



Surface, Oil, & Gas Owner(s):
 Everett J. Nicholson
 New Milton, W.V. 26411

FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 500 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top Knob 1300' S of Location, Elev. = 1446'

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-S (8-78)



DATE SEPTEMBER 5, 19 80
 OPERATOR'S WELL NO. TWO-E
 API WELL NO. 47-017-2826
 STATE 47 COUNTY 017 PERMIT 2826

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1020' WATER SHED LITTLE INDIAN FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5' VADIS 19' C
 SURFACE OWNER EVERETT J. NICHOLSON ACREAGE 117.55
 OIL & GAS ROYALTY OWNER EVERETT J. NICHOLSON LEASE ACREAGE 117.55
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ 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 BRUNN ESTIMATED DEPTH 2370'
 WELL OPERATOR RUSSEL V. JOHNSON, Jr. DESIGNATED AGENT GAI SMYTHE
 ADDRESS DRAWER "L" GLENVILLE, W.V. 26351 ADDRESS DRAWER "L" GLENVILLE, W.V. 26351



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD 27

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry _____
(Kind)

Quadrangle New Milton

Permit No. 47-017-2826

Company Russell V. Johnson, Jr
Address P.O. Drawer "L", Glenville
Farm E.J. Nicholson Acres 117.55
Location (waters) Little Indian Fork
Well No. Two-E Elev. 1043'
District New Milton County Doddridge
The surface of tract is owned in fee by _____
E.J. Nicholson
Address New Milton, WV
Mineral rights are owned by E.J. Nicholson
Address New Milton, WV
Drilling Commenced 10-29-80
Drilling Completed 11-02-80
Initial open flow -0- cu. ft. -0- bbls.
Final production -0- cu. ft. per day -0- bbls.
Well open ----- hrs. before test --- RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	206.80	206.80	
5 1/2			
4 1/2			
3			
2			
Lines Used			

Well treatment details:

Attach copy of cementing record.

Not Treated
Plugged 11-03-80

Coal was encountered at 155-160' Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand None Depth -----

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock	Red	Soft	0	100		
Shale/Sand	Grey	Hard	100	155		
Coal	Black	Soft	155	160		
Shale	Grey	Soft	160	170		
Shale/Sand	Grey	Hard	170	219		
Shale/Sand	Grey	Hard	219	250		
Red Rock	Red	Soft	250	260		
Shale/Sand	Grey	Hard	260	280		
Shale/Sand	Grey	Hard	280	310		
Shale/Sand	Grey	Hard	310	350		
Shale/Sand	Grey	Hard	350	400		
Rock	Grey	Hard	400	525		
Red Rock	Red	Soft	525	535		
Shale	Black	Soft	535	580		
Sand	Grey	Med.	580	600		
Red Rock	Red	Soft	600	700		
Shale	Black	Soft	700	766		
Red Rock	Red	Soft	766	818		
Sandy Shale			818	836		
Shale			836	1173		
157 Salt Sand			1173	1213		
Sandy Shale			1213	1309		
Red Rock-Shale			1309	1424		

RECEIVED

NOV 12 1980

OIL & GAS DIVISION
DEPT. OF MINES

NOV 25 1980

Formation	Color	Hard or Soft	Top Feet <small>27</small>	Bottom Feet	Oil, Gas or Water	Remarks
Sandy Shale			1424	1487		
Shale			1487	1547		
Sand			1547	1606		
Shale & Sand			1606	1736		
Sand-Lime			1736	1828		
Sand & Shale			1828	1840		
Sandy-Lime			1840	2042		
Shaley-Lime			2042	2114		
Big Lime			2114	2210		
Big Injun			2210	2287		
Shale			2287	2346		GAS SMELL IN DRILLING FLUID
Weir (Beginning)			2346			
Loggers' TD				2375		

Date November, 6 19 80

APPROVED J. L. Smith Owner

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's
Well No. E.J. Nicholson #2-E

API Well No. 47 - 017 2826
State County Permit

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X)
LOCATION: Elevation: 1043' Watershed: Little Indian Fork
District: New Milton County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR Russell V. Johnson, Jr.
Address P.O. Drawer "L"
Glenville, WV 26351

DESIGNATED AGENT Gai L. Smythe
Address P.O. Drawer "L"
Glenville, WV 26351

OIL & GAS
ROYALTY OWNER E.J. Nicholson
Address New Milton, WV
Acreage 117.55 Ac.

COAL OPERATOR N/A
Address: _____

SURFACE OWNER E.J. Nicholson
Address New Milton, WV
Acreage 117.55 Ac.

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name N/A
Address _____
Name N/A
Address _____

FIELD SALE (IF MADE) TO:
Name N/A
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated _____, 19____, to the undersigned well operator from Rockwell Petroleum Company
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 X / 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
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

Russell V. Johnson, Jr.
Well Operator

By Gai L. Smythe
Its Partner

PROPOSED WORK ORDER

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

DILLING CONTRACTOR (IF KNOWN) unknown

Address _____

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 2370 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area: Yes _____ / No X

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	Kinds
Conductor									
Fresh water	8-5/8		20.0	X		1050'	1050'	300 sks	
Coal									
Intermediate									
Production	4 1/2		9.5	X			2325	115 sks	Depths set
Tubing									
Packers									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 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.

provisions being in accordance with Chapter 22, West Virginia Code, the location is hereby approved for drilling.

This permit shall expire if operations have not commenced by 5-12-81.

[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 _____

Its _____