



Minimum Error of Closure 1 Ft. in 200 Feet
 Source of Elevation B.M. Elev. 854 N.E. Cor. Pullman Topo Map

"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: 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 Chester Britton - Od G. - Edward Adams - Surf.
 Tract _____ Acres 131.5 Lease No. _____
 Well (Farm) No. V.G.O. No. 9 Serial No. _____
 Elevation (Spirit Level) 859.0 NC
 Quaurangle Pullman, HALBROOK 15'
 County Doddridge District Central
 L.L.S. M. E. MURRAY
 L.L.S. _____
 Engineer's Registration No. 7
 File No. _____ Drawing No. _____
 Date April 11, 1979 Scale 1" = 40P = 660 Feet

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

WELL LOCATION MAP
 FILE NO. 47-017-2427

+ 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.

MAY 22 1979

6-6 Greenwood (89)

108-78

WELL OPERATOR'S REPORT

OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /)
LOCATION: Elevation: 859 Watershed: Leeson Run
District: Central County: Doddridge Quadrangle: Pullman

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

PERMITTED WORK: Drill X / 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

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19__)

OIL & GAS INSPECTOR FOR THIS WORK:

Name Steve Casey

Address _____

GEOLOGICAL TARGET FORMATION: Weir Depth 2500 feet

Depth of completed well, 2000 feet Rotary ___ / Cable Tools ___

Water strata depth: Fresh, ___ feet; salt, ___ feet.

Coal seam depths: _____ Is coal being mined in the area? NO

Work was commenced 5-7, 1979, and completed 5-14, 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				
Fresh water	8-5/8		20		X	303	303	50 sacks
Coal	none							To Surface
Intermediate	none							Sizes
Production	4-1/2		10.5	X		2000	2000	150 sacks
Tubing								Depths set
Liners								Perforations:
								Top Bottom
								1912 1934

OPEN FLOW DATA

Producing formation Big Trigon Pay zone depth 1920-34 feet

Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ Bbl/d
Final open flow, 10 Mcf/d Final open flow, 4 Bbl/d

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

Static rock pressure, 350 psig (surface measurement) after 24 hours shut in
[if applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet

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 measurement) after ___ hours shut in

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

1912-1934 46 holes

WELL LOG

017-2427

FORMATION	Color	Hard or Soft	Feet		REMARKS Including indication of all fresh and salt water, coal, oil and gas
			Top	Bottom	
Red Clay			0	7	
R.R.			7	14	
Sand			14	40	
R.R.			40	45	
Sand			45	51	
R.R.			51	97	
Shale R.R.			99	195	
Sand			195	215	
R.R.			215	320	
Shale			320	375	
R.R. Shale			375	420	
Sand			420	475	
Shale			475	515	
R.R.			515	575	
Sand			575	630	
Shale			630	810	
Sand			810	915	
Shale			915	1025	
Sand			1025	1120	
Shale R.R.			1120	1215	
Sand			1215	1410	
Shale R.R.			1410	1455	
Sand			1455	1500	
Shale			1500	1545	
Sand			1545	1575	
Shale			1575	1600	
Sand			1600	1650	
Shale			1650	1675	
Sand			1675	1720	
Shale			1720	1760	
Sand			1760	1825	
Shale			1825	1860	
Line Shale			1860	1900	
Sand			1900	1920	
Line			1920	1945	
Shale			1945	TD	

(Attach separate sheets to complete as necessary)

Vinson O & C - W. Va. Ft. Venturo
Well Operator

By *[Signature]*
Its *[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.

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. V.G. & O. No. 9
API Well No. 47-017-2437
State County Permit

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

LOCATION: Elevation: 859.0 Watershed: Leeson 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. Eluharty
Address 94 Valley street
Salem, W. Va. 26426

OIL & GAS ROYALTY OWNER Chester Britton
Address Greenwood, W. Va.

COAL OPERATOR No coal operation in Area
Address _____

Acreage 131.5

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Edward Adams
Address Greenwood, W. Va.

Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:
Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address Charleburg, WV
Tele: 682-2871

OIL & GAS DIVISION
DEPT. OF MINES

MAY - 2 1979

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated Mar, 1979, to the undersigned well operator from Chester Britton

[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 _____ Book _____ at page _____. 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.
Well Operator

By Thomas J. Eluharty
Its Vice President

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 Smithsburg
W Va

GEOLOGICAL TARGET FORMATION, Berea

Estimated depth of completed well, 2500 feet Rotary Cable tools

Approximate water strata depths: Fresh, 300 feet; salt, 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"		24	<input checked="" type="checkbox"/>				Kinds
Fresh water	8"				<input checked="" type="checkbox"/>	400'	400'	400'
Coal								Sizes
Intermediate								
Production	4 1/2"			<input checked="" type="checkbox"/>			150'	Depths set
Tubing	2 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 drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 1-3-80.

The following information must be submitted 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

Its