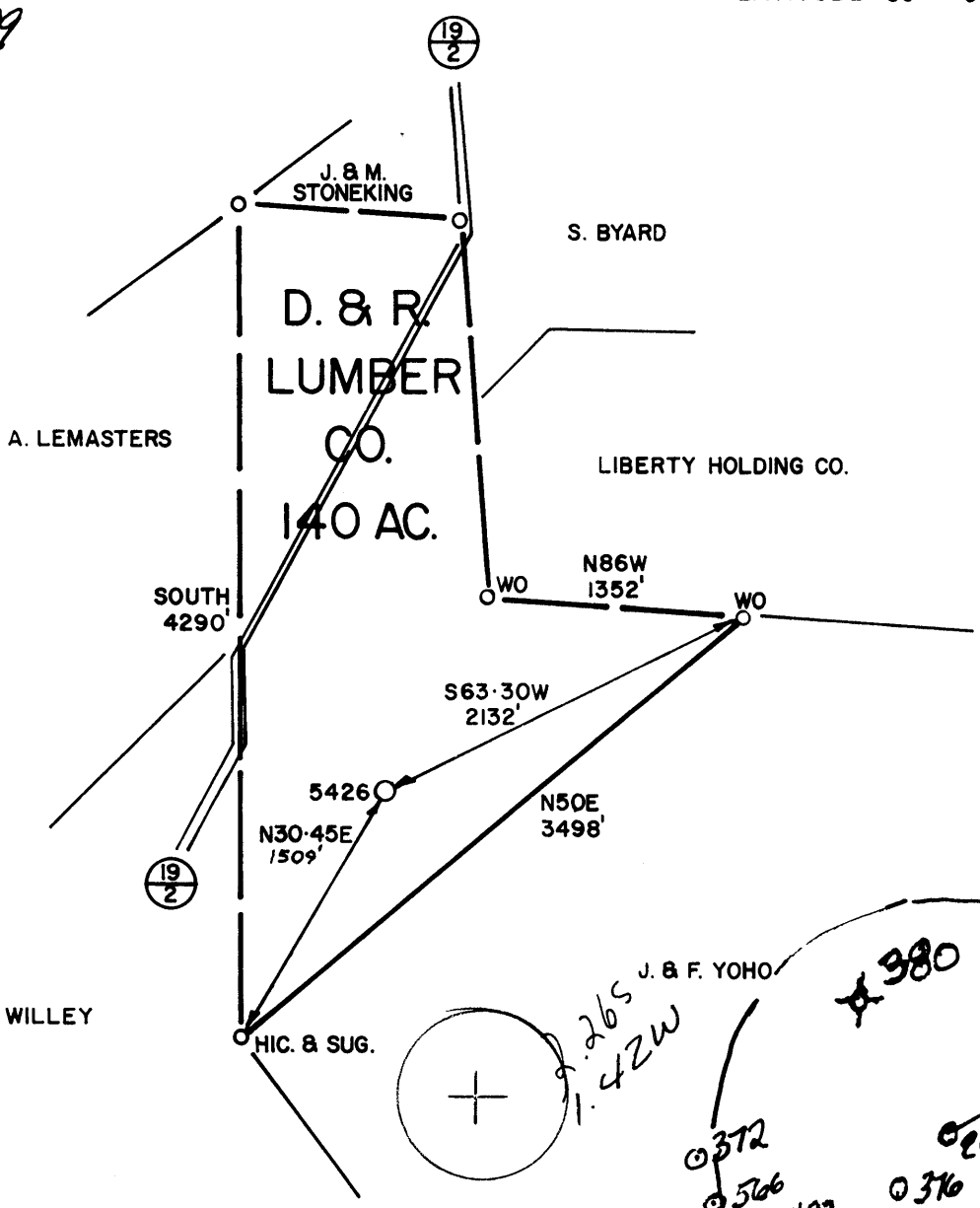


Janie 9/8/89

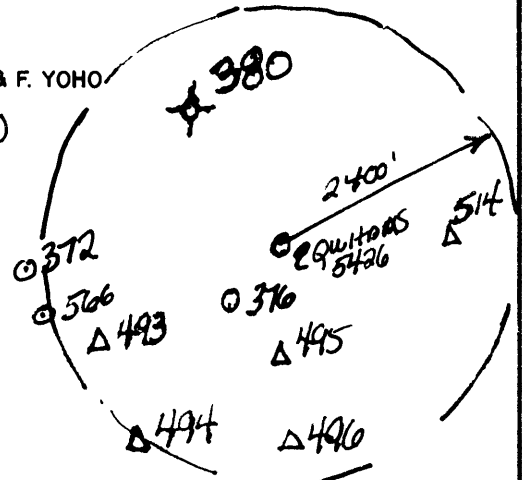
LATITUDE 39° 37' 30"

LONGITUDE 80° 32' 30"

NORTH



5.14 S
3.64 W



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION RD. FORKS
818'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) Louis A. Kapfer
R.F.E. 6302 E.L.S.

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(7-87)



DATE 6/15/89, 19____
OPERATOR'S WELL NO. 5426
API WELL NO. 47 - 103 - 0884
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

*Drill Deeper
570AC*

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1167' WATER SHED ROCKCAMP RUN
DISTRICT GRANT 7.5 4 COUNTY WETZEL
QUADRANGLE BIG RUN / LITTLETON SE 12 14 015 22
SURFACE OWNER D. & R. LUMBER CO. ACREAGE 138.93
OIL & GAS ROYALTY OWNER D. & R. LUMBER CO. LEASE ACREAGE 140
LEASE NO. 25397

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2150'
WELL OPERATOR EQUITRANS, INC. DESIGNATED AGENT GARY HOY
ADDRESS 4955 STEUBENVILLE PIKE ADDRESS P.O. BOX 1550
PITTSBURGH, PA. 15205 4468 CLARKSBURG, WV. 26301

SEP 29 1989

-OWDD- 6-0 BigRun-Burchfield (045)

JAN 22 1990

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Well Operator's Report of Well Work

Farm name: D & R LUMBER COMPANY Operator Well No.: 5426

LOCATION: Elevation: 1167.00 Quadrangle: BIG RUN

District: GRANT County: WETZEL
Latitude: 11900 Feet South of 39 Deg. 37Min. 30 Sec.
Longitude 7450 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: EQUITRANS, INC.
4955 STEUBENVILLE PIKE
PITTSBURGH, PA 15205-4955

Agent: GARY A. HOY, DIVISION MGR.

Inspector: MIKE UNDERWOOD
Permit Issued: 09/25/89
Well work Commenced: 11/01/89
Well work Completed: 11/07/89
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 2279'
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size	Existing prior to work		
10"		421'	None
* 8-5/8"	Existing prior to work	1473'	None
5-1/2"	2255'	2255'	142ft ³

*An attempt was made to squeeze cement behind the 8/5/8" casing. This attempt failed.

OPEN FLOW DATA

Producing formation Big Injun (Keener) 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 680 psig (surface pressure) after 48 Hours

Second producing formation _____ 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.

For: EQUITRANS INC. _____
By: [Signature] _____
Date: 11/17/89 _____

JAN 26 1990

FORMATION	TOP FEET	BOTTOM FEET	REMARKS
Coal	520	523	
Coal	771	774	Gas @ 520
Coal	861	870	
Murphy Sand	1000	1052	Gas @ 861
L. Dunkard Sand	1210	1225	Gas @ 1003
B. Dunkard Sand	1345	1365	
1st Gas Sand	1450	1528	
1st Salt Sand	1616	1637	
L. Lime	2041	2054	
B. Lime	2080	2121	
Keener	2130	2159	
TD		2211	Perferated Interval: 2132' to 2142'

2211 new to
1630-old to?
58' - new ftg.

RECEIVED
JAN 28 1990

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

57-53

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Equitrans, Inc. 446816160 (4) 254
- 2) Operator's Well Number: 5426 3) Elevation: 1167
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Big Injun 371
- 6) Proposed Total Depth: 2270 feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes / No /
1. Remove 1630' of 4 inch tubing and one 4" x 8" packer.
- 11) Proposed Well Work: 2. Squeeze cement the 8 1/4" casing with 140 sacks.
3. Drill approximately 637' deeper.
- 12) 4. Install 2270' of 5 1/2" casing - cemented with approximately 125 sacks.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	10"	Existing			421'	None
Coal						
Intermediate	8 1/4"	Existing			1473'	None
Production	4"	Existing			1630'	None
Tubing	5 1/2"	J-55	17		2270'	150
Liners						

PACKERS : Kind Anchor
 Sizes 8" x 4"
 Depths set 1608'

RECEIVED
 SEP 05 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket One Agent
 (Type)

0009918
 24

RECEIVED
SEP 05 1989

Page 1 of 2
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: July 26, 1989
2) Operator's well number
5426
3) API Well No: 47 - 103 - 0884-DD
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name D & R Lumber Co.
Address c/o Blaney Lumber Co./ P.O. Box 8
Bethesda, OH 43719
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
- Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name D & R Lumber Co. c/o Blaney Lumber Co.
Address P.O. Box 8
Bethesda, OH 43719
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426
Telephone (304)-782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Equitrans, Inc. *DR*
By: _____
Its: President
Address 4955 Steubenville Pike
Pittsburgh, PA 15205
Telephone (412) 788-6066

Subscribed and sworn before me this 18th day of July, 19 89

My commission expires _____

NOTARIAL SEAL
BRUCE W. CLIBAKOVIC, NOTARY PUBLIC
ROBINSON TWP., ALLEGHENY COUNTY
MY COMMISSION EXPIRES SEPT. 7, 1992

Notary Public

Member, Pennsylvania Association of Notaries

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Equitrans, Inc.
- 2) Operator's Well Number: 5426 3) Elevation: 1167
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep Shallow
- 5) Proposed Target Formation(s): Big Injun
- 6) Proposed Total Depth: 2150 feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Redrill approximately 700 ft. of cemented well bore and install approximately 2150 ft. of new 5 1/2" casing.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	10"	Existing		421'	421'	
Fresh Water						
Coal	8 1/2"	Existing		1473'	1473'	DO A CEMENT SPEUR JOB. IF SPEUR DON'T WORK THEN CEMENT 5 1/2" BACK UP TO B MAY 4.
Intermediate						
Production	4"	Existing		1630'	1630'	
Tubing						
Liners						

PACKERS : Kind A
Sizes 8"x4"
Depths set 1608'

RECEIVED
SEP 05 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent