

2750'

39°47'30"

INSTRUCTIONS

1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
 2) Designate the location of the well with the symbol(+).

80°37'30"
8500'

22485

RECEIVED
 WV Division of
 Environmental Protection
 AUG 26 1996
 Permitting
 Office of Oil & Gas

+ 1.63S
 7.5 x 0.52W

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED Charles E. Harner
 TITLE OWNER

DATE July 5, 1996

OPERATORS WELL NO. 2

API WELL NO. 47-051-0830-N

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (If "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1020' est WATER SHED
 DISTRICT Liberty COUNTY Marshall
 QUADRANGLE Area EASTON 370

SURFACE OWNER Sam Cottrell ACREAGE 1.1

OIL & GAS ROYALTY OWNER List Attached LEASE ACREAGE 1.1
 LEASE NO. _____

PRODUCING FORMATION Gordon TOTAL DEPTH 2853

WELL OPERATOR Charles Harner DESIGNATED AGENT _____

ADDRESS RDS Box 195 ADDRESS _____

(Ameron W.V. 26033)

was 051 70572?

NOV 15 1996



47'30"
4404
CAMERON 5 MI.
4403
BELLTON (JUNC. U.S. 250) 6.4 MI.
4401
39°45'
80°37'30"

1.625
0.52W

40' 529 530

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1977
531000m.E

MILE

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
Unimproved dirt - - - - -



QUADRANGLE LOCATION

GLEN EASTON, W. VA.
SW/4 CAMERON 15' QUADRANGLE
N3945—W8037.5/7.5

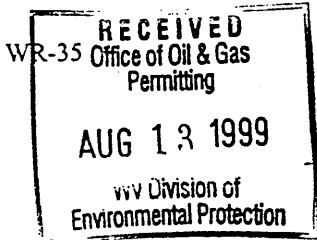
1960
PHOTOREVISED 1976
AMS 4863 I SW—SERIES V854

LITTLETON
28311 NE

051
was 70572

051830

NOV 15 1996



DATE: 18-NOV-96
API #: 47-51-00830N

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed: [Signature]

Well Operator's Report of Well Work

Farm name: Cottrell Operator Well No.: I.G. Logsdon #2

LOCATION: Elevation: 1,043.00 Quadrangle: GLEN EASTON

District: Liberty County: MARSHALL
Latitude: 8500 Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude 2750 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: _____

Company:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>HORNER'S OIL & GAS PRODUCTION</u>				
Address: <u>HC 60 BOX 318</u>	<u>6 5/8</u>	<u>1935</u>	<u>1935</u>	<u>—</u>
<u>NEW MARTINSVILLE, WV. 26155</u>	<u>5 3/16</u>	<u>2729</u>	<u>2729</u>	<u>—</u>
Agent: <u>CHARLES HORNER</u>	<u>2</u>	<u>2842</u>	<u>2842</u>	<u>—</u>
Inspector: <u>RANDAL MICK</u>				
Date Permit Issued: <u>11-18-96</u>				
Date Well Work Commenced: <u>4-18-19</u>				
Date Well Work Completed: <u>10-1-19</u>				
Verbal Plugging: <u>NONE</u>				
Date Permission granted on: <u>2-4-16</u>				
Rotary <u>(Cable)</u> Rig				
Total Depth (feet): <u>2850</u>				
Fresh Water Depth (ft.): _____				
Salt Water Depth (ft.): <u>1580 - 1770</u>				
Is coal being mined in area (N/A)? <u>NO</u>				
Coal Depths (ft.): <u>800</u>				

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2850
Gas: Initial open flow 1000 MCF/d Oil: Initial open flow 1/2 Bbl/d
Final open flow 1000 MCF/d Final open flow 1/2 Bbl/d
Time of open flow between initial and final tests NONE Hours
Static rock Pressure 10 psig (surface pressure) after 1 Hours

Second producing formation NONE Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Charles C. Horner
By: John M. Horner
Date: 8-11-99

AUG 23 1999

MARS 0830N

I G Logsdon

L. B. & Ruth Reed

Floren Schaffer

Frank V. Fair

Nile D. Richmond

OSI 830

NOV 15 1996

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 51-00830, issued to HORNER, CHARLES is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK -
304-759-0579.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: I. G. LOGSDON 2

Farm Name: COTTRELL

API Well Number : 47- 51-00830 N

Date Issued : 11/18/96

NOV 15 1996

was 7057??