



1.83
2.29W

Holbrook 15 min
Ellis Todd
Dd. Bk 143, Pg. 462

Edward Webb
Dd. Bk 171, Pg. 390

Surface Roy Whitehair - 24.28 Ac.
Dd. Bk 150, Pg. 18

Minerals Laura White Hrs.
Dd. Bk 51, Pg. 393

John K. DeBrular
Dd. Bk 136, Pg. 456

Dodd. # 212
Elev. 924'

★ V.G. & O. No. 14

39 14 50
80 52 30

Minimum Error of Closure 1 ft in 200 Feet
 Source of Elevation Permit # Dodd. # 212 - Elev. 924'
 "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."

- New Location
- Drill Deeper
- Abandonment

Signed: M. E. Murray
 L.L.S. No. 7
 Estimated Depth 2500 Fr. - Berea Sand
 Well Type oil & Gas Shallow Production

Company Vinson Gas & Oil Drilling Co., Inc.
 Address 94 Valley Street, Salem, W. Va.
 Farm Laura White Hrs
 Tract Acres 24.28 Lease No. _____
 Well (Farm) No. 2 Serial No. V.G. & O. No. 20
 Elevation (Spirit Level) 996 Feet
 Quadrangle Oxford 712
Halbrook 15 NC
 County Doddridge District Central
 L.L.S. M. E. Murray
 L.L.S. Registration No. 7
 File No. _____ Drawing No. _____
 Date October 24, 1980 Scale 1" = 300 Feet

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. 17-2871

+ 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.

6-6 Greenwood (89)

2500 (BEREA)

DEC 5 1980

[08-78,

WELL OPERATOR'S REPORT

Operator's Well No. #20

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 57-017-282 State County

017-2871

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production / Underground storage / Deep / Shallow X /)
LOCATION: Elevation: 996 Watershed: Cabin Run
District: Central County: Doddridge Quadrangle: Pullman

WELL OPERATOR West Virginia Joint Venture #2
Address 94 Valley St.
Salem, W. Va. 26426

DESIGNATED AGENT Thomas J. Fluharty
Address 94 Valley St.
Salem, W. Va. 26426

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 9/23, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:
Name Paul Garrett
Address

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

GEOLOGICAL TARGET FORMATION: Berea

Depth of completed well, 2546 feet Rotary X / Cable Tools

Water strata depth: Fresh, 150 feet; salt, 1355 feet.

Coal seam depths: none Is coal being mined in the area? no

Work was commenced 12/26, 19 80, and completed 1/1, 19 81

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	409.21	409.21	Kinds
Coal	none							
Intermediate	none							Sizes
Production	4-1/2		10.5	X		2520	2520	150 sacks
Tubing								Depths set
Liners								Perforations:
								Top Bottom
								2140 2150
								2164 2168
								2350 2356
								2372 2384
								2392 2398

RECEIVED

AUG - 5 1981

OPEN FLOW DATA 150 Mcf + 4 BOPD

OIL & GAS DIVISION DEPT. OF MINES

Producing formation Big Injun 2140-68 Pay zone depth 2140-2150 feet

Gas: Initial open flow, 0 Mcf/d Oil: Initial open flow, 0 Bbl/d
Final open flow, 80 Mcf/d Final open flow, 2 Bbl/d

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

Static rock pressure, 425 psig (surface measurement) after 24 hours shut in

[If applicable due to multiple completion--]

Second producing formation Weir 2350-98 Pay zone depth 2350-2356 feet

Gas: Initial open flow, 0 Mcf/d Oil: Initial open flow, 0 Bbl/d
Final open flow, 150 Mcf/d Final open flow, 4 Bbl/d

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

Static rock pressure, 625 psig (surface measurement) after 24 hours shut in

Probably total prod

AUG 17 1981

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

2140-2150 10 holes
 2164-2168 4 holes
 2350-2356 6 holes
 2372-2384 12 holes
 2392-2398 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 Rock			0	15	
Sand			15	45	
Shale			45	70	
Red Rock-Shale			70	100	
Sand			100	140	
Sand			140	175	
Shale			175	240	
Sand			240	270	
Red Rock-Shale			270	771	
Sand			771	795	
Red Rock			795	860	
Sand			860	900	
Red Rock			900	970	
Sand			970	990	
Red Rock			990	1010	
Sand			1010	1111	
Shale			1111	1130	
Sand			1130	1195	
Shale			1195	1295	
Sand			1295	1387	
Shale			1387	1415	
Sand			1415	1481	
Shale			1481	1565	
Sand			1565	1595	
Shale			1595	1605	
Sand			1605	1674	
Shale			1674	1812	
Lime			1812	1842	
Shale			1842	1900	
Sand			1900	1955	
Shale			1955	1980	
Sand			1980	2168	
Shale			2168	TD	

(Attach separate sheets to complete as necessary)

West Virginia Joint Venture #2
 Well Operator

By Thomas J. Fluharty

Its Agent

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."

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

Date: 11, 1982

08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. V.G. 40. No. 20

API Well No. 47-017-2871
State County Permi

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

LOCATION: Elevation: 996 Watershed: Cabin Run
District: Central County: _____ 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 Laura White Mrs.
Address 24.28 AC.

COAL OPERATOR None in area
Address _____

Acreage 24.28 AC.

SURFACE OWNER Ray Whitehair
Address _____

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name _____
Address _____

Acreage 24.28 AC.

FIELD SALE (IF MADE) TO:
Name _____

Name _____
Address _____

Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Barrett

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 _____, 19____, to the undersigned well operator from Panzoil Co.

[If said deed, lease, or other contract has been recorded:]

Recorded on _____, 19____, in the office of the Clerk of the County Commission of Putnam County, West Virginia, in Deed Book 109 at page 504. 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) 248-1002

Vinson Gas and Oil Drilling Co., Inc.
Well Operator

By Thomas J. Fluharty
Designated Agent

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Smith & Jones
Address Smith & Jones
Dr.

GEOLOGICAL TARGET FORMATION, Bevier

Estimated depth of completed well, 2500 feet Rotary Cable tools
Approximate water strata depths: Fresh, 300 feet; salt, 1800 feet.
Approximate coal seam depths: _____ 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	Left in well		
Conductor	8"			<input checked="" type="checkbox"/>				50 Bags	Kinds
Fresh water	8"		20	<input checked="" type="checkbox"/>		2500			
Coal								1	Sizes
Intermediate									
Production	4 1/2"		16.5			2500	<input checked="" type="checkbox"/>	Blowout	Deaths set
Tubing									
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. **THIS PERMIT MUST BE POSTED AT THE WELL SITE** if the work for which a permit is sought and Form IV-2 is filed in connection therewith.

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 7-11-81.

J. P. Arnsperger
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 _____
Its _____