

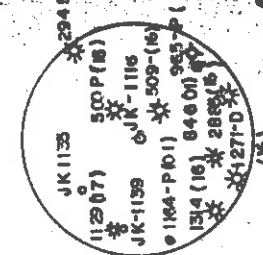
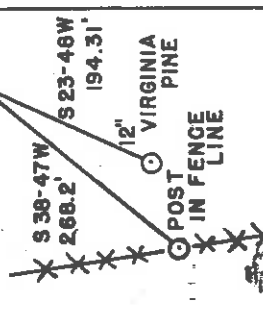
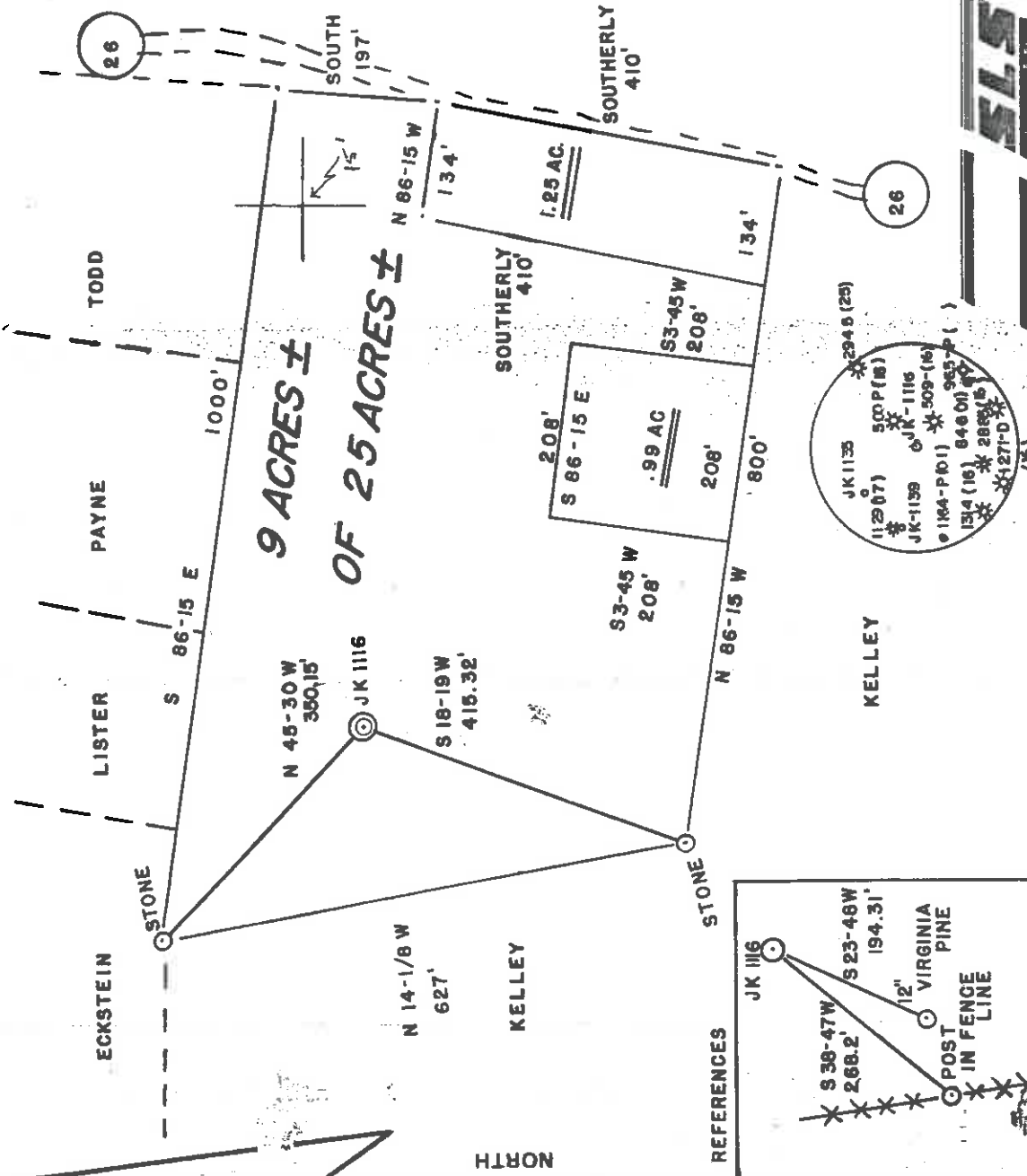
DIN 5-3 85

# HURST LEASE WELL NO. 1116

10790' 39020'

LATITUDE 39° 17' 30"

LONGITUDE 80° 50' 00"



FILE NO. 15-56  
 DRAWING NO. 1"=200'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION JUNC. OF ROADS  
 ELEV. 875

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

(+) 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 DECEMBER 31, 19 84  
 OPERATOR'S WELL NO. JK 1116  
 API WELL NO. 47-017-3432  
 STATE COUNTY PERMIT  
 CANCELLED

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS," PRODUCTION  STORAGE DEEP SHALLOW   
 LOCATION: ELEVATION 1011' WATER SHED LONG RUN  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 QUADRANGLE WEST UNION 7.5 ACREAGE 9  
 SURFACE OWNER JACK HOLT  
 OIL & GAS ROYALTY OWNER CARL HURST ET. AL. LEASE ACREAGE 25  
 LEASE NO. JK 129

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 DEVONIAN SHALE ESTIMATED DEPTH 5995'  
 WELL OPERATOR J.B.J. ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF  
 ADDRESS P.O. BOX 48 427 ADDRESS BUCKHANNON, WV 26201

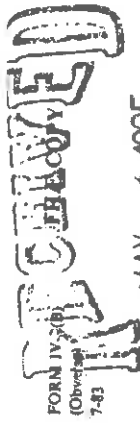
JUL 27 1987

DODD 3432

PLACE SEAL HERE







1) Date: January 3, 19 85  
 2) Operator's Well No. JK-1116  
 3) API Well No. 47 State -017-3432 County Permit

OIL & GAS DIVISION  
 DEPT. OF MINES  
 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: 1011' Watershed: Long Run  
 District: Central County: Doddridge Quadrange: West Union  
 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 Mike Underwood Name S.W. Jack Drilling  
 Address Rt. 2 Box 114 Address P.O. Box 48  
Salem, WV 26426 Buckhannon, WV 26201  
 10) PROPOSED WELL WORK: Drill  deeper  Redrill  Stimulate   
 Plug off old formation  Perforate new formation

11) GEOLOGICAL TARGET FORMATION, Devonian Shale  
 Other physical change in well (specify)

12) Estimated depth of completed well, 5995' feet  
 13) Approximate true depths: Fresh, 175' 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.	For drilling	Left in well		
Conductor	11 3/4	H-40	42	X	<u>20205</u> <u>2058</u>	<u>0 Sacks</u>	<u>by rule 15.05</u>
Fresh water	8 5/8	ERW	23	X	<u>1611'</u>	<u>To surface</u>	
Coal	8 5/8	ERW	23	X	<u>1611'</u>	<u>To surface</u>	
Intermediate							
Production Tubing	4 1/2	J-55	10.5	X	<u>5995'</u>	<u>300 Sacks</u>	
Liners						<u>or as required by rule 15-01</u>	

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3432 Date May 8 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 May 8 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>82</u>	<u>MW</u>	<u>MW</u>	<u>MW</u>	<u>1956</u>

Margaret J. Hagan  
 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

