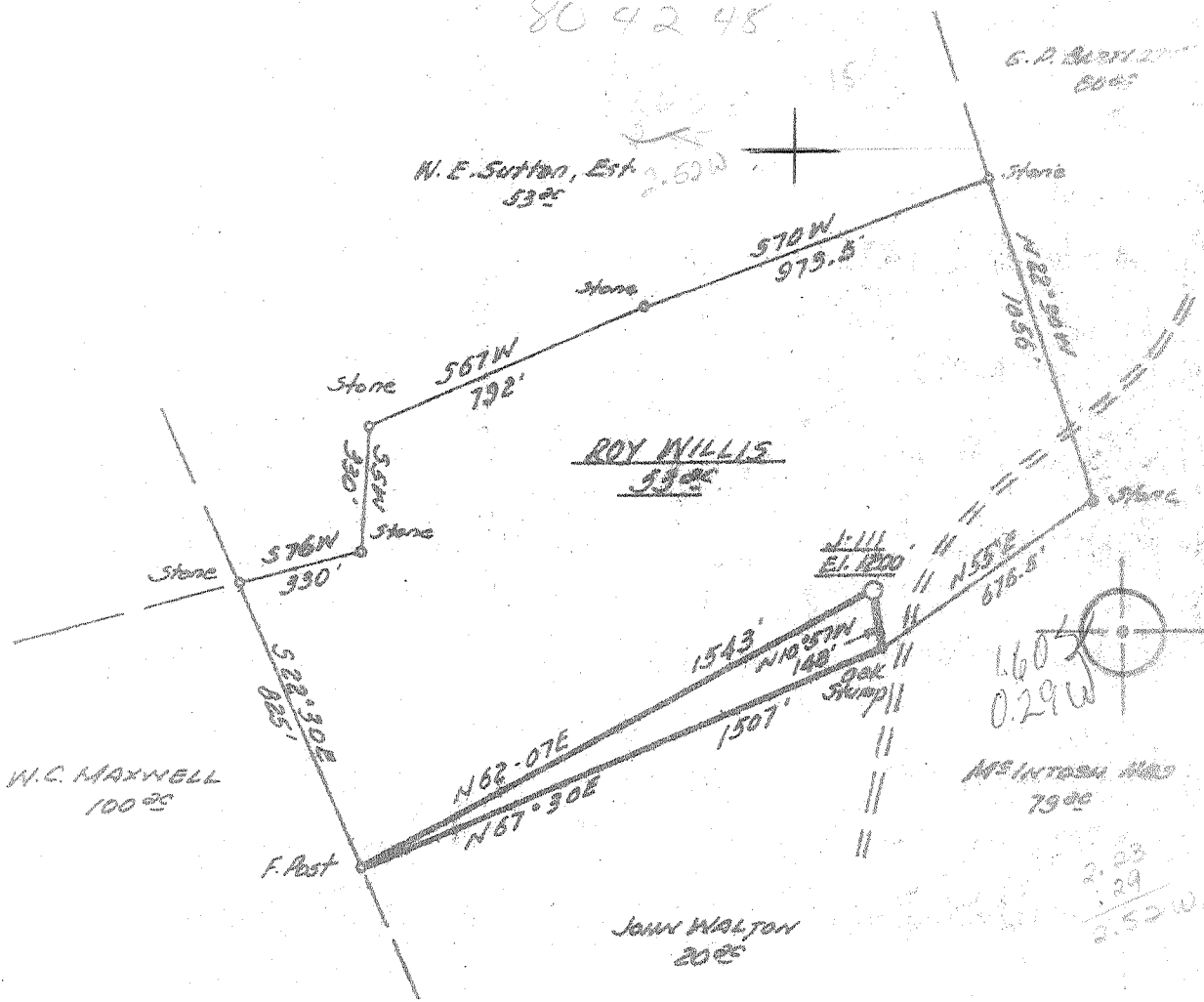
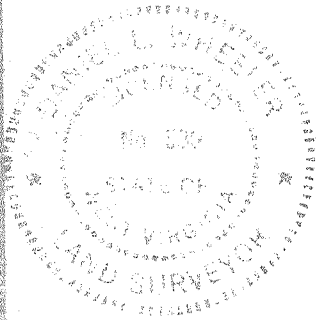


Latitude 39° 15' 00"

39 13 35  
80 42 48



Longitude 80° 42' 30"  
80° 40'



New Location   
 Drill Deeper   
 Abandonment

Minimum Error of Closure 1 Part in 200  
 Source of Elevation JCT. RD FMS. RT. 40 & 49 1/2 - U.E. 872'  
 "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."

Company J. & J. ENTERPRISES, INC.  
 Address P.O. BOX 48 BUCKHANNON, W. VA. 26201  
 Farm ROY WILLIS  
 Tract \_\_\_\_\_ Acres 53 Lease No. K-200  
 Well (Farm) No. J-111 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1200 Wade 15  
 Quadrangle NEW MILTON 7.5' NW  
 County DODDRIDGE District NEW MILTON  
 Engineer Daniel L. Wheeler  
 Engineer's Registration No. 530118  
 File No. 19/48 Drawing No. \_\_\_\_\_  
 Date MARCH 28, 1980 Scale 1"=500'

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

WELL LOCATION MAP  
 FILE NO. 47-017-2654

+ 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 PORTO RICO 134 MAY 6 1980

**RECEIVED**  
MAY 27 1980  
WEST VIRGINIA  
DEPT. OF MINES  
OIL & GAS DIVISION  
WELL OPERATOR'S REPORT  
OF  
DRILLING, REWORKING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1200 Watershed: Lick Run  
District: New Milton County: Doddridge Quadrangle: New Milton

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett  
Address Box 48 Address Box 48  
Buckhannon, WV 26201 Buckhannon, WV 2620

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 4-1, 1980 OIL & GAS INSPECTOR FOR THIS WORK:  
Name Paul Garrett  
(IF APPLICABLE: PLUGGING OF DRY HOLES OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Address 321 Beech St.  
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5384 feet  
Depth of completed well, 5616 feet Rotary  / Cable Tools   
Water strata depth: Fresh 60,930 feet; salt, 0 feet.  
Coal seam depths: None Is coal being mined in the area? No  
Work was commenced 4-29, 1980, and completed 5-6, 1980

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	1 13/4H-40	42	X			31	0	0 sks	Winds
Fresh water	8 5/8ERW	23	X			1576.95	1576.95	450 sks	
Coal	8 5/8ERW	23	X			1576.95	1576.95	450 sks	Sizes
Intermediate									
Production	4 1/2 J	5510.5	X			5547	5547	750 sks	Depth set
Tubing									
Liners									Perforations:
									Top Bottom
									5400 5436

OPEN FLOW DATA  
Producing formation Alexander Pay zone depth 5400-5436 feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 341 Mcf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time between initial and final tests, 4 hours  
Static well pressure, 1600 psig (surface measurement) after 50 hours shut in  
(If applicable use multiple completions)  
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 between initial and final tests, \_\_\_\_\_ hours  
Static well pressure, \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

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

Alexander-Perforations: 5400-36 (14 holes)  
Fracturing: 500 gal Acid: 20,000 lbs. 80/100 sand:  
40,000 lbs. 20/40 sand: 567 Bbls. Fluid.

ELL 103

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks including indication of oil, fresh and salt water, coal, oil and gas
Fill			0	15	
Sand & Shale			15	25	
Sand			25	40	
Sand & Shale			40	60	1/4" stream @ 60'
Red Rock & Shale			60	110	
Brown Sand			110	135	
Red Rock, Shale & Sand			135	175	
Red Rock & Shale			175	225	
Sand, Red Rock, & Shale			225	320	
Red Rock, Sand & Shale			320	371	
Red Rock, Shale & Sand			371	495	
Red Rock & Shale			495	520	
Red Rock			520	545	
Sand, Shale & Red Rock			545	755	
Sand, Shale & Red Rock			755	890	
Sand, Shale & Red Rock			890	920	1/4" stream @ 930'
Sand, Shale & Red Rock			920	972	
Sand, Shale & Red Rock			989	1040	
Sand, Shale & Red Rock			1040	1102	
Sand & Shale			1102	1216	
Sand & Shale			1216	2072	
Big Lime			2072	2142	
Big Injun			2142	2236	
Shale			2236	2372	Gas @ 2272 10/10 thru 1" w/wate
Weir			2372	2460	
Sand & Shale			2460	2794	
Gordon			2794	2810	
Sand & Shale			2810	3454	
Speechley			3454	3560	
Sand & Shale			3560	3834	Gas @ 3665 20/10 thru 1" w/wate
Balltown			3834	3850	
Sand & Shale			3850	5006	
Riley			5006	5034	

Attach separate sheets as complete as necessary.

J & J Enterprises, Inc.

Well Operator

*Daniel Stark*

Geologist

NOTE: Regulation 2.004 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."

FORMATION	Color	Hard or Soft			Remarks
			Top Feet	Bottom Feet	Including indication of all fresh and salt water, coal, oil and gas
Shale			5034	5112	
Benson			5112	5118	
Sand & Shale			5118	5384	Gas @ 5211 14/10 thru 1" w/ water
Alexander			5384	5466	
Shale			5466	5616	Gas @ 5490 16/10 thru 1" w/ water
					T.D. 5616

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-111

API Well No. 47 - 017-265 State County

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

LOCATION: Elevation: 1200 Watershed: Lick Run District: NewMilton County: Doddridge Quadrangle: New Milton

WELL OPERATOR J & J Enterprises, Inc. Address Box 48 Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett Address Box 48 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Roy & Sylvia Willis/Dessie Willis Address Smithburg, WV 26436 Acreage 53.5

COAL OPERATOR None COAL OWNER(S) WITH DECLARATION ON RECORD: Roy & Sylvia Willis/Dessie Willis

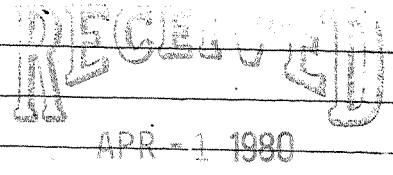
SURFACE OWNER Roy & Sylvia Willis/Dessie Willis Address Smithburg, WV 26436 Acreage 53.5

Name Roy & Sylvia Willis/Dessie Willis Address Smithburg, WV 26436 Morgantown, WV 26505

FIELD SALE (IF MADE) TO: Name Address

COAL LESSEE WITH DECLARATION ON RECORD: Name None Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Paul Garrett Address 321 Beech St. 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 X / other contract / dated 9-1, 1978, to the undersigned well operator from Roy & Sylvia Willis

[If said deed, lease, or other contract has been recorded:] Recorded on 10-23, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 105 at page 155. A permit is requested as follows:

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

--blanked no show on the work order on the reverse side hereof.

The above named well operator, coal owner(s), and coal lessee are hereby notified that any obligations they wish to take on 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 1601 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 345-3092

J & J Enterprises, Inc. Well Operator

BLANKET BOND

By Peter Battles Geologist

PROPOSED WORK ORDER

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

BILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling
Address Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5700 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 80 feet; salt, 1100 feet.

Approximate coal seam depths: None IS coal being mined in the area? Yes / No X

DRILLING AND TUBING PROGRAM

Table with columns: DRILLING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS. Rows include Conductor, Fresh water, Intermediate, and Production.

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.

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 12-3-80

Handwritten signature of the Deputy Director.

Deputy Director - Oil & Gas Division. Declaration under Code § 22-4-20, if the permit is to be posted 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 has examined this proposed well location. If a mine map exists which covers the area of the location, the well location has been added to the mine map. The undersigned has no objection to 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.

By \_\_\_\_\_
Its \_\_\_\_\_