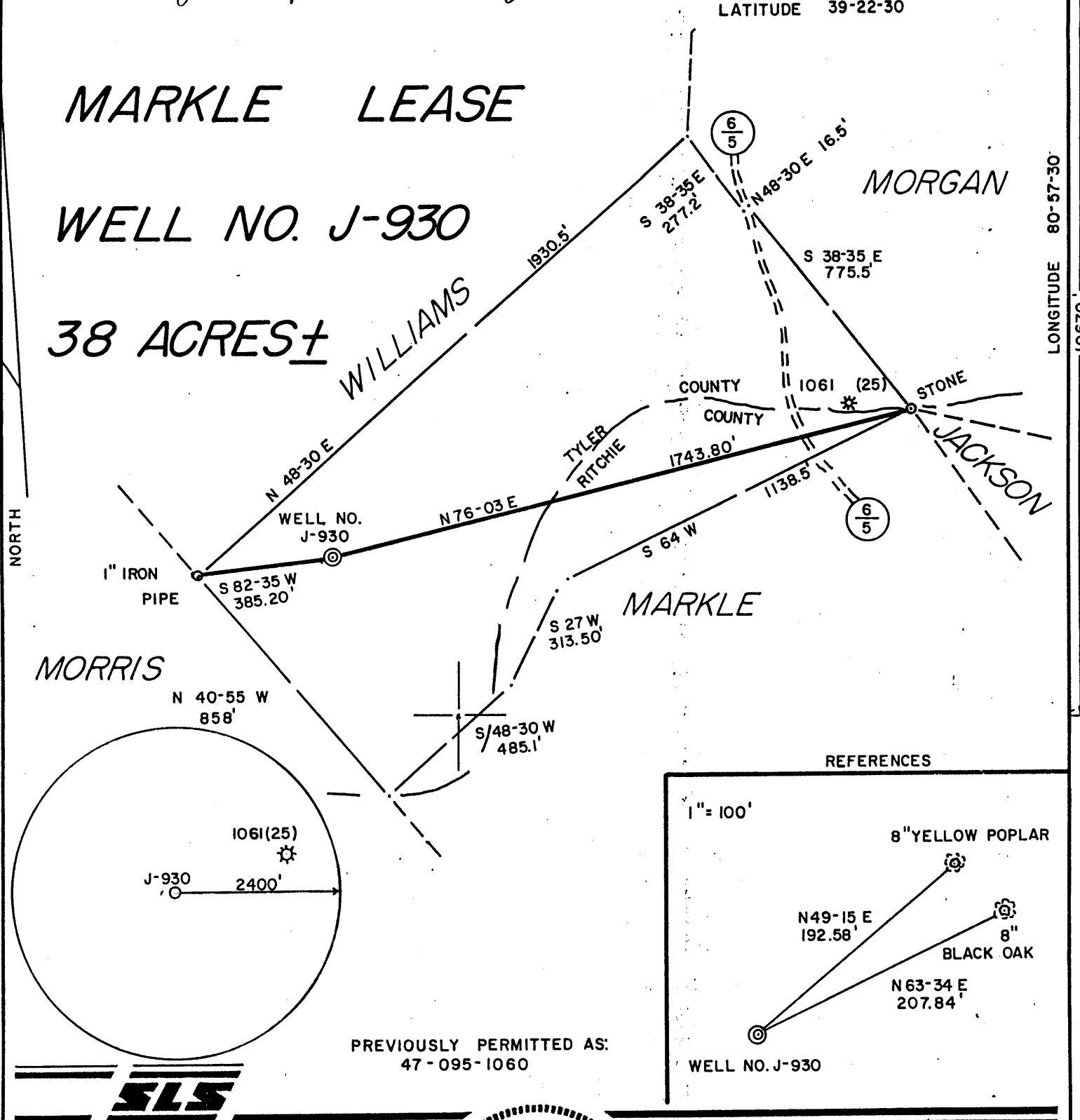


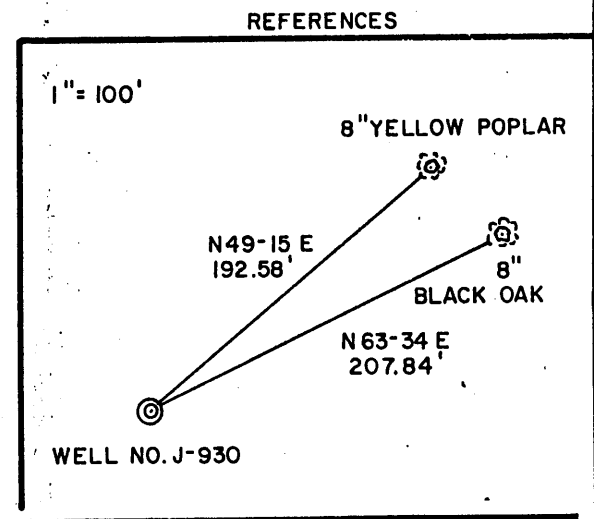
MARKLE LEASE

WELL NO. J-930

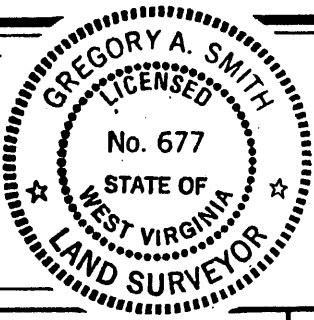
38 ACRES±



PREVIOUSLY PERMITTED AS:
47-095-1060



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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE SEPTEMBER 17, 19 87
OPERATORS WELL NO. J-930
API WELL NO. 47-095-1217
STATE WEST VIRGINIA COUNTY TYLER PERMIT Cancelled

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 883 (13-17)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1225' SCALE 1" = 400'

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 1059' WATERSHED BRUSH RUN
DISTRICT MEADE COUNTY TYLER QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER WILLIAM & JULIA MARKLE ACREAGE 38
ROYALTY OWNER WILLIAM B. MARKLE LEASE ACREAGE 38

PROPOSED WORK: LEASE NO. JJ-1498
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 BENSON
ESTIMATED DEPTH 5150'

WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT OLIVER L. HAWKINS, III APR 12 1988
ADDRESS PO BOX 48 BUCKHANNON, WV 26201 ADDRESS PO BOX 48 BUCKHANNON, WV 26201

88 10/21/87

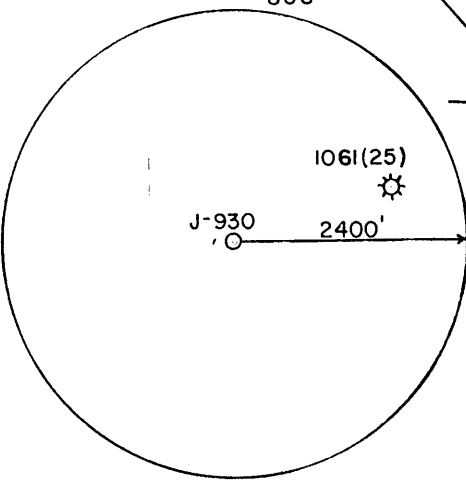
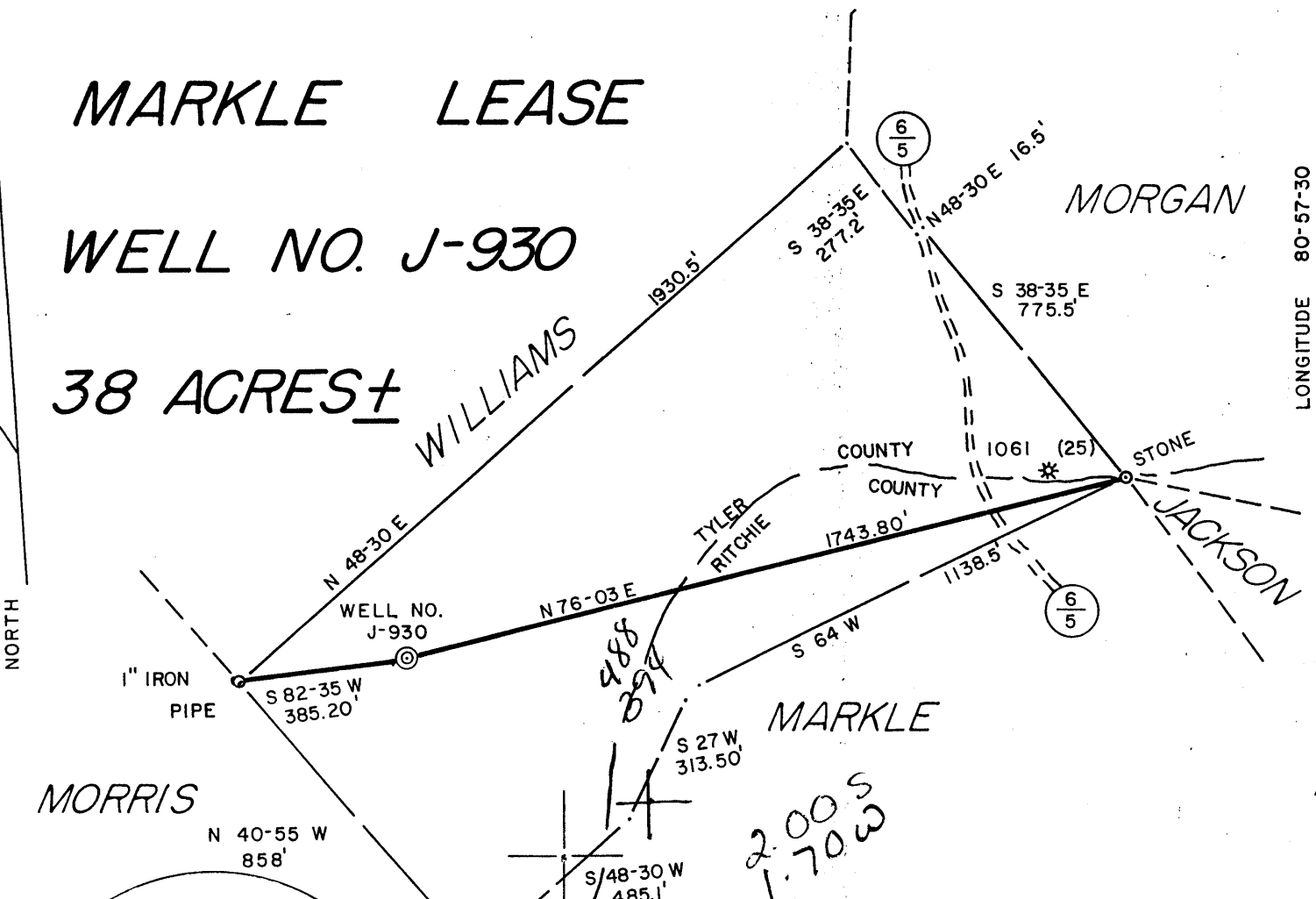
MARKLE LEASE

WELL NO. J-930

38 ACRES ±

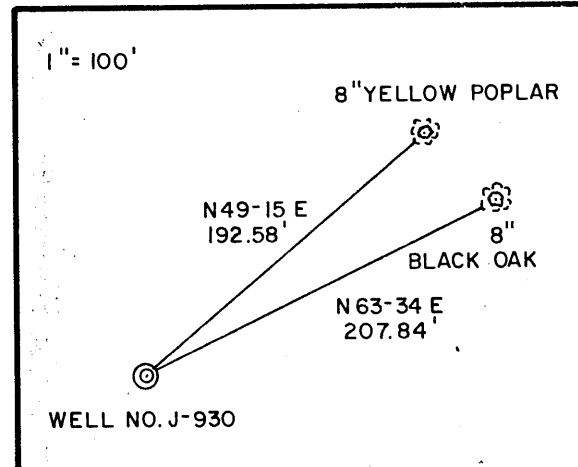
NORTH

LONGITUDE 80° 57' 30"



488
394
2.00 S
1.70 W

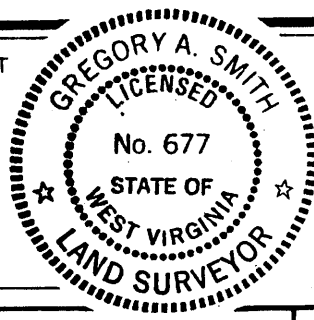
REFERENCES



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47-095-1060



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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE SEPTEMBER 17, 19 87

OPERATORS WELL NO. J-930

API WELL NO. 47 - 095 - 1217
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 883 (13-17)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. 1225' SCALE 1" = 400'

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 1059' WATERSHED BRUSH RUN
DISTRICT MEADE COUNTY TYLER QUADRANGLE PENNSBORO 7.5' 539

SURFACE OWNER WILLIAM & JULIA MARKLE ACREAGE 38 133
ROYALTY OWNER WILLIAM B. MARKLE LEASE ACREAGE 38 4

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 BENSON
ESTIMATED DEPTH 5150'

OCT 26 1987

WELL OPERATOR J & J ENTERPRISES, INC. 427 DESIGNATED AGENT OLIVER L. HAWKINS, III
ADDRESS PO BOX 48 BUCKHANNON, WV 26201 ADDRESS PO BOX 48 BUCKHANNON, WV 26201

575

COUNTY NAME PERMIT



1) Date: Sept. 3, 19 87
2) Operator's Well No. J-930
3) API Well No. 47 095 1217
State County Permit

7/1 RECEIVED
OCT 20 1987

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

- 4) WELL TYPE: A Oil Gas B (If "Gas", Production Underground storage Deep Shallow)
- 5) LOCATION: Elevation: 1059' Watershed: Brush Run District: Meade County: Tyler 095 Quadrangle: Pennsboro 7.5' 530
- 6) WELL OPERATOR J & J Enterprises CODE: 24150 7) DESIGNATED AGENT Oliver L. Hawkins, III
Address P.O. Box 48 427 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther 9) DRILLING CONTRACTOR: Name S.W. Jack Drilling Co.
Address General 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, Benson 425
- 12) Estimated depth of completed well, 5150 feet
- 13) Approximate strata depths: Fresh, 475 feet; salt, 1290, 1435, 1630 feet.
- 14) Approximate coal seam depths: N/A 590-595 Is coal being mined in the area? Yes No
From Ritchie 7535 From TVBER 1162 silt water

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	11 3/4	H40	42	X		30'	0	Kinds
Fresh water	8 5/8	ERW	23	X		1157'	1157'	To Surface by Rule <u>38CSR18-11.3</u>
Coal	8 5/8	ERW	23	X		1157'	1157'	To Surface <u>38CSR18-11.2.2</u>
Intermediate								
Production	4 1/2	J-55	10.5	X		5150'	5100'	As Required By Rule <u>38CSR18-11.1</u>
Tubing								
Liners								Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-095-1217 Date October 21 19 87

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 21, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>235</u> <u>2189</u>	WROP: <input checked="" type="checkbox"/>	SEP: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.
John A. Johnston by Margaret J. Hesse
Director, Division of Oil and Gas File

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

6285