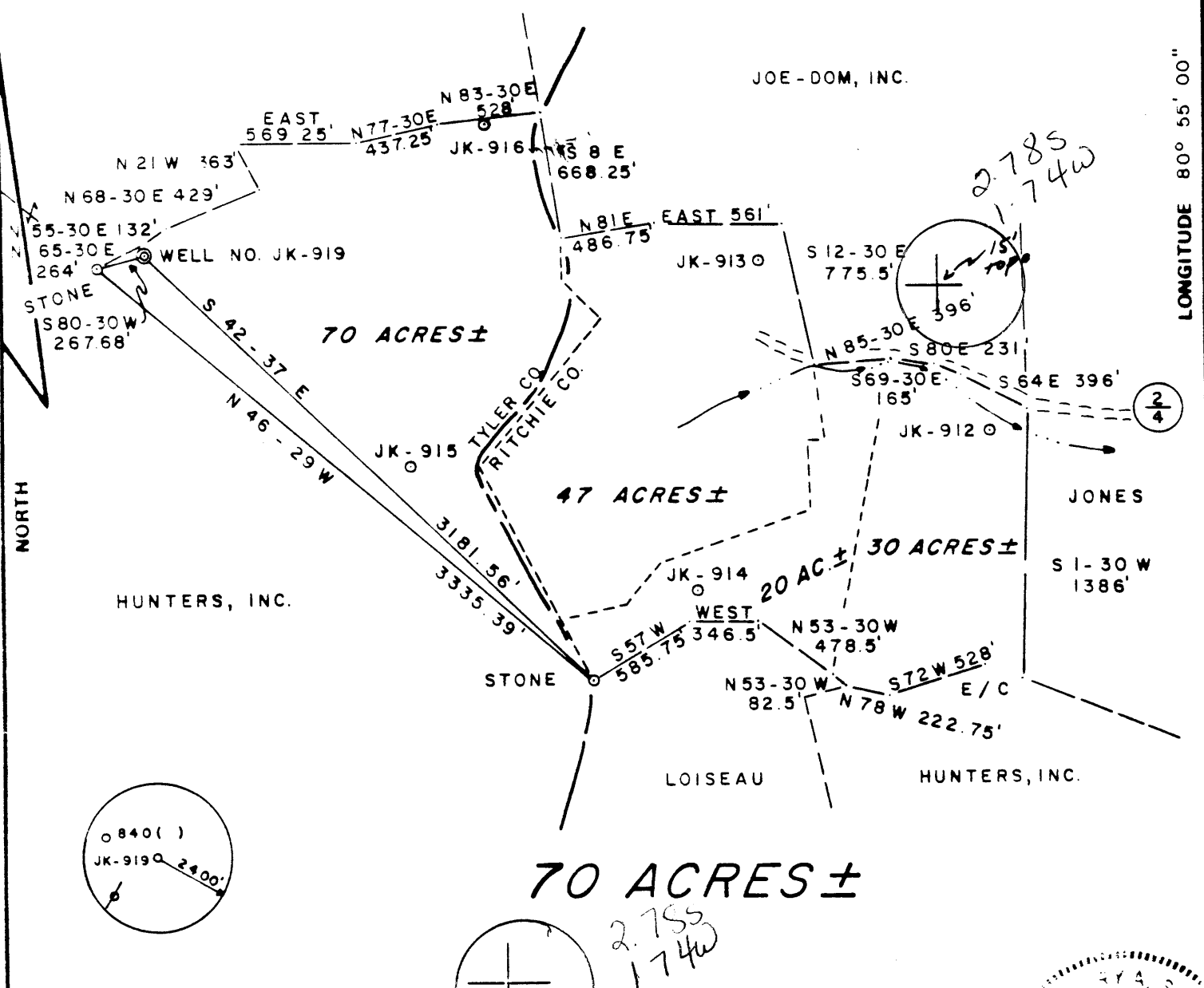
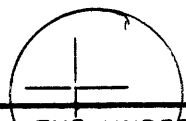
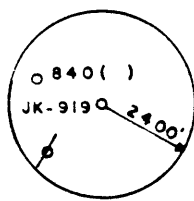


BISHOP LEASE WELL NO. JK-919

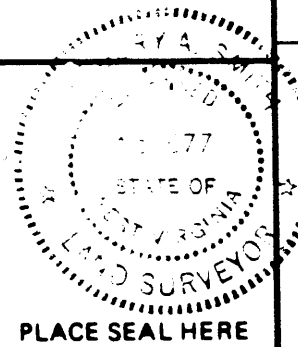


LONGITUDE 80° 55' 00"



FILE NO. 13-14
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BM ELEV. 997'

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 5, 1984
 OPERATOR'S WELL NO. JK-919
 API WELL NO. 47-095-1068
 STATE COUNTY PERMIT

WVDEP database
conc. 4/22/86

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION 1193' WATER SHED A BRANCH OF MEXIM CREEK
 DISTRICT MEADE COUNTY TYLER
 QUADRANGLE 492 MIDDLEBOURNE 7.5' West Union 15' W C4
 SURFACE OWNER OLEY J. & VELDA M. BISHOP ACREAGE 70 133
 OIL & GAS ROYALTY OWNER OLEY J. BISHOP et al. LEASE ACREAGE 70
 LEASE NO. JJ-1493

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&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

APR 23 1984



1) Date: March 19, 1984
 2) Operator's Well No. JK-919
 3) API Well No. 47 - 095 - 1068
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1193' Watershed: BRANCH OF MCKIM CREEK
 District: Meade County: Tyler Quadrangle: Pennsboro 7.5
 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff
 Address P.O. Box 48 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Lowther Name S.W. Jack Drilling Co.
 Address Gen. Delivery Address P.O. Box 48
Middlebourne, WV 26149 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, Devonian Shale
 12) Estimated depth of completed well, 5995 feet
 13) Approximate strata depths: Fresh, 70 feet; salt, 0 feet.
 14) Approximate coal seam depths: 250-55 Is coal being mined in the area? Yes

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	Left in well		
Conductor	11 3/4	H-40	42	X		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		1500 1293	1500 1293	To surface	NEAT & GAS DIVISION
Coal	8 5/8	ERW	23	x		1500	1500	To surface	DEPT. OF MINES
Intermediate									Sizes
Production	4 1/2	J-55	10.5	x		5950	5950	350 sks.	Depths set
Tubing									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

RECEIVED
 MAR 20 1984

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1068 Date April 19, 19 84

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 April 19, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>1503</u>	Agent: <u>LS</u>	Plat: <u>MAU</u>	Casing: <u>MW</u>	Fee: <u>1503</u>
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T. H. H. H.
 Administrator, Office of Oil and Gas

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

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

File