

MS 6-21-85

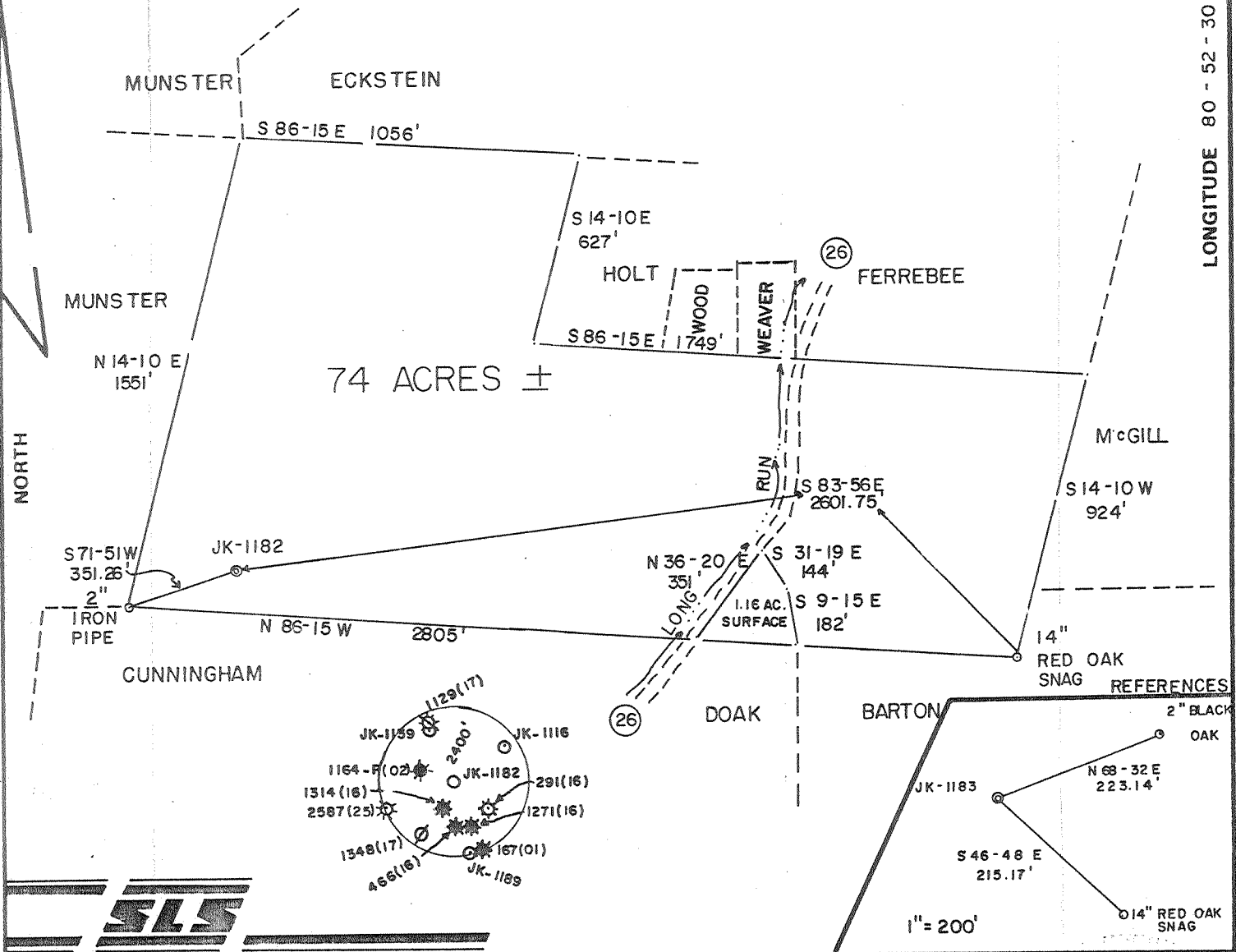
190'

LATITUDE 39-17-30

RIDDLE LEASE

WELL NO. JK-1182

2200'
LONGITUDE 80-52-30



FILE NO. 18-3
 DRAWING NO. M.P.
 SCALE 1"=500
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB, ELEV. = 1152'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MARCH 6, 19 85
 OPERATOR'S WELL NO. JK-1182
 API WELL NO. 47-017-3444
 STATE COUNTY PERMIT

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1152' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PENNSBORO 7.5'
 SURFACE OWNER BERNARD KELLEY ACREAGE 73.84
 OIL & GAS ROYALTY OWNER JAMES C. RIDDLE et al. LEASE ACREAGE 74
 LEASE NO. JK-356
 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 RHINE STREET ESTIMATED DEPTH 5995'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDECLIFF
 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201 427 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201

APR 06 1987
 APR 22 1987

DODD 3444

LATITUDE 39-17-30

39-30

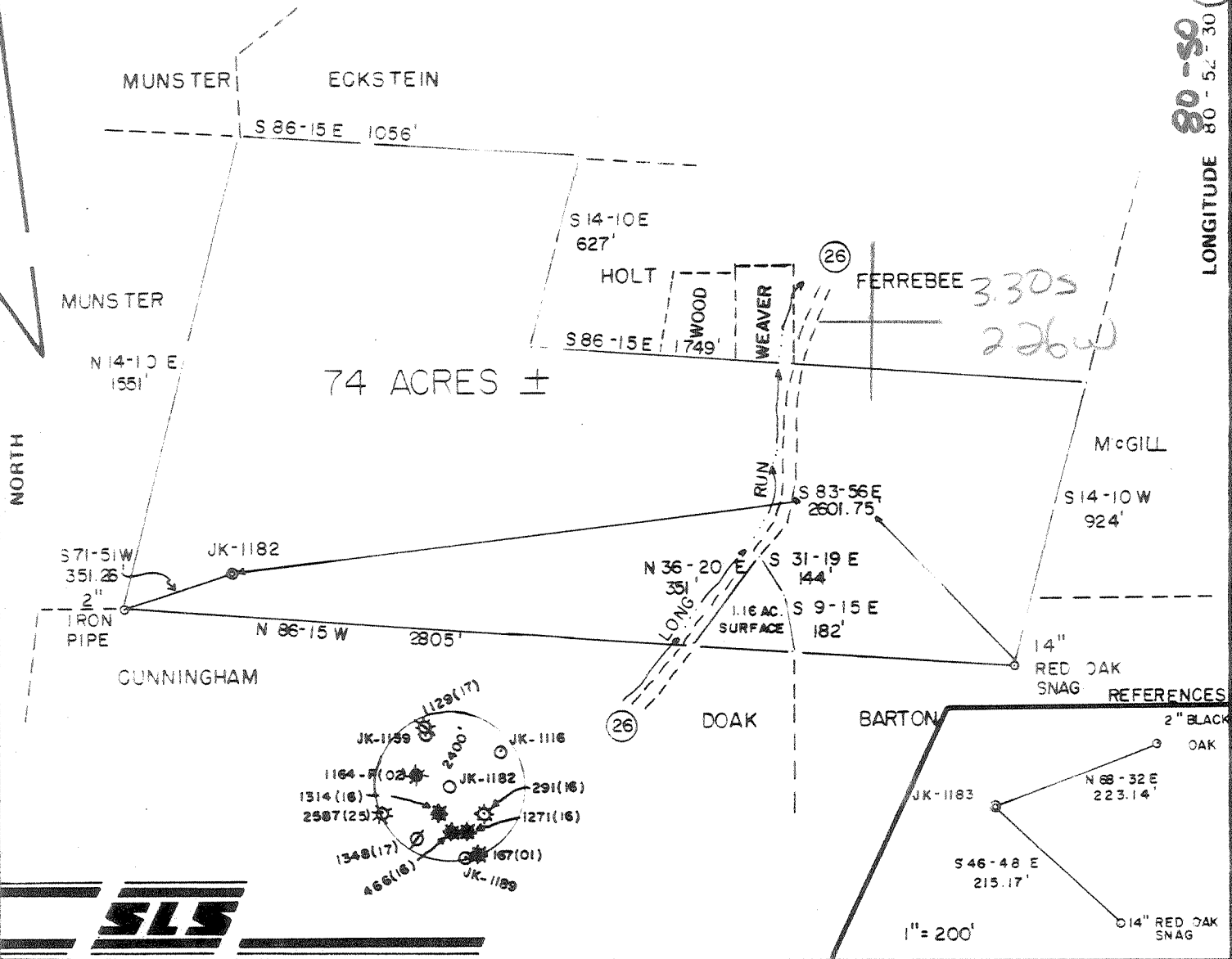
RIDDLE LEASE

WELL NO. JK-1182

0.425
0.03w

80-50
80-52-30

LONGITUDE



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 DRAWING NO. M.P.
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 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. = 1152'

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 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 18-781



DATE MARCH 6, 19 85
 OPERATOR'S WELL NO. JK-1182
 API WELL NO. 47-017-3444
 STATE WEST VIRGINIA COUNTY DODDRIDGE PERMIT 133 SCB

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 1152' WATER SHED LONG RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PENNSBORO 7.5' 539 West Union 133 SCB
 SURFACE OWNER BERNARD KELLEY ACREAGE 73.84
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 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 RHINE STREET ESTIMATED DEPTH 5995'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201 427 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201

MAR 08 1985



1) Date: May 16, 19 85
 2) Operator's Well No. JK-1182
 3) API Well No. 47 -017-3444
 State County Permit

RECEIVED
MAY 31 1985

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: Oil / Gas / Coal / Production / Underground storage _____ / Deep _____ / Shallow
- 5) LOCATION: Elevation: 1052 Watershed: Long Run District: Central County: Doddridge Quadrangle: Pennsboro 7.5'
- 6) WELL OPERATOR: J & J Enterprises, Inc. (427) 7) DESIGNATED AGENT: Richard Reddecliff
 Address: P.O. Box 48 Address: P.O. Box 48
Buckhannon, WV 26201 24150 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Mike Underwood Address: Rt. 2 Box 114
Salem, WV 26426
- 9) DRILLING CONTRACTOR: Name: S.W. Jack Drilling Co. Address: P.O. Box 48
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate / Plug off old formation _____ / Perforate new formation _____ / Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander # Rhine Street 441
- 12) Estimated depth of completed well, 5600' 5995' feet
- 13) Approximate trata depths: Fresh, 150' feet; salt, N/A feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No

15) 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		
Conductor	1 3/4	H-40	42	X		<u>200' 38'</u>	<u>200' 38'</u>	<u>0 Sacks</u> <u>CTs</u> <u>by rule 15.05</u>
Fresh water	8 5/8	ERW	23	X		<u>1642'</u>	<u>1642'</u>	To Surface
Coal	8 5/8	ERW	23	X		<u>1642'</u>	<u>1642'</u>	To Surface
Intermediate								Sizes
Production	4 1/2	J-55	10.5	X		<u>5600'</u>	<u>5995'</u>	300 Sacks
Tubing						<u>5995'</u>	<u>5945'</u>	Depths set
Liners								or as required by rule 15-01
								Perforations:
								Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3444 Date June 27 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires June 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>82</u>	<u>MN</u>	<u>MN</u>	<u>MN</u>	<u>1977</u>

Margaret J. Hase
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.