of Section 5-26S-18W, Edwards County, Kansas

1978

2/4/78 Drlg at 4545' at 7:00 a.m.

2/5/78 Drlg at 4710' at 7:00 a.m. preparing to take DST #1

2/6/78 8:30 a.m. Clement called in from Greensburg/Clement called CONTINENTAL twice over weekend.  
Drlg at 4748' this morning

Total Depth will be 4753', then log. Anticipate will log at 11:30 a.m.

Top MISSISSIPPI 4668' -2479'

Top KIND ERHOOK SHALE 4703 -2514'

Took DRILL STEM TEST #1 from 4638' - 4710' 30-45-70-60

2514'

Gas to surface in 6 minutes

133,000 cu.ft. in 10 minutes

93,000 " 30 minutes.

2nd opening:

331,000 " 5 minutes.

156,000 " 15 minutes - all on 3/4" choke.

On 1/2" choke stabilized at 68,8 thousand cu. ft. in 30 minutes.

ISIP 1363#, IF 120# - 90#, FF 110# - 110#, FSIP 1303#

Recovered 150' gas cut drilling mud.

2/7/78 9:20 a.m. Merle Britting called/RTD 4753' - Lost Circulation.

Logging -- couldn't get ~~to log~~ it to go.

Preparing to run 4 1/2" Casing.

S N O W I N G