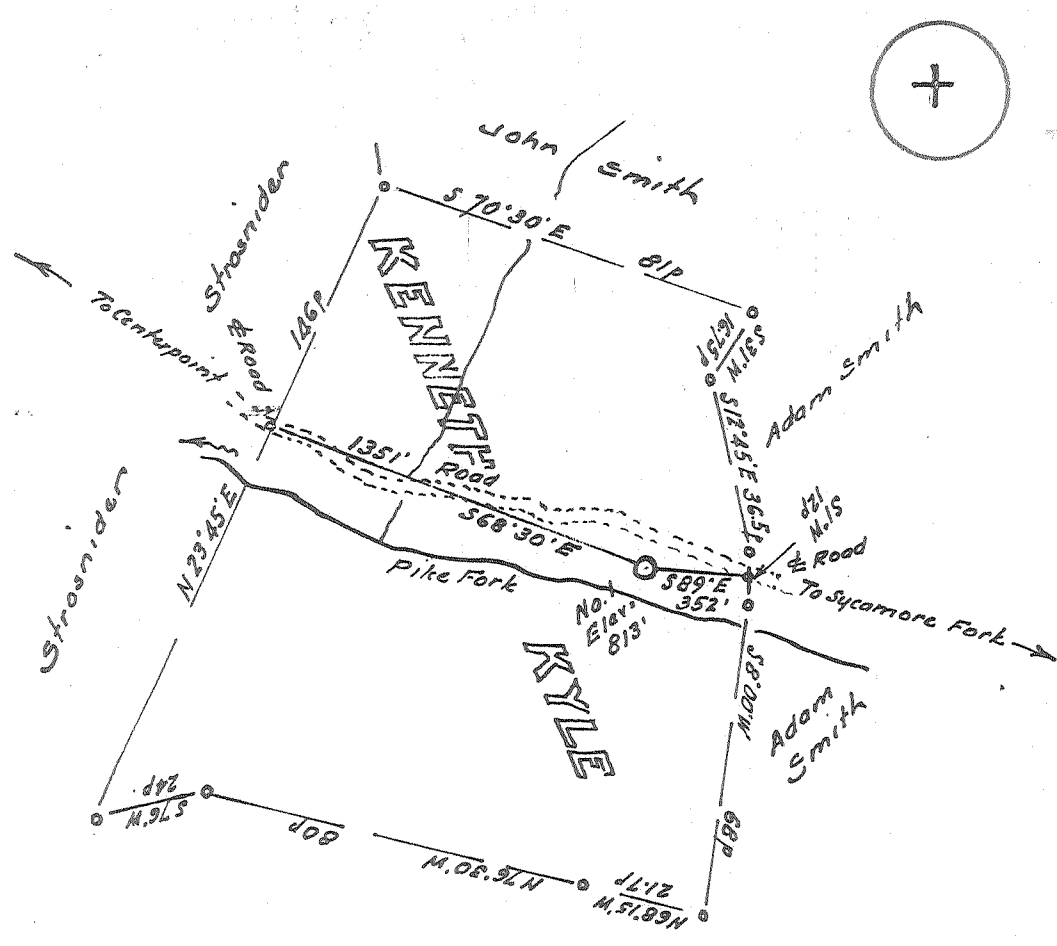


5/16/72CEL

PL 0000 Log Card GSD Mflm 1 2 3 LATITUDE 39 ° 25 ' LONGITUDE 80 ° 35 '



Minimum Error of Closure 1 in 200'
 Source of Elevation B.M. at Centerpoint - 790'

Fracture.....
 New Location.....
 Drill Deeper.....
 Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: W. H. Hester
 Squares: N S E W

Company McRain Petroleum Co.
 Address Buckhannon, W. Va.
 Farm Kenneth Kile
 Tract _____ Acres 80.5 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 813
 Quadrangle Centerpoint
 County Doddridge District McClellan
 Engineer W. H. Hester
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date April 8, 1972 Scale 1" = 40' = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. DGD-1672

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

TRASCO

6-6

Smithton-Flint-Sedalia (99) MAY 22 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

AFFIDAVIT OF FLOODING

WELL RECORD

Rotary _____ Oil _____
Cable X Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Center Point N. E.

Permit No. DOD-1672

Company McRain Petroleum Co., Inc.
Address Box 265 Buckhannon, W. Va. 26201
Farm Kenneth Kile Acres 80.25
Location (waters) Pike Fork
Well No. 1 Elev. 813
District McClellan County Doddridge
The surface of tract is owned in fee by Gary Swiger
Address Center Point, West Virginia
Mineral rights are owned by Kenneth Kile
Address Cincinnati, Ohio
Drilling Commenced May 17, 1972
Drilling Completed June 13, 1972
Initial open flow not taken cu. ft. _____ bbls.
Final production 1,103 M cu. ft. per day _____ bbls.
Well open 8 hrs. before test _____ RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 13-10" | 16' | none | 70 Sks. |
| 9 5/8 | 216'6" | 216'6" | |
| 8 5/8 | 1222 | none | |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 1834 | 1834 | 60 Sks. |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Well treatment details: Attach copy of cementing record.
Fractured by Halliburton June 19, 1972 with 45,500 # sand, 1000 barrels water
33 b/m @ 2550 PSI

Coal was encountered at none Feet _____ Inches _____
Fresh water 20-35 Feet _____ Salt Water 1300 Feet _____
Producing Sand Big Injun Depth 1758-1826

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|-----------------|
| Top Soil | | | 0 | 2 | | |
| Sand | | | 2 | 10 | | |
| Blue Clay | | | 10 | 20 | | |
| Sand | | | 20 | 35 | | Water-hole full |
| Lime Shells | | | 35 | 96 | | |
| Sand | | | 96 | 120 | | |
| Slate Shells | | | 120 | 154 | | |
| Sand | | | 154 | 164 | | |
| Slate Shells | | | 164 | 185 | | |
| Red Rock | | | 185 | 209 | | |
| Slate | | | 209 | 215 | | |
| Lime | | | 215 | 295 | | |
| Slate | | | 295 | 384 | | |
| Lime | | | 384 | 401 | | |
| Slate | | | 401 | 438 | | |
| Sand | | | 438 | 481 | | |
| Slate | | | 481 | 561 | | |
| Lime | | | 561 | 585 | | |
| Slate | | | 585 | 624 | | |
| Red Rock | | | 624 | 650 | | |
| Slate Shells | | | 650 | 705 | | |

(over)

* Indicates Electric Log tops in the remarks section.

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-------------------|-------|--------------|----------|-------------|-------------------|----------------------|
| Lime-Sand-Hard | | | 705 | 745 | | |
| Red Rock Lime | | | 745 | 782 | | |
| Slate-Line | | | 782 | 810 | | |
| Sand | | | 810 | 820 | | |
| Slate Lime Shells | | | 820 | 856 | | |
| Sand | | | 856 | 870 | | |
| Slate | | | 870 | 915 | | |
| Red Rock | | | 915 | 920 | | |
| Lime-Slate | | | 920 | 995 | | |
| Sand | | | 995 | 1045 | | |
| B. Slate | | | 1045 | 1125 | | |
| Sand | | | 1125 | 1185 | | |
| B. Slate | | | 1185 | 1285 | | |
| Sand | | | 1285 | 1340 | | |
| Black Slate | | | 1340 | 1380 | | |
| Sand | | | 1380 | 1420 | | |
| Slate-Lime | | | 1420 | 1480 | | |
| Sand | | | 1480 | 1520 | | |
| Slate | | | 1520 | 1525 | | |
| Sand | | | 1525 | 1545 | | |
| Slate Shell | | | 1545 | 1591 | | |
| Red Rock | | | 1591 | 1610 | | |
| Slate-Sharp Lime | | | 1610 | 1645 | | |
| Lime | | | 1645 | 1655 | | |
| Slate Shells | | | 1655 | 1670 | | |
| Big Lime | | | 1670 | 1753 | | 1696* |
| <u>Big Injun</u> | | | 1753 | 1805 | Gas & Oil | 1773-1789 1758*-1826 |
| Slate | | | 1805 | 1810 | | |
| Sand | | | 1810 | 1866 | | |
| TD Driller | | | 1866 | | | |
| TD Log | | | 1884 | | | |

Date June 23, 19 72

APPROVED _____, Owner
 By Stephen E. Rain
 (Title) Vice-president



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 15 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE May 15, 1972

Surface Owner Gary Swiger

Company McRain Petroleum Co., Inc.

Address Center Point, West Virginia

Address P. O. Box 265 Buckhannon, W. Va.

Mineral Owner Kenneth Kile

Farm Kenneth Kile Acres 80.25

Address Cincinnati, Ohio 45237

Location (waters) Pike Fork

Coal Owner Virginia A. Tetrick, et al

Well No. 1 Elevation 813

Address P. O. Box 267 Clarksburg, W. Va.

District McClellan County Doddridge

Coal Operator _____

Quadrangle Center Point N. E.

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-15-72.

Robert K. Todd

Deputy Director Oil & Gas Division

INSPECTOR TO BE NOTIFIED Bill Blosser
Colfax, W. Va. PH: 363-9105

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 21, 1972 by Kenneth Kile made to McRain Petroleum Co., Inc. and recorded on the 18th day of April 1972, in Doddridge County, Book 95 Page 689

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address May 15 day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, *Stephen E. Raines*
(Sign Name) McRain Petroleum Co., Inc.
Well Operator

Address _____
of _____
Well Operator _____
Route 3 Box 304A
Street
Buckhannon,
City or Town
West Virginia 26201
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

CASH DEPOSIT
HELD BY TREASURER

DOD-1672

PERMIT NUMBER

Summary

