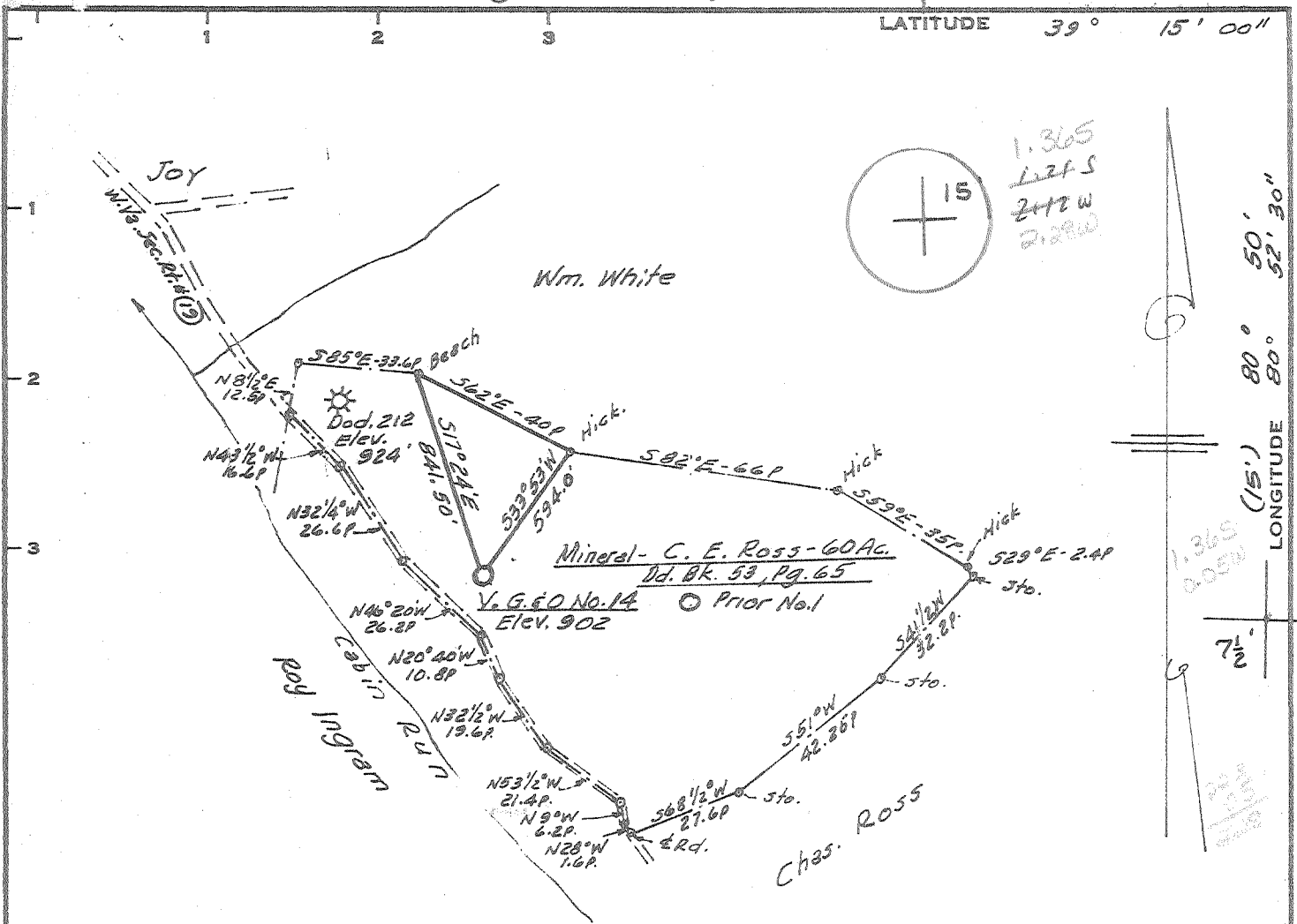


LATITUDE 39° 15' 00"



1,365  
1,275  
2,112 W  
2,280

1,365  
2,050

7 1/2'

Minimum Error of Closure 1 in 200  
 Source of Elevation Dod # 212 - Elev. 923'  
 "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."

M. E. Murray  
 L. L. S. No. 7

- New Location
- Drill Deeper
- Abandonment

Company VINSON GAS & OIL DRILLING CO., INC.  
 Address 94 Valley Street, Salem, W. Va.  
 Farm C. E. Ross  
 Tract \_\_\_\_\_ Acres 60 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. V.G.#0. No. 14  
 Elevation (Spirit Level) 923  
 Quadrangle Pullman HOLBROOK 15'  
 County Doddridge District Central  
 L. L. S. Engineer M. E. Murray  
 L. L. S. Engineer's Registration No. 7  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAY 30, 1979 Scale 1" = 40P. = 660 ft.

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

WELL LOCATION MAP  
 FILE NO. 47-017-2441

+ 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.

JUN 14 1979

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

Date 6/3/81, 19

FORM IV-35  
(Obverse)

Operator's  
Well No. WOG-2801#14

[08-78]

WELL OPERATOR'S REPORT  
OF

API Well No. 57-017-2441  
State County Per

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow )

LOCATION: Elevation: 923' Watershed: Cabin Creek  
District: Central County: Doddridge Quadrangle: Pullman

WELL OPERATOR Vinson G.&O. - W.Va. Jt.Venture DESIGNATED AGENT Thomas J. Fluharty  
Address 94 Valley St. Address same  
Salem, W. Va.

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON March, 1979

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED

Name Steve Casey

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION: Weir Depth \_\_\_\_\_ feet

Depth of completed well, 2370 feet Rotary  / Cable Tools

Water strata depth: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.

Coal seam depths: \_\_\_\_\_ Is coal being mined in the area?

Work was commenced 6/4, 1979, and completed 6/11, 1979

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11-3/4	42	X				50 sacks	Kinds
Fresh water	8-5/8	20		X	328	328	To Surface	
Coal	none							Sizes
Intermediate	none							
Production	4-1/2	10.5	X		2370	2370	150 sacks	Depths set
Tubing								
Liners								Perforations:
								Top Bottom
								2002 2006
								2026 2030
								2232.5 2237.5
								2249.5 2253.5

DEPT. OF MINES

OPEN FLOW DATA

Producing formation Big Injun 2006-30 Pay zone depth 2002-06 fee 2026-30

Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 25 Mcf/d Final open flow, 1 Bbl/d

Time of open flow between initial and final tests, 24 hours

Static rock pressure, 300 psig (surface measurement) after 24 hours shut in

[If applicable due to multiple completion--]

Second producing formation Weir Pay zone depth 2223-27 fee 2249-54

Gas: Initial open flow, 10 Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 30 Mcf/d Final open flow, \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests, 24 hours

Static rock pressure, 1200 psig (surface measurement) after 24 hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2002-2006 8 holes  
 2026-2030 4 holes  
 2233.5-2237.5 6 holes  
 2249.5-2253.5 6 holes

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Red Clay			0	5	
R.R. Sand			5	13	
R.R. Sand			13	35	
R.R. Sand			35	41	
R.R. Sand			41	45	
R.R. Sand			45	49	
Shale R.R.			49	106	
R.R. Sand			106	265	
R.R. Sand			265	278	
R.R. Shale			278	310	
Shale			310	345	
Sand			345	397	
F.F. Shale			397	420	
Shale			420	475	
Sand			475	510	
Shale			510	565	
Sand			565	710	
Shale R.R.			710	940	
Sand			940	1035	
Shale R.R.			1035	1110	
Sand			1110	1145	
Shale			1145	1190	
Sand			1190	1245	
Shale			1245	1468	
Sand			1468	1760	
Shale			1760	1850	
Sand			1850	1900	
Shale			1900	1927	
Sand			1927	1985	
Shale			1985	2020	
Line Shale			2020	2055	
Lime			2055	2090	
Sand			2090	2150	
Shale			2150	TD	

(Attach separate sheets to complete as necessary)

Vicor O&G - W. V. Jr. Ventura  
 Well Operator

By  
 Its

*[Handwritten Signature]*

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

017-2441

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. V.G. 40, No. 14

API Well No. 47 - 017 - 2441  
State County Permi

WELL TYPE: Oil  Gas

(If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow )

LOCATION: Elevation: 923 Watershed: Cabin Run

District: Central County: Doddridge Quadrangle: Pullman

WELL OPERATOR Vinson Gas & Oil Drilling Co., Inc.

Address 94 Valley Street  
Salem, W. Va. 26426

DESIGNATED AGENT Thomas J. Fluharty

Address 94 Valley Street  
Salem, W. Va., 26426

OIL & GAS ROYALTY OWNER

C. E. Ross

Address \_\_\_\_\_

Acreage \_\_\_\_\_

SURFACE OWNER Don D. & Brady De Bruler

Address \_\_\_\_\_

Acreage 60

FIELD SALE (IF MADE) TO:

Name \_\_\_\_\_

Address \_\_\_\_\_

COAL OPERATOR None in area

Address: \_\_\_\_\_

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:

Name \_\_\_\_\_

Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED

Name \_\_\_\_\_

Address \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease  / other contract \_\_\_ / dated March 7, 1979, to the undersigned well operator from Don D. De Bruler & Brady De Bruler  
[If said deed, lease, or other contract has been recorded:]

Recorded on \_\_\_\_\_, 19\_\_\_\_, in the office of the Clerk of the County Commission of \_\_\_\_\_ County, West Virginia, in Lease Book 108 at page 458. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

---planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing; or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

BLANKET BOND

Vinson Gas & Oil Drilling Co., Inc  
Well Operator

Thomas J. Fluharty

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Spencer Enterprises  
Address Smithburg, W. Va.

GEOLOGICAL TARGET FORMATION, Berea

Estimated depth of completed well, 2500 feet Rotary  Cable tools   
Approximate water strata depths: Fresh, 180 feet; salt, 1600 feet.  
Approximate coal seam depths: None Is coal being mined in the area? Yes  No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	13			<input checked="" type="checkbox"/>				Kinds
Fresh water	8"				<input checked="" type="checkbox"/>		400	To Surface
Coal								Sizes
Intermediate								
Production	4 1/2			<input checked="" type="checkbox"/>				Depths set
Tubing	3 3/8			<input checked="" type="checkbox"/>				
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well. This permit for fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the permit. **THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, this location is hereby approved for \_\_\_\_\_ . This permit shall expire if operations have not commenced by \_\_\_\_\_ .

[Signature]  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By [Signature]  
Its \_\_\_\_\_