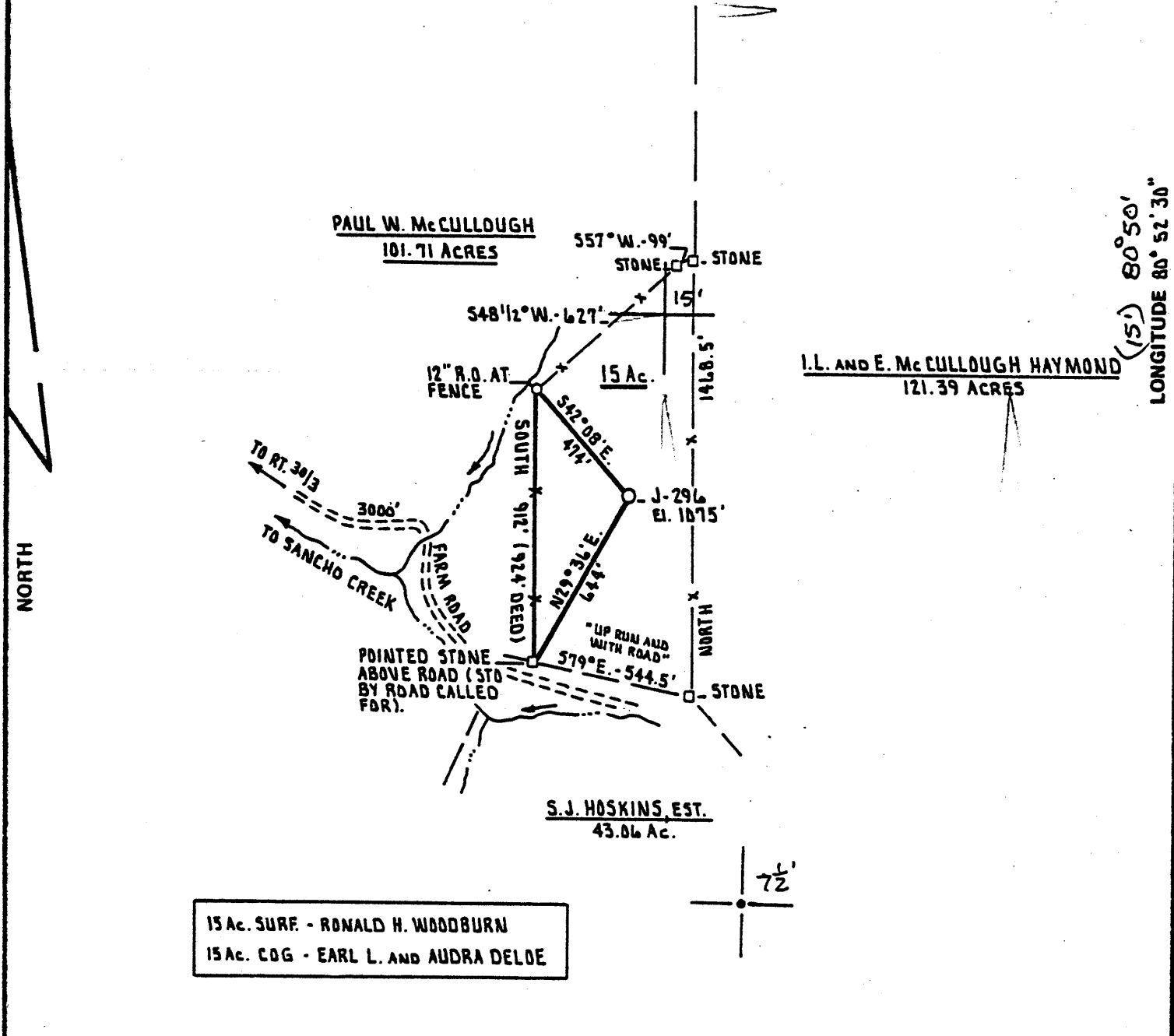


KF 8-12-80

LATITUDE 39° 25' 00"

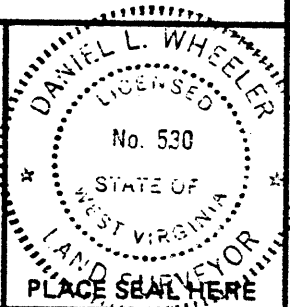
LONGITUDE 80° 52' 30"



15 Ac. SURF. - RONALD H. WOODBURN
 15 Ac. CDG - EARL L. AND AUDRA DELOE

FILE NO. D.E. 2-50
 DRAWING NO. VAR. 6-59
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ROADWAY INTERSECTION 3850' ± N.W. OF LOCATION

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) Daniel L. Wheeler
 R.P.E. _____ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



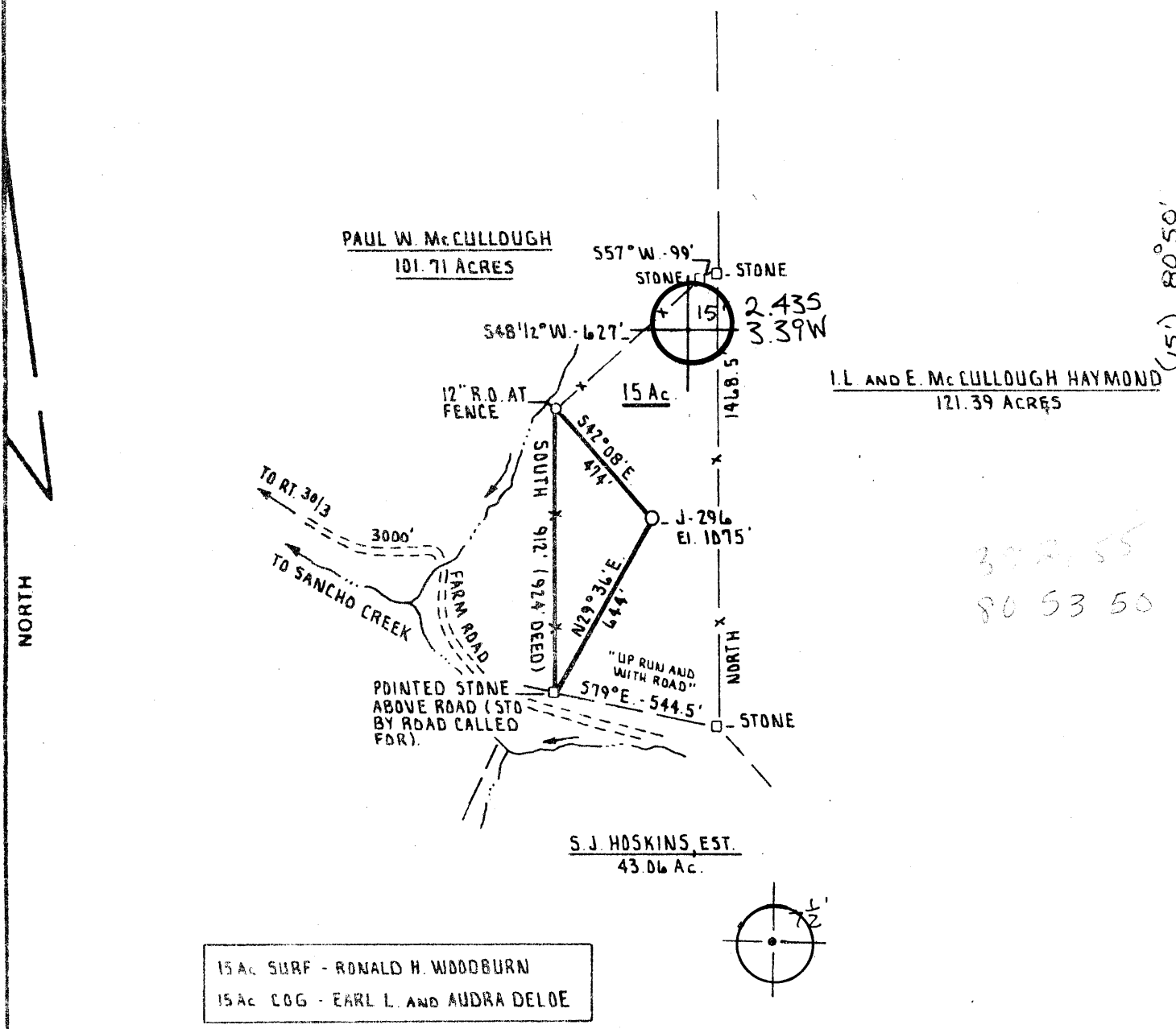
DATE AUGUST 5TH, 19 80
 OPERATOR'S WELL NO. J-296
 API WELL NO. 47-095-0829-P
 STATE TYLER COUNTY TYLER PERMIT

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 1075' WATER SHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE W.VA. T.5' WEST UNION 15'
 SURFACE OWNER RONALD H. WOODBURN ACREAGE 15 Ac.
 OIL & GAS ROYALTY OWNER EARL L. AND AUDRA DELDE LEASE ACREAGE 15 Ac.
 LEASE NO. P.S. 25
 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 ALEXANDER ESTIMATED DEPTH 5700'
 WELL OPERATOR J. AND J. ENTERPRISES INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201 ADDRESS P.O. BOX 48 BUCKHANNON, WEST VIRGINIA 26201

LATITUDE 39° 25' 00"

LONGITUDE 80° 52' 30"



15 AC SURF - RONALD H. WOODBURN
 15 AC COG - EARL L. AND AUDRA DELOE

FILE NO. DE 2-50
 DRAWING NO. VAR. 6-59
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ROADWAY INTERSECTION
3850' ± N.W. OF LOCATION

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) Ronnie L. Wheeler
 R.P.E. _____ L.L.S. 530

PLACE SEAL HERE

← DENOTES LOCATION OF BELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE AUGUST 5th 19 80
 OPERATOR'S WELL NO. J-296
 API WELL NO. _____
47 - 095 - 0829
 STATE COUNTY PERMIT

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 1075' WATER SHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE W.VA. 7.5' WEST UNION 15'
 SURFACE OWNER RONALD H. WOODBURN ACREAGE 15 Ac.
 OIL & GAS ROYALTY OWNER EARL L. AND AUDRA DELOE LEASE ACREAGE 15 Ac.
 LEASE NO. P.S. 25
 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 ALEXANDER ESTIMATED DEPTH 5700'
 WELL OPERATOR J AND J ENTERPRISES INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201

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

Date March 12, 1981

FORM IV-35
(Obverse)

Operator's Well No. J-296

[08-78,

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47 095 829
State County Per

TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow /)
Elevation: 1075 Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne 7.5'

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

DESIGNATED AGENT Roger Rolston
Address P.O. Box 48
Buckhannon, WV 26201

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 8/1, 19 81

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name Phillip L. Tracy

Address P.O. Box 173

Middlebourne, WV 26149

GEOLOGICAL TARGET FORMATION: Alexander Depth _____ feet
Depth of completed well, 5505 feet Rotary / Cable Tools _____
Water strata depth: Fresh, 1565 feet; salt, 0 feet.
Coal seam depths: 771-75, 1565 Is coal being mined in the area? No
Work was commenced 3/3, 19 81, and completed 3/10, 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			Left in well
Conductor	11 3/4	H-40	42	x		0	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1519	1519	350 sks.	
Coal	8 5/8	ERW	23	x		1519	1519	350 sks.	Sizes
Intermediate									
Production									Deaths set
Tubing									
Liners									Perforations:
									Top Bottom

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OIL & GAS DIVISION
DEPT. OF MINES

OPEN FLOW DATA

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.
[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.

MAR 23 1981

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

WELL 100

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	5	
Shale & sand			5	20	
Sand, shale & red rock			20	120	
Sand, shale & red rock			120	161	Very damp @ 572'
Sand, shale & red rock			161	206	
Sand & shale			206	296	
Sand, shale & red rock			296	460	1"-1½" stream @ 1565
Sand, shale & red rock			460	555	Gas ck @ 2167 10/10-½" w/water
Red rock			555	562	5983 cu.ft.
Sand & shale			562	572	
White sand			572	675	Gas ck @ 2649 No show
Red rock, sand & shale			675	771	Gas ck @ 3547 No show
Shale & coal			771	775	Gas ck @ 4864 No show
Sand & shale			775	918	
Red rock, sand & shale			918	1127	Gas ck @ 4992 60/10-½" May be air
Sand, shale & red rock			1127	1163	
Sand & shale			1163	1399	Gas ck @ 5344 2/10-4/10-1½" w/water
Shale & sand			1399	1936	3230 cu.ft.
Lime & shale			1936	1965	
Big Lime			1965	2051	Gas ck @ T.D. 4/10-½" w/water
Injun			2051	2130	3,705 cu.ft.
Sand & shale			2130	2313	
Sand & shale			2313	4810	
Brown sand & shale			4810	4870	
Brown sand			4870	4900	
Sand & shale			4900	4980	
Brown sand & shale			4980	5223	
Brown sand			5223	5270	
Sand & shale Alex?			5270	5505 TD	

(Attach separate sheets as complete as necessary)

J & J Enterprises, Inc.

Well Operator

By

Peter Battles
Peter Battles
Geologist

Doc

NOTE: Regulation 2.3016 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. J-296

API Well No. 47-095-8
State County

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

LOCATION: Elevation: 1075 Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne 7.5

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H. L. Barnett

Address P. O. Box 48 Address P. O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS
ROYALTY OWNER Earl & Audra Deloe
Address Star Route
West Union, WV26456

COAL OPERATOR None
Address

Acreage 15

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Ronald H. Woodburn

Name Earl & Audra Deloe

Address 27010 Debra Court
Taylor, MI 48180

Address Star Route
West Union, WV 26456

Acreage 15

Name

FIELD SALE (IF MADE) TO:

Name
Address

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name None

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip L. Tracy
Address P. O. Box 173
Middlebourne, WV 26149

Address

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 March 20, 1980, to undersigned well operator from Petroleum Services, Inc.

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

Recorded on May 3, 1980, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in oil & gas lease Book 224 at page 472. 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) _____

---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 plot 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, Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOLOGICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1614 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 548-3993

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OIL & GAS DIVISION
DEPT. OF MINES

BLANKET BOND

J & J Enterprises, Inc.
Well Operator

Peter Battles
Peter Battles
Geologist

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Co.
Address P. O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5700 feet Rotary Cable tools

Approximate water strata depths: Fresh, 100 feet; salt, none 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			Left in well
Conductor	11 3/4	H-40	42	X		30	0	0 sks	Kinds
Fresh water	8 5/8	ERW	23	X		1700	1700	425 sks	
Coal	8 5/8	ERW	23	X		1700	1700	425 sks	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5650	5650	350 sks	Depths 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 dwelling within 200 feet of the proposed well.

THIS PERMIT MUST BE POSTED AT THE WELL SITE. No permit is 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.

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 4-18-81.

Fred B. Russell
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

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas", Production x / Underground storage / Deep / Shallow x /
LOCATION: Elevation: 1075 Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne 7.5'
WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT Roger Rolston
Address P.O. Box 48 Buckhannon, WV 26201
Address P.O. Box 48 Buckhannon, WV 26201

STATE OF WEST VIRGINIA,)
COUNTY OF Upshur)

SS:

Robert Dahlin and Roger Rolston

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by J & J Enterprises, Inc the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on 3/3, 19 81, and completed on 3/10, 19 81, in the following manner:

PERMITTED WORK: Plug and abandon x / Clean out and replug /

PLUGGING MATERIALS

Table with 4 columns: Type of Cement, Other Materials, Depth, Thickness. Rows include Class A with various materials and depths.

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

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MAR 13 1981

OIL & GAS DIVISION DEPT. OF MINES

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST 1519 ft. of 8 5/8"

TYPE OF RIG:

Owner: Well Op'r x / Contractor /

Rig time: days plus hours

Signatures of Robert Dahlin and Roger Rolston with (SEAL) labels

Subscribed and sworn to before me this

12th day of March, 19 81.

My commission expires October 16, 19 89.

Signature of Notary Public: Linda S. Canfield