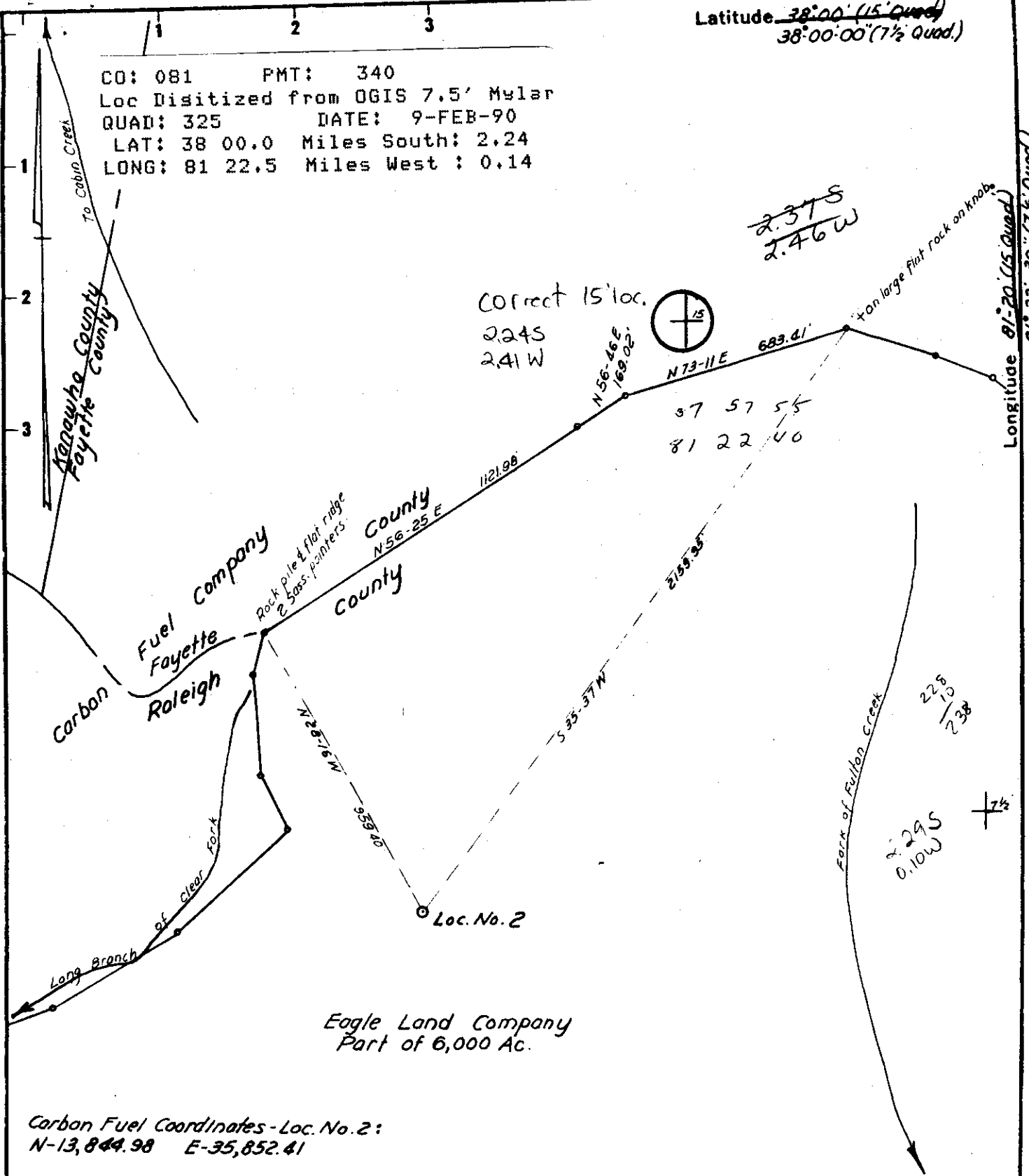


Latitude ~~38°00' (15' Quad)~~
38°00'00" (7½ Quad.)

CO: 081 PMT: 340
Loc Disitized from OGIS 7.5' Mylar
QUAD: 325 DATE: 9-FEB-90
LAT: 38 00.0 Miles South: 2.24
LONG: 81 22.5 Miles West : 0.14



Eagle Land Company
Part of 6,000 Ac.

Carbon Fuel Coordinates - Loc. No. 2:
N-13,844.98 E-35,852.41

New Location
Drill Deeper
Abandonment

Minimum Error of Closure 1 in 20,000
Source of Elevation U.S.C. & G.S. B.M. #31-SK8 = Metal disk in abutment of highway bridge across Fullon Creek. Elev. = 1231.4.
"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"

Company Ashland Oil, Inc.
Address Box 391 - Ashland, Ky. 41101
Farm Eagle Land Company
Tract _____ Acres 6,000 Lease No. 9966
Well (Farm) No. 2 Serial No. 061981
Elevation (Spirit Level) 2543.1 NC
Quadrangle Eccles-15 ~ Dorothy-7½
County Raleigh District Clear Fork
Engineer John H. Burtwell
Engineer's Registration No. 1442
File No. _____ Drawing No. _____
Date Jan. 23, 1976 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. **RAL-340**

+ 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.

47-081



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 4

Quadrangle Dorothy (7 1/2') - Eccles (15')

Permit No. Ral. 340

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

Company Ashland Oil, Inc.
Address Box 391, Ashland, Ky. 41101
Farm Eagle Land Co. Acres 6000
Location (waters) Fulton Creek of Clear Fork
Well No. #2 Ser. #061981 Elev. 2543.1
District Clear Fork County Raleigh
The surface of tract is owned in fee by _____
Eagle Land Co.
Address 1310 Kanawha Valley Bldg. Charleston
Mineral rights are owned by _____ W. Va.
_____ Address _____
Drilling Commenced 2-12-76
Drilling Completed 2-26-76
Initial open flow 1434 M cu. ft./D WHOF ~~tons~~
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test 785 RP.
Well treatment details: 63 hr. SIP

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 13 3/8	531	531	265 sks RFC
9 5/8			
8 5/8	2278	2278	330 sks 50/50 POZ 150 sks Class "A" w/3% CaCl
7			
5 1/2			
4 1/2	3665	3665	75 sks RFC
3			
2 3/8	3529	3529	hung
Liners Used			

Attach copy of cementing record. See back

Perf Weir Sand 1 hole/fr. 3575-3579, 3564-3572, 3560-3562, 3556-3558, 3513-3516, 3505-3508. Frac by Dowell thru csg w/8000# 80/100 sd, 26,000# 20/40 sd. Total 975 bbls, sd laden 793 bbls.

Coal was encountered at 520-525, 834-842 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Weir Depth 3505-16 & 3556-79

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	520		
Coal			520	525		Open mine
Sand & Shale			525	668		
Shale			668	695		
Sand & Shale			695	834		
Coal			834	842		
Shale			842	858		
Sand			858	902		
Shale			902	950		
Sand			950	1035		
Shale & Sand			1035	1250		
Sand & Shale			1250	1430		
Shale & Sand			1430	1578		
Sand			1578	1776		Top salt sand
Sand & Shale			1776	1890		
Sand			1890	2021		
Shale & Sand			2021	2081		
Sand & Shale			2081	2172		Base salt sand
Shale			2172	2346		
Sand			2346	2425		
Shale			2425	2544		
Upper Maxton			2544	2590		
Shale and Sand			2590	2892		
Lower Maxton			2892	2970		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 January 26, 1976

Surface Owner Eagle Land Co.

Company Ashland Oil, Inc.

Address 1310 - Kanawha Valley Bldg, Charleston, W. Va.

Address Box 391, Ashland, Ky. 41101

Mineral Owner Same

Farm Eagle Land Co. Acres 6,000

Address _____

Location (waters) Fulton Creek of Clear Fork

Coal Owner Same

Well No. 2-Ser. #061981 Elevation 2543.1

Address _____

District Clear Fork County Raleigh

Coal Operator None

Quadrangle Dorothy - 7 1/2' - Eccles-15'

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 5-27-76.

Robert H. [Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Rue Schoolcraft
ADDRESS Pineville, W. Va.
PH: 732-7245

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 April 3, 1956 by Eagle Land Co. made to United Producing Co., Inc. and recorded on the 21st day of June 1956, in Raleigh County, Book 25 Page 192

XX 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 _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Martinsburg, W. Va. 26505
AC 304-296-4461

Address
of
Well Operator

Very truly yours, John H. Burtnett
(Sign Name) John H. Burtnett by [Signature]
Well Operator

Ashland Oil, Inc.
P. O. Box 391
Ashland
City or Town
Kentucky
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.

BLANKET BOND

Ral-340 PERMIT NUMBER
47-081

[Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME F. W. A. Drilling Company NAME H. H. Griffith
 ADDRESS Box 448, Elkview, W. Va. ADDRESS Box 156, Brenton, W. Va. 24818
 TELEPHONE (304) 965-3379 TELEPHONE (304) 732-6677
 ESTIMATED DEPTH OF COMPLETED WELL: 3650 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Lower Weir
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	16" 30'	30'	Circl.
13 - 10	13 3/8" 625'	625'	Circl.
9 - 5/8			
8 - 5/8	8 5/8" 2200'	2200'	Circl.
7			
5 1/2			
4 1/2	4 1/2" 3650'	3650'	As Needed
3			Perf. Top
NOTE: If hole can be drilled to 2200' without setting			Perf. Bottom
XXXX 13 3/8" @ 625', 8 5/8" will be set @ 2200' with			Perf. Top
sufficient cement to circulate into open mine with a			Perf. Bottom
basket above the open mine and grouted to surface.			

APPROXIMATE FRESH WATER DEPTHS _____ FEET Salt Sand
 SALT WATER 1598 FEET to 2173 feet
 APPROXIMATE COAL DEPTHS 583 (Abandoned Mine), 740, 785
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title