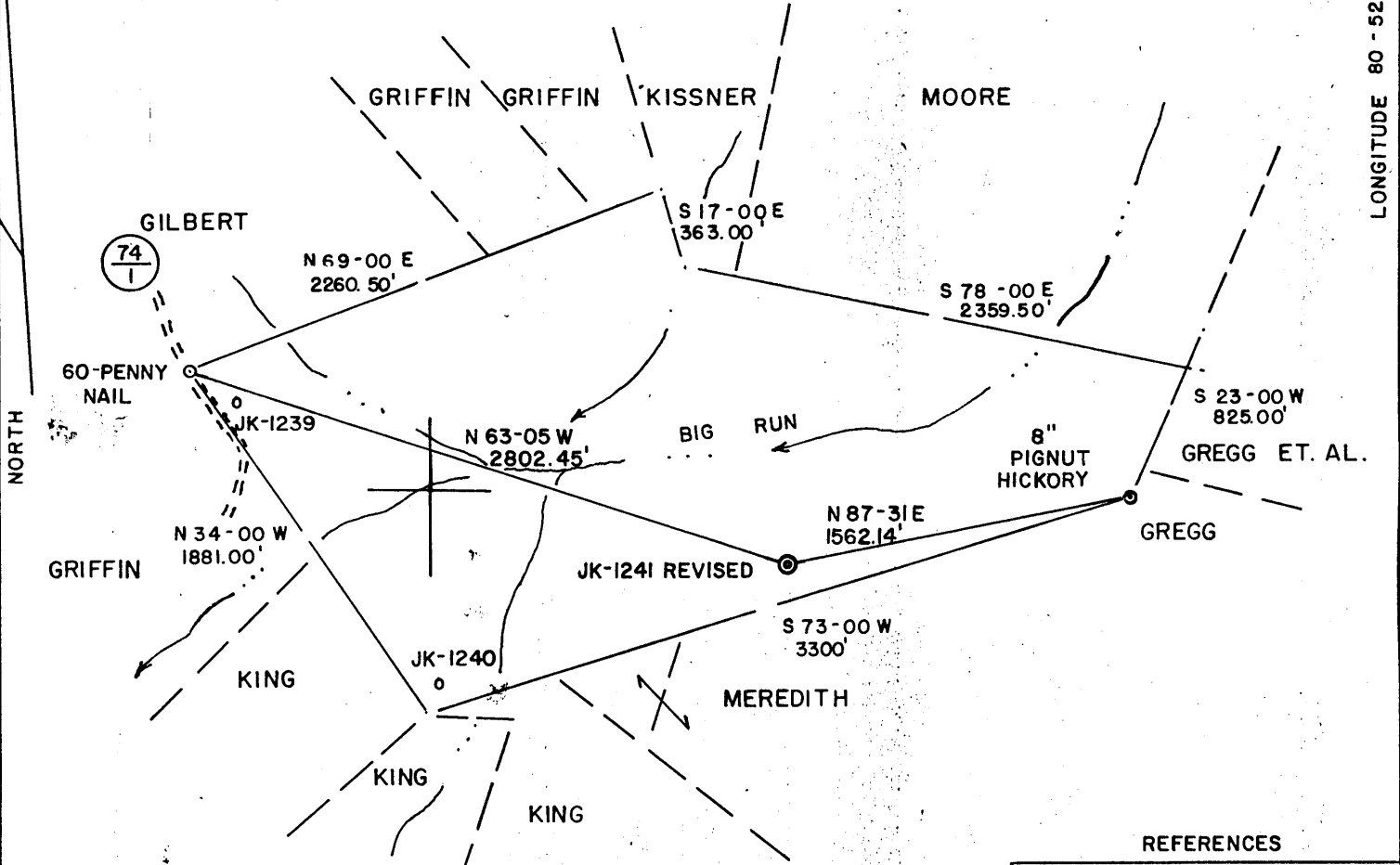


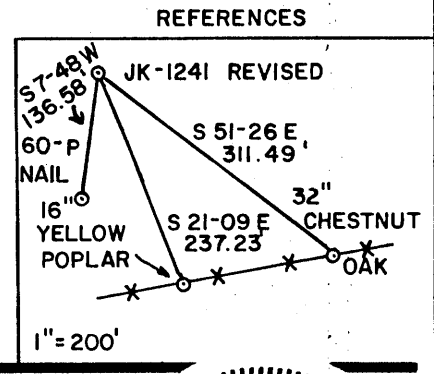
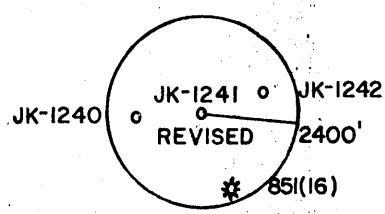
HESS LEASE

WELL NO. JK-1241 REVISED

LONGITUDE 80-52-30



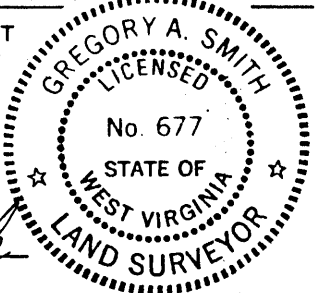
125 ACRES ±



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE OCT. 3, 19 85
 OPERATORS WELL NO. JK-1241 REVISED
 API WELL NO. 47 - 095 - 1117 REV.
 STATE COUNTY PERMIT
~~CANCELLED~~

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 ENERGY.

L.L.S. 677 *Gregory A. Smith*



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 17-65
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1199' SCALE 1"=800'



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1108' WATERSHED BIG RUN
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER O.W. GRIFFIN ACREAGE 125
 OIL & GAS ROYALTY OWNER GARNET I. HESS, et. al. LEASE ACREAGE 125
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF
 OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 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 ADDRESS P.O. BOX 48, BUCKHANNON, WV 26201

OCT 26 1987

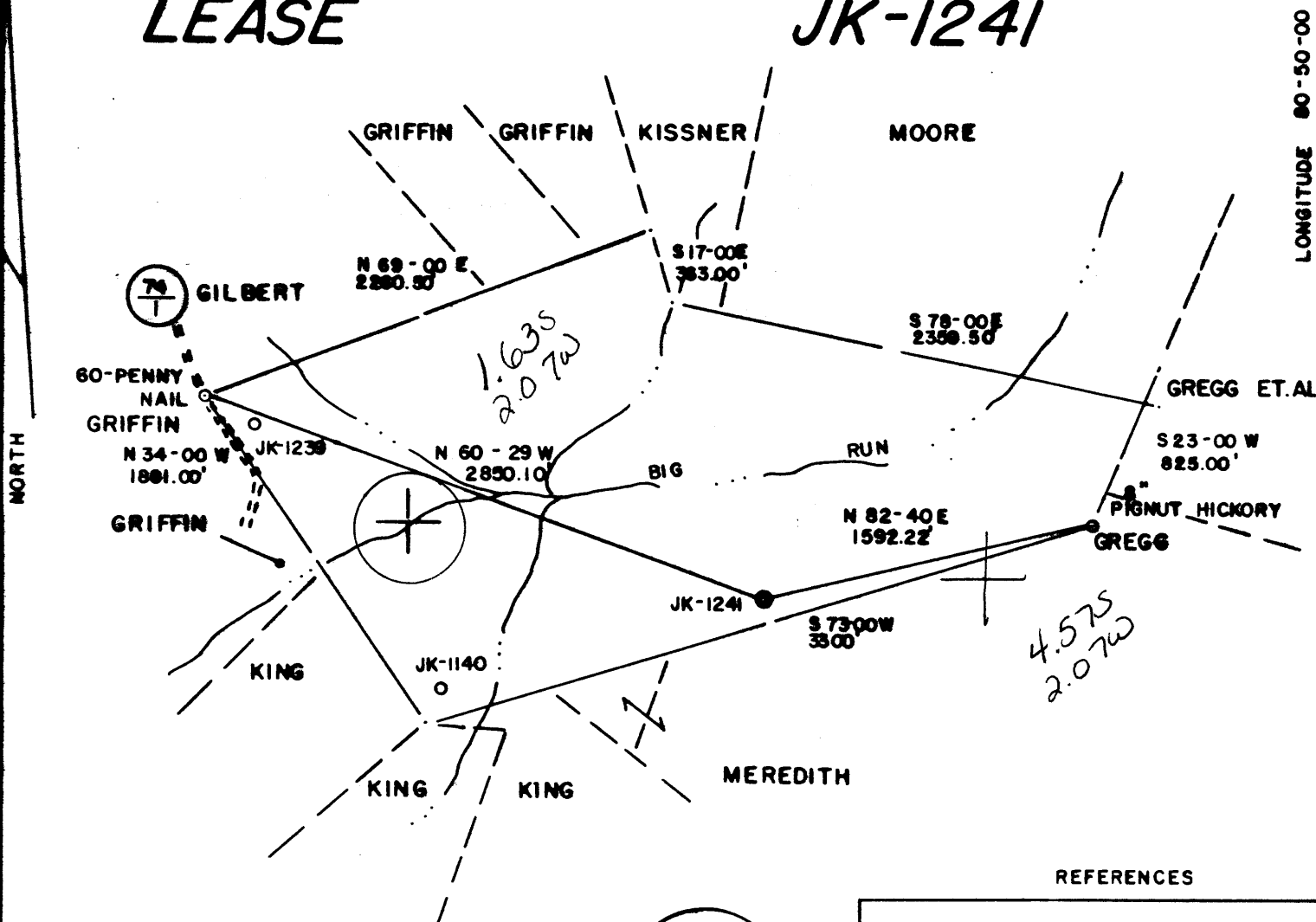
427

575

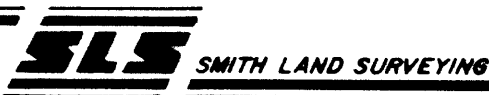
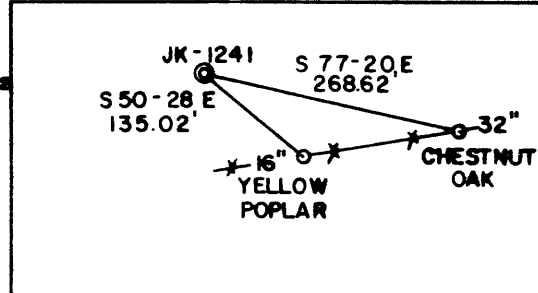
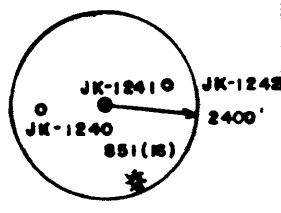
COUNTY NAME PERMIT

HESS LEASE

WELL NO. JK-1241

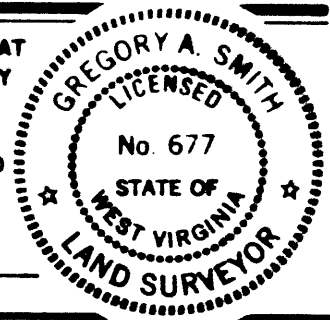


125 ACRES ±



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE SEPT. 9, 1985
 OPERATORS WELL NO. JK-1241
 API WELL NO. 47-095-1117
 STATE COUNTY PERMIT

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 ENERGY.
 L.L.S. 677 Gregory A. Smith



MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 17-65
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV = 1199' SCALE 1" = 800'



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1108' WATERSHED BIG RUN
 DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE WEST UNION 7.5' 671
 SURFACE OWNER O. W. GRIFFIN ACREAGE 125 123
 OIL & GAS ROYALTY OWNER GARNET I. HESS, et. al. LEASE ACREAGE 125 CS

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF ___ OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION RHINE STREET
 ESTIMATED DEPTH 599' OCT 15 1985

WELL OPERATOR J & J ENTERPRISES, INC DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 46 BUCKHANNON, WV 26201 ADDRESS P.O. BOX 46, BUCKHANNON, WV 26201

575

LONGITUDE 80-05-00

COUNTY NAME

PERMIT



1) Date: September 26, 1985
 2) Operator's Well No. JK-1241
 3) API Well No. 47-095-1117
 State _____ County _____ Permit _____

RECEIVED
SEP 30 1985

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: Oil / Gas / Under ground storage / Deep / Shallow / B (If "Gas", Production)
- 5) LOCATION: Elevation: 1108' Watershed: Big Run
 District: Centerville County: Tyler Quadrange: West Union 7.5'
- 6) WELL OPERATOR J & J Enterprises CODE: 24150 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
 Name Robert Lowther 9) DRILLING CONTRACTOR:
 Address General Delivery Name S.W. Jack Drilling Co.
Middlebourne, WV 26149 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, Rhine Street 441
- 12) Estimated depth of completed well, 5995' feet
- 13) Approximate strata depths: Fresh, 130' 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			Left in well
Conductor	1 3/4	H-40	42	X		30'	0'	0 Sacks	Kinds <u>by rule 15-05</u>
Fresh water	8 5/8	ERW	23	X		1108'	1108'	To Surface	
Coal	8 5/8	ERW	23	X		1108'	1108'	To Surface	
Intermediate									
Production	4 1/2	J-55	10.5	X		5995'	5945'	300 Sacks	Depths set <u>or as required by rule 15-01</u>
Tubing									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1117 Date October 2 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 October 2, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>RLB</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>2080</u>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas

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

File