

KANSAS

FORM CP-3  
Rev. 11-3-80

STATE CORPORATION COMMISSION

CONSERVATION DIVISION AGENT REPORT

API Number 15-171-~~20-201~~ 20203-0000 ✓ Kcc ap

245 North Water  
Wichita, KS 67202

Operator's Full Name Resources Investment Corp.

Complete Address 3500 Anaconda Tower, 555-17<sup>th</sup> Denver, Colo.

Lease Name North Brookover Cattle Co. Well No. # 1

Location C-NW-SE. Sec. 18 Twp. 17 Rge. 31 (East) (West)

County Scott Total Depth 4320.140.40

Abandoned Oil Well  Gas Well  Input Well  SWD Well  D & A

Other well as hereafter indicated \_\_\_\_\_

Plugging Contractor Reins + Williamson Oil Co Inc.

Address 220 W. Douglas, Wichita, KS License No. \_\_\_\_\_

Operation Completed: Hour 10:00 <sup>PM</sup> Day 19 Month Feb Year 1981

The above well was plugged as follows:

KB. 2966. DT. 1900. SP. 327' of 8 5/8" cwc.  
Pumped down drillstem.  
70 ss cwc. 50% Poz 6% Gel @ 1150'  
20 " 300' Built Bridge To 40'  
10 " 40' 70.  
5. " 1m Rathole

By Halliburton

RECEIVED  
CORPORATION COMMISSION

FEB 27 1981

I hereby certify that the above well was plugged as hereby stated.

INVOICED

DATE 3-13-81  
INV. NO. 4933W

Signed: Julius D. Rathbone  
Conservation Division Agent

CONSERVATION DIVISION  
Wichita, Kansas

15-171-20203-00-00

WELL REPORT

RESOURCES INVESTMENT CORPORATION

#1 NORTH BROOKOVER CATTLE COMPANY

C NW SE Section 18-17S-31W  
Scott County, Kansas

RECEIVED  
STATE DEPARTMENT OF  
MAR - 6 1981  
CONSERVATION DIVISION  
Wichita, Kansas

15-171-20203-00-00

OPERATOR: Resources Investment Corporation

LEASE AND NUMBER: #1 North Brookover Cattle Company  
Cattle #

LOCATION: C-NW-SE Section 18-17S-31W, Scott County, Kansas

ELEVATION: G.L. 2961, K.B. 2966

CONTRACTOR: Raines & Williamson

SPUDED: 6:30 p.m. on 2-12-81

SURFACE CASING: 327' of 8 5/8"

MUD PROGRAM: Davis, native mud to 3500', salt mud thereafter

SAMPLES: 30' samples 2700-3200', 10' samples thereafter

TOTAL DEPTH: Driller - 4320', Logger - 4317'

LOGGING PROGRAM: DIL-LG, CDN-G-C

GEOLOGIST: Ed Grubb, RIC

WELL STATUS: D&A, February 20, 1981

1/5-171-20203-00-00

DRILLING SUMMARY

February 12 Spudded at 6:30 PM

February 13 Drilled to 381' and ran 8 jts of 8 5/8", 23# surface casing

February 14 Drilled to depth 1809' (1428') TFNB, WOC & NU BOPE

February 15 DTD 2689' (880') TFNB

February 16 Drlg 3305' (616')

February 17 DTD 4065' (760') TOH for DST #1

February 18 DST #1: 3984-4065', Lansing B, C & D zones  
IF: 30" w/strong blow to btm of bkt. 83-281  
ISI: 60" 1048  
FF: 60" w/strong blow to btm of bkt. 354-624  
FSIP: 120" 1048  
IH: 1920 FH: 1816  
Rec: 1426' Muddy SW

February 19 DTD 4320', Logged, Circ & cond.

February 20 Set cmt plugs, 70 sx at 1150', 20 sx at 300', 10 sx at 40',  
5 sx in rat hole, D&A.

15-171-20203-00-00

FORMATION TOPS

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>DRILLING TIME TOPS</u>
Base Anhydrite	2330	2340
Heebner	3912	3912
Toronto	3930	3935
Lansing "A"	3953	3950
"B"	3992	3987
"C"	4006	4006
"D"	4036	4034
"F"	4140	4140
"G"	4152	4154
"H"	4186	4183
"I"	4210	4208
"J"	4246	4245

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SAMPLE DESCRIPTION

- 2700-2800' (100') Red beds w/str gr lmy sh, glauconitic gray ms. Str wh ls, chky, sub ang clear to light br ss.
- 2810-2920' (110') Same basic description as above, but content of gr sh is increasing.
- 2930-3400' (470') Red beds & gr sh w/str of chky lm throughout some gray to red mud stone w/pyrite, becoming more predominate towards 3000'.
- 3410-3480' (70') 60% gr lmy sh, mud stone, str lm, x'ln to coarse x'ln white to buff.
- 3490-3530' (40') Sandy lm w/x'ln & sub x'ln lm w/str of chky wh lm. Bright min. flour, no cut, some porosity.
- 3540-3610' (70') 60% gr lmy sh increasing towards 3570 w/str wh lm, chky, less min. flour.
- 3620-3650' (30') Predominately wh, chky, lm, gr lmy sh, some min. flour.
- 3660-3710' (50') Gr sh, dark gr sh, w/str white chky lm.
- 3720-3870' (80') 50/50 gr lmy sh & wh, chky, sub x'ln lm.
- 3880-3940' (60') 85% gr to sh, chky, x'ln lm. Several cuttings of black carbonaceous sh evident toward 3940.
- 3950-3960' (10') Gray to blk carbonaceous sh, little x'ln lm, Heebner top coming in.
- 3970-4050' (80') 80% wh, chky, lm w/crinoids, x'ln to sub x'ln, str gr lmy sh, no visible porosity
- 4060-4065' (5') Same description, but sub x'ln lm beginning to show some porosity, dull flour along with mineral flour, good odor of oil & gas, slow cut. Circ for btms up.
- Circ Sample  
No. 1 (15 min): Coarse sub x'ln lm, slow cut, milky, some stain, possible oil flecks, str odor
- Circ Sample  
No. 2 (30 min): Same description as above
- Circ Sample  
No. 3 (45 min): Same description as above
- Circ Sample  
No. 4 (60 min): Same description as above, but lm becoming oolitic

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Ran DST No. 1.

- 4065-4100' (35') Mostly red beds and gr sh. Probably lag samples due to heavier and more viscous mud.
- 4110-4140' (30') 75% white to br oolitic lm, no flour or cut, no odor.
- 4150-4260' (110') X'ln to sub x'ln lm, wh to br, some chky str and lmy gr sh
- 4260-4320' (60') 95% x'ln, gr to buff, wh, chky lm, no visible porosity, no cut.