

PLAN NO. 81-871-K
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION EL. 974.0 ON CO. RD. (46/2) AT CO. RD. (46/4) 3400' N.W. OF WELL SITE

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: John Robert Sales
 PIPE 5566 LLS _____

DATE 7-1/2 Min.
 No Well in 2400'
 BEST
 PLACE SEAL HERE

IDENTIFIES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV 6
 DATE FEB. 16, 1982
 OPERATOR'S WELL NO. J-548
 API WELL NO. 47-017-3096
 STATE COUNTY PERMIT
CANCELLED

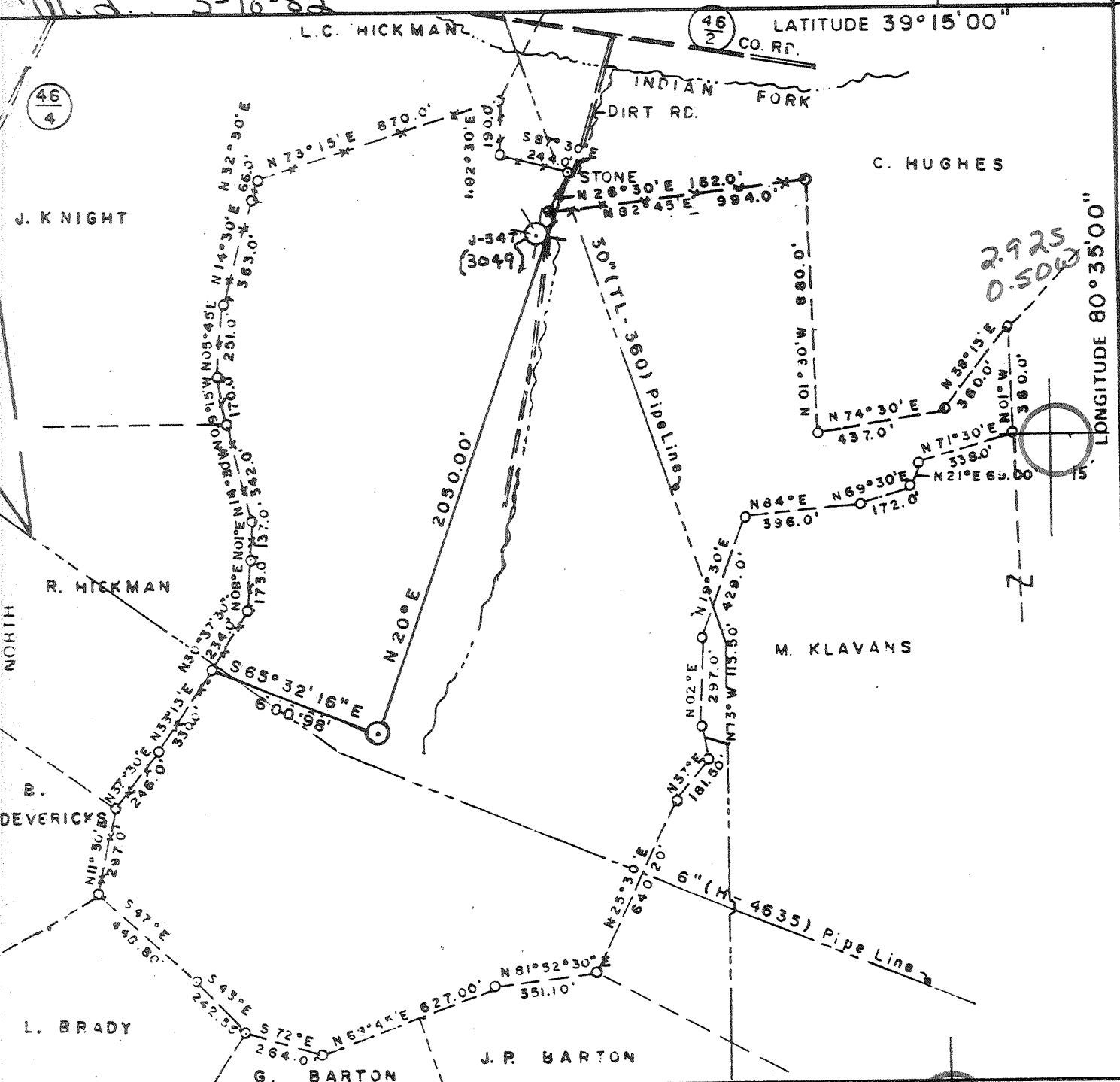
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 IF GAS PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 ELEVATION 1120.0 WATER SHED BUCKEYE CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC
 LEASE OWNER GEORGE SIMON ACREAGE 120
 LEASE ROYALTY OWNER HETTIE A. FREEMAN ET. AL. LEASE ACREAGE 120
 LEASE NO. M-430
 REASON FOR DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5100
 WELL OPERATOR J&J ENTERPRISES INC. DESIGNATED AGENT HARRY L. BARNETT
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKANNON W. VA. 26201 BUCKANNON W. VA. 26201

APR 24 1984

3-16-82 Plot Card CSD

2,450'



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SIGNED: _____
 RPE 5566 ELS _____

TO 7 1/2 Min.
 WELL IN 2400'
 PLACE SEAL HERE

DEFINITE LOCATION OF WELL ON UNIFIED STATE TOPOGRAPHIC MAPS

DATE FEB. 16 19 82
 OPERATOR'S WELL NO J-548
 API WELL NO 47 017 3096
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS WASTE DISPOSAL _____
 DEPTH: DEEP _____ SHALLOW
 LOCATION: ELEVATION 1120.0 WATER SHED BUCKEYE CREEK
 COUNTY DODDRIDGE
 TOWNSHIP GREENBRIER
 DISTRICT BIG ISAAC
 OPERATOR GEORGE SIMON ACREAGE 120
 LESSOR HETTIE A. FREEMAN ET AL. LEASE ACREAGE 120
 LEASE NO M-430

PROPOSED WORK: CONVERT DRILL DEEPER REDRILL FRACTURE OR 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 5100
 WELL OPERATOR J & J ENTERPRISES INC. DESIGNATED AGENT
 ADDRESS P.O. BOX 48 BUCKANNON W. VA. 26201

APR 16 1982

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-548 API Well No. 47 - 017 - 3096 State County Permit

WELL TYPE: Oil / Gas x (If "Gas", Production x / Underground storage / Deep / Shallow x /) LOCATION: Elevation: 1120 Watershed: Buckeye Creek District: Greenbrier County: Doddridge Quadrangle: Big Isaac

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

DESIGNATED AGENT Harry L. Barnett Address P.O. Box 48 Buckhannon, WV 26201

LAND & GAS LEASE OWNER Hettie A. Freeman ET AL Address C/O Roland Freeman 233 Foley St. Bridgeport, WV 26330

COAL OPERATOR None Address

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Willis Tetrick, Jr. Address Union National Bank Center

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Willis Tetrick, Jr. Address Union National Bank Center

FIELD SALE (IF MADE) TO: Unknown Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Address

LAND & GAS INSPECTOR TO BE NOTIFIED Stephen Casey Address Rt. # 2, Box 232-D Jane LEW, WV 26378

RECEIVED MAR 15 1982 OIL AND GAS DIVISION WV DEPARTMENT 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 12/4, 1979, to the undersigned well operator from Clarence W. Mutschelknaus

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

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any... 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 registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee 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 PHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 105 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc. Well Operator By Peter Battles Geologist

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 Company

Address P.O. Box 48
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5100 feet. Water Gas Oil
Approximate water strata depths: Fresh, 200 feet; salt, 0 feet.
Approximate coal seam depths: 250 feet. Is coal being mined in the area?

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	x		30	0	0 sks.	None
Fresh water	8 5/8	ERW	23	x		1400	1400	To surf.	
Coal	8 5/8	ERW	23	x		1400	1400	To surf.	Slits
Intermediate									
Production	4 1/2	J-55	10.5	x		5050	5050	275 sks.	Depth 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, if applicable, the consent required by Code § 22-4-2a 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 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,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 12-2-82.

BY [Signature]

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