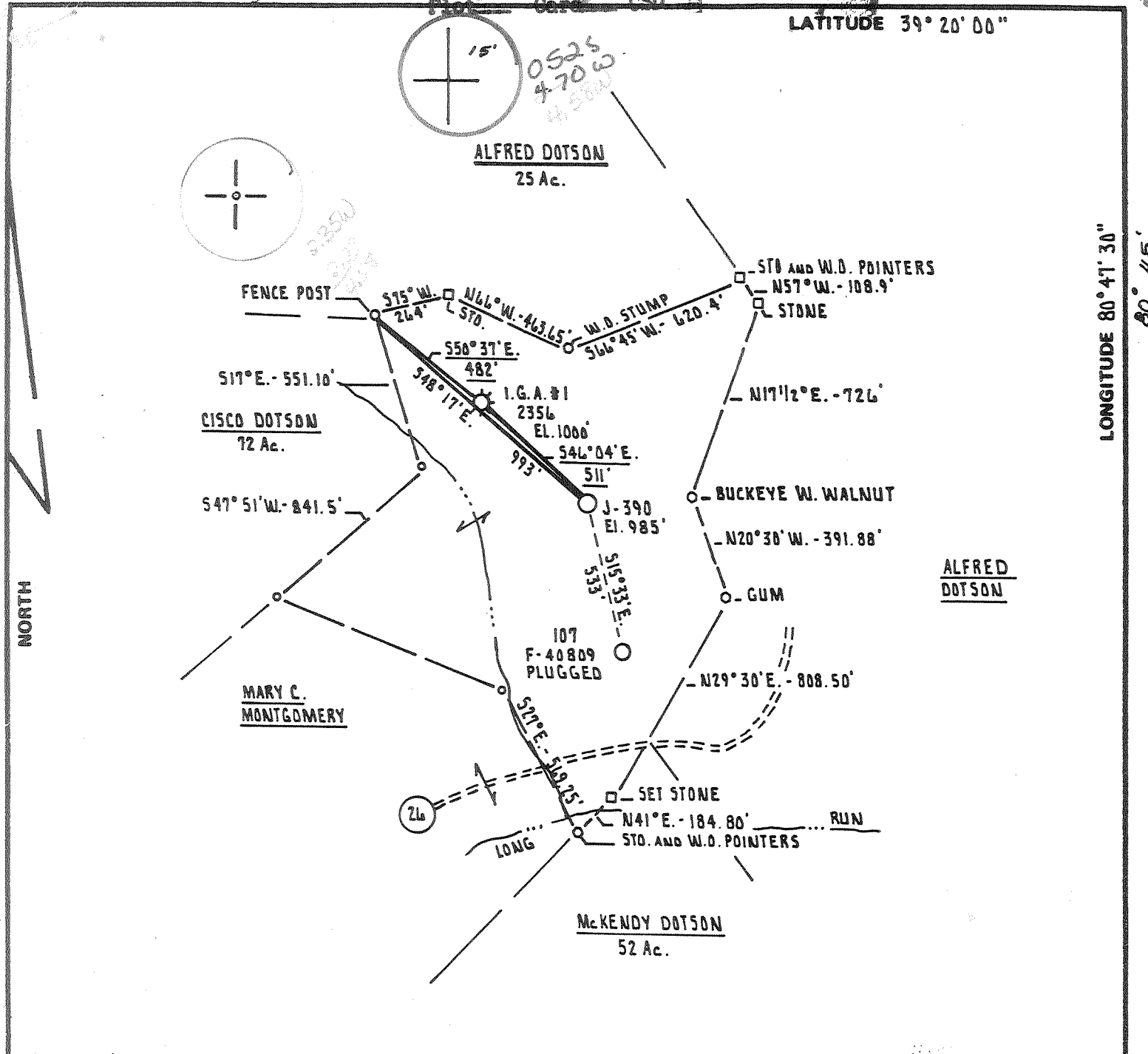


AL 916

12300
Card

LATITUDE 39° 20' 00"

LONGITUDE 80° 47' 30"
80° 45'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION RD. INTERSECTION
 ROUTES 26 AND 11 ELEVATION 755'

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) Cecil R. Main
 R.P.E. _____ L.L.S. 711

PLACE SEAL HERE

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



DATE JANUARY 20th, 19 81
 OPERATOR'S WELL NO. J-390
 API WELL NO. 47 - 017 - 2964-Per.
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Re-Instated

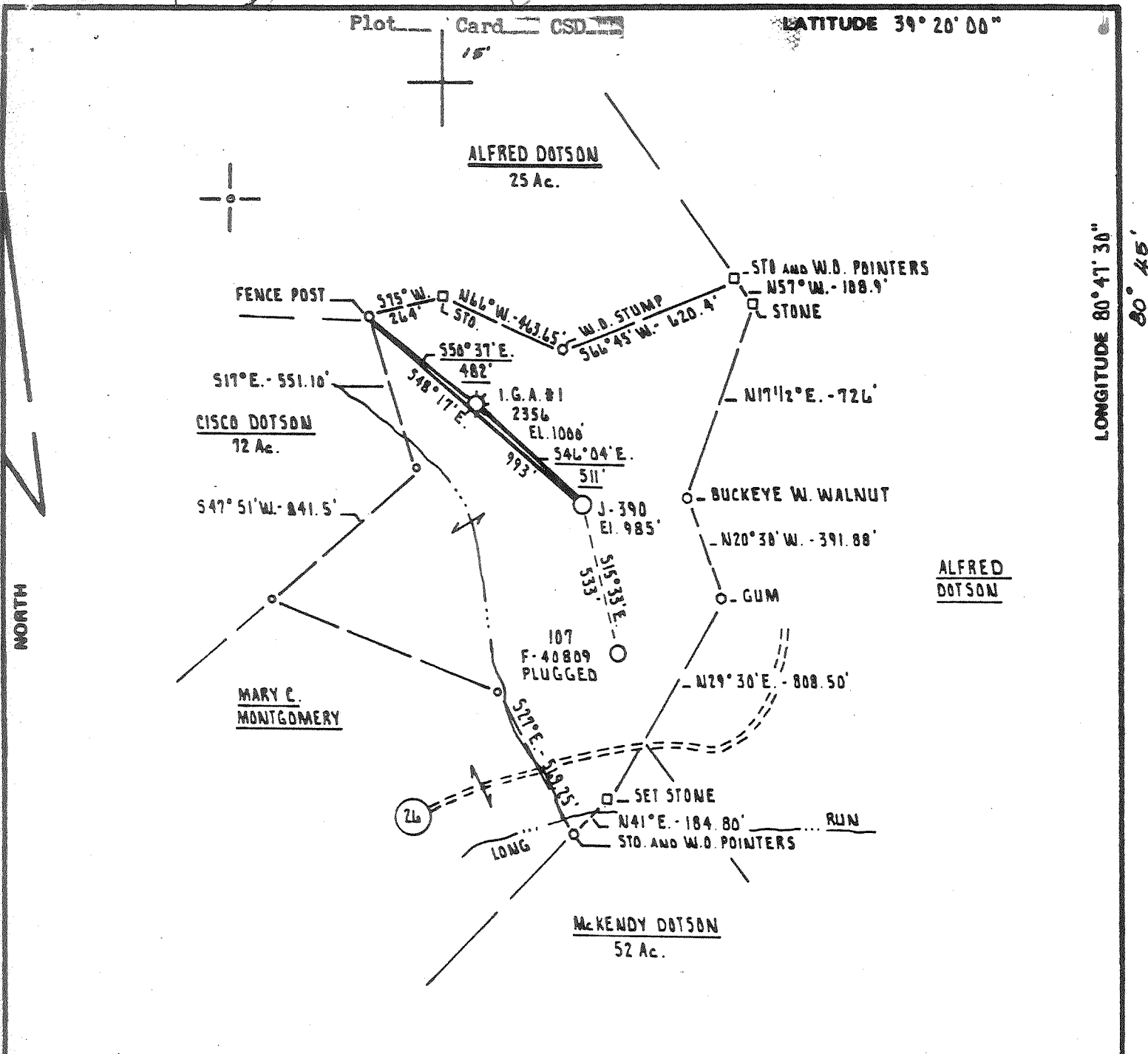
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 985' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5 dlb SE
 SURFACE OWNER LONNIE JAMES ACREAGE 43 Ac.
 OIL & GAS ROYALTY OWNER LORENA HAMMER LEASE ACREAGE 43 Ac.
 LEASE NO. P5-9
 PROPOSED WORK: DRILL X 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 5400'
 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

JUN 2 1982

22 2/6

12300



LATITUDE 39° 20' 00"

LONGITUDE 80° 47' 30"

NORTH

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION RD. INTERSECTION ROUTES 26 AND 11 ELEVATION 755'

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) Cecil R. Main
 R.P.E. _____ L.L.S. 711

PLACE SEAL HERE

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



DATE JANUARY 20th 19 81
 OPERATOR'S WELL NO. J-390
 API WELL NO. _____
 47 - 017 - 2964-Per.
 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 985' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5
 SURFACE OWNER LONNIE JAMES ACREAGE 43 Ac.
 OIL & GAS ROYALTY OWNER LORENA HAMMER LEASE ACREAGE 43 Ac.
 LEASE NO. PS-9
 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 5400'
 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

MAR 18 1982

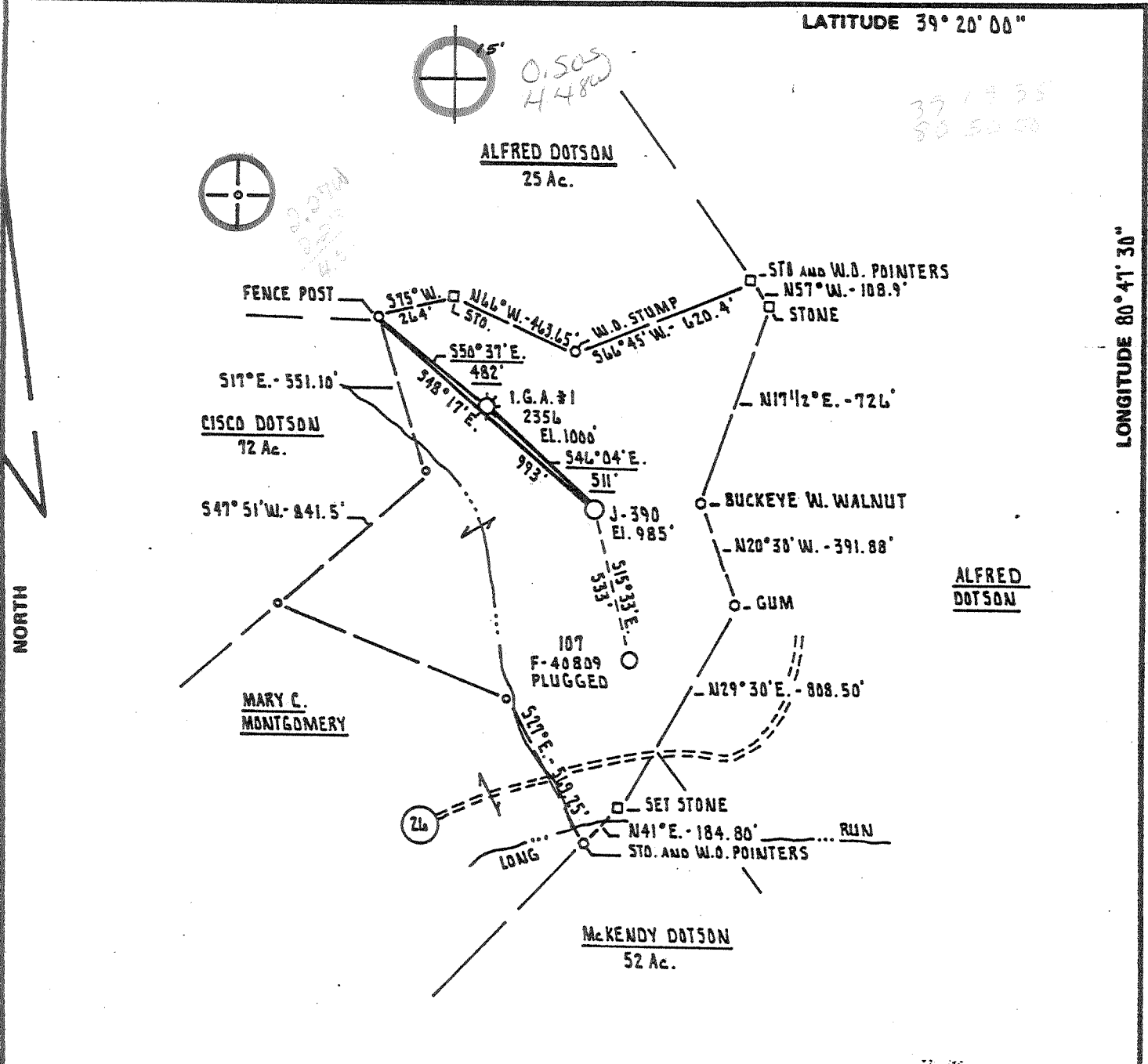
22 9/6

12300

LATITUDE 39° 20' 00"

LONGITUDE 80° 47' 30"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION RD. INTERSECTION ROUTES 26 AND 11 ELEVATION 755'

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) Cecil R. Main
 R.P.E. _____ L.L.S. 711



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



DATE JANUARY 20th, 19 81
 OPERATOR'S WELL NO. J-390
 API WELL NO. _____
47 - 017 - 2964
 STATE COUNTY PERMIT

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
 LOCATION: ELEVATION 985' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION 7.5 415 SE
 SURFACE OWNER LONNIE JAMES ACREAGE 43 Ac.
 OIL & GAS ROYALTY OWNER LORENA HAMMER LEASE ACREAGE 43 Ac.
 LEASE NO. P5-9
 PROPOSED WORK: DRILL X 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 5400'
 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

RECEIVED

JUL 16 1982

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

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 985 Watershed: Long Run
 District: Central County: Doddridge Quadrangle: West Union 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

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 10/19, 1981 OIL & GAS INSPECTOR FOR THIS WORK:
 Name Stephen Casey
 Address Rt. # 2, Box 232-D
Jane Lew, WV 26378

IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19____
 GEOLOGICAL TARGET FORMATION: Alexander Depth 5167-5215 feet
 Depth of completed well, 5267 feet Rotary / Cable Tools
 Water strata depth: Fresh, 510,630 feet; salt, 0 feet.
 Coal seam depths: None Is coal being mined in the area? No
 Work was commenced 6/10, 1982, and completed 6/15, 1982

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		28	0	0 sks.	Minds
Fresh water	8 5/8	ERW	23	x		1053.75	1053.75	260 sks.	
Coal	8 5/8	ERW	23	x		1053.75	1053.75	260 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5218.25	5218.25	220 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
									5167 5215
									4896 4899
									4480 4493

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5167-5215 feet
 Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
 Combined Final open flow 582 Mcf/d Final open flow, _____ Bbl/d
 Time of open flow between initial and final tests, 4 hours
 Static rock pressure, 1425 psig (surface measurement) after 96 hours shut in
 [If applicable due to multiple completion--] 4896-99
4480-93
 Second producing formation Benson & Riley 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

Bottom Hole Pressure Static rock pressure, _____ psig (surface measurement) after _____ hours shut in
 Pf=PweXGLS 1 1
 $t=60+(0.0075) \times 5218 + 459.7 = 559$ $X=53.35 \times 559 = 29814$ $=0.0000335$ $Pf=1425 \times 2.72 (0.0000335) (0.682)$
 $(4848) (0.9) = Pf=1425 \times 2.72^{0.1}$ $Pf=1425 \times 1.1$
 Pf=1574 psi

JUL 26 1982

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

Alexander: Perforations: 5167-5215 (13 holes)

Fracturing: 10,000 lbs. 80/100 sand: 40,000 20/40 sand: 555 Bbls. fluid.

Benson: Perforations: 4896-99 (13 holes)

Fracturing: 10,000 80/100 sand: 40,000 lbs. 20/40 sand: 500 gal. Acid: 555 Bbls. fluid.

Riley: Perforations: 4480-93 (13 holes)

Fracturing: 10,000 lbs. 80/100 sand: 40,000 lbs. 20/40 sand: 555 Bbls. fluid.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	3	
Sandy shale & sand			3	50	Damp @ 310'
Sand, shale & red rock			50	105	
Red rock & sandy shale			105	205	Damp @ 430'
Sand & shale			205	261	
Red rock, sand & sandy shale			261	310	Damp @ 480'
Sand, red rock & shale			330	400	
Sandy shale, sand & red rock			400	480	Hole wet @ 510'
Sand, sandy shale & red rock			480	593	
Sandy shale & sand			593	782	1/2" stream @ 630'
Sandy shale, sand & red rock			782	860	
Sand, red rock & shale			860	991	Gas ck @ 2070 No show
Sand, red rock & shale			991	1072	
Sand & shale			1072	1183	Gas ck @ 2583 No show
Sandy shale & sand			1183	1333	
Shale & sand			1333	1354	Gas ck @ 3095 No show
Sandy shale & sand			1354	1510	
Shale & sand			1510	1767	Gas ck @ 3604 No show
Sandy shale			1767	1834	
Little Lime & shale			1834	1868	Gas ck @ 4113 No show
Big Lime & Injun			1868	2040	
Shale & sand			2040	2405	Gas ck @ 4597 6/10-1" w/water 16,446 cu.ft.
Sandy shale & sand			2405	2727	
Sandy shale & sand			2727	3785	
Sandy shale & sand			3785	4480	
<u>Riely</u>			4480	4493	
Sand & shale			4493	4896	
<u>Benson</u>			4896	4899	
Sandy shale			4899	5117	
Sand			5117	5167	
<u>Alexander</u>			5167	5215	
Sandy shale			5215	5267	

T.D.

(Attach separate sheets to complete as necessary)

J&J Enterprises, Inc.

Well Operator

By

Peter Battles

Isb

Geologist

NOTE: Regulation 2.02(d) provides as follows:

"The term 'log' on 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

Date: October 14, 1981

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-390 81

API Well No. 47-017-2964-R
State County Perm
(OLD NO. 2964)

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /)
LOCATION: Elevation: 985 Watershed: Long Run
District: Central County: Doddridge Quadrangle: West Union 7.5

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

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

OIL & GAS ROYALTY OWNER Lorena Hammer
Address 115 Southgate Road
Elkins, WV 26241

COAL OPERATOR None
Address: _____

ACREAGE 43
SURFACE OWNER Lonnie James
Address Greenwood, WV 26360
ACREAGE 43

COAL OWNER(S) WITH DECLARATION ON RECORD
Name Lorena Hammer
Address 115 Southgate Road
Elkins, WV 26241

FIELD SALE (IF MADE) TO:
Name Unknown
Address _____

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Steve Casey
Address Rt. # 2, Box 232-D
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

RECEIVED

OCT 19 1981

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 / dated 8/6, 1979, to the undersigned well operator from Petroleum Services, Inc.
If said deed, lease, or other contract has been recorded:]

Recorded on 10/17, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas ^{lease} Book 110 at page 612. A permit is requested as follows:

PROPOSED WORK: Drill / 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
1015 WASHINGTON STREET EAST
CHARLESTON, WV 25301
TELEPHONE: (606) 548-2000

BLANKET BOND

J & J Enterprises, INC.
Well Operator

H.L. Barnett
Petroleum Services

Summary

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

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary -X- / Cable tools ___ /
Approximate water strata depths: Fresh, 400 feet; salt, None feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes ___ No X

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Stires, Depths set, 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 § 22-4-2a 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.

All conditions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling renewed. This permit shall expire if operations have not commenced by 6-21-82

J. E. Haggerty Deputy Director of Gas Division

The following waiver must be provided by the well 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 _____

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-390 81

API Well No. 47-017-2964
State County Perm

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

LOCATION: Elevation: 985 Watershed: Long Run
District: Central County: Doddridge Quadrangle: West Union 7.5

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

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

OIL & GAS ROYALTY OWNER Lorena Hammer
Address 115 Southgate Road
Elkins, WV 26241

COAL OPERATOR None
Address: _____

ACREAGE 43
SURFACE OWNER Lonnie James
Address Greenwood, WV 26360
ACREAGE 43

COAL OWNER(S) WITH DECLARATION ON RECORD
Name Lorena Hammer
Address 115 Southgate Road
Elkins, WV 26241

FIELD SALE (IF MADE) TO:
Name Unknown
Address _____

Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Steve Casey
Address Rt. # 2, Box 232-D
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

RECEIVED
JAN 30 1981
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 8/6, 1979, to the undersigned well operator from Petroleum Services, Inc.

[If said deed, lease, or other contract has been recorded:]
Recorded on 10/17, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Oil & Gas lease Book 110 at page 612. 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 § 22-5-3 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
1614 WASHINGTON STREET EAST
CHARLESTON, WV 25301
TELEPHONE (606) 343-3100

J & J Enterprises, INC.
Well Operator
Peter Battles

BLANKET BOND

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

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 400 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	1 3/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1400	1400	to surface	
Coal	8 5/8	ERW	23	x		1400	1400	to surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5350	5350	550 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 § 22-4-12a 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 well site 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 10-6-81.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be signed 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 _____