

88 10/26/87
COONTZ

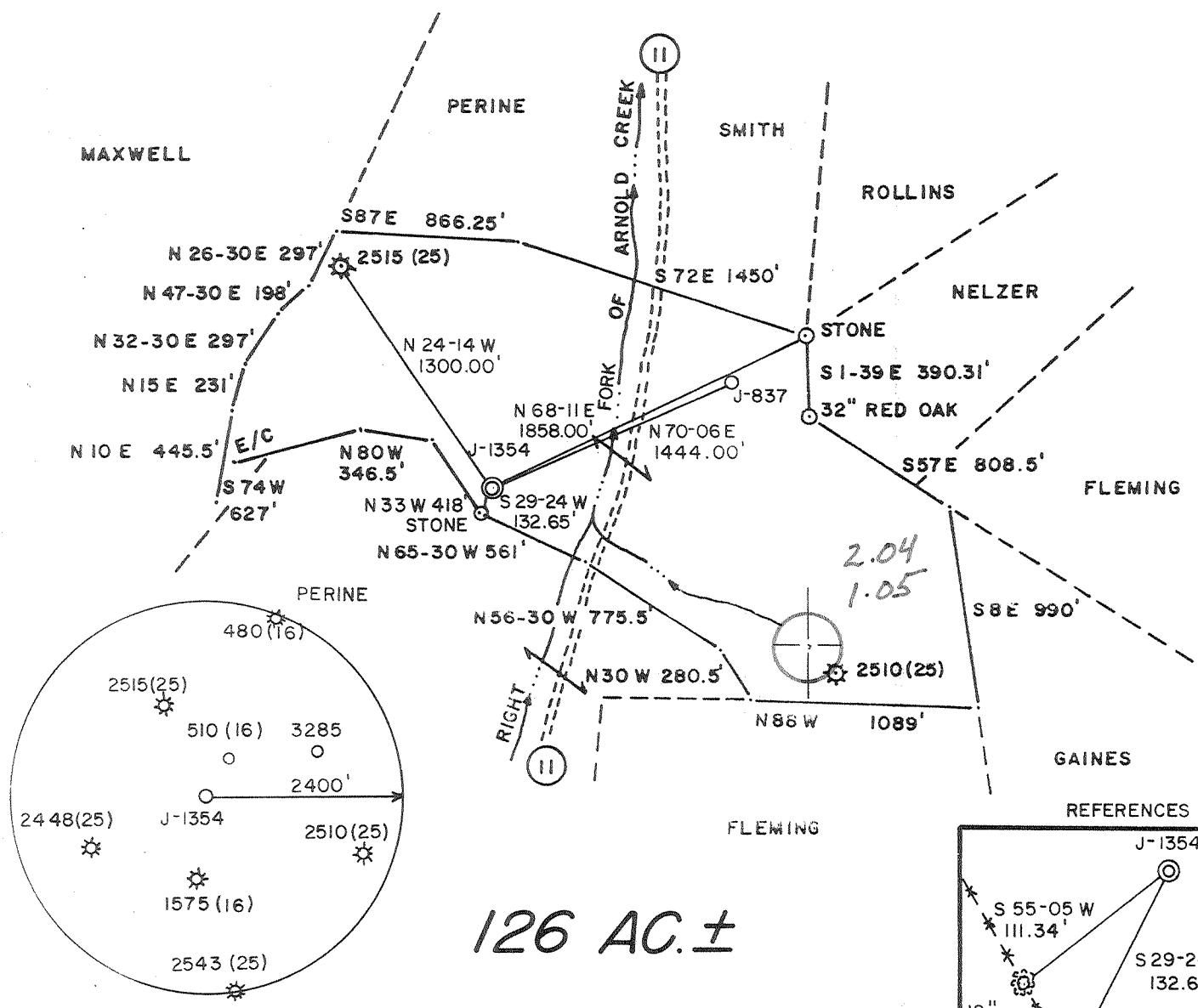
LATITUDE 39-17-30

LEASE

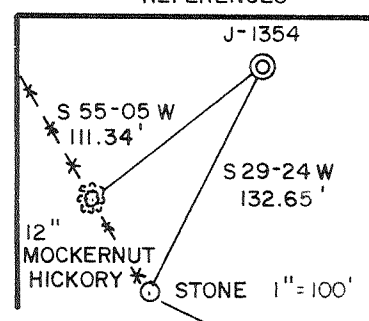
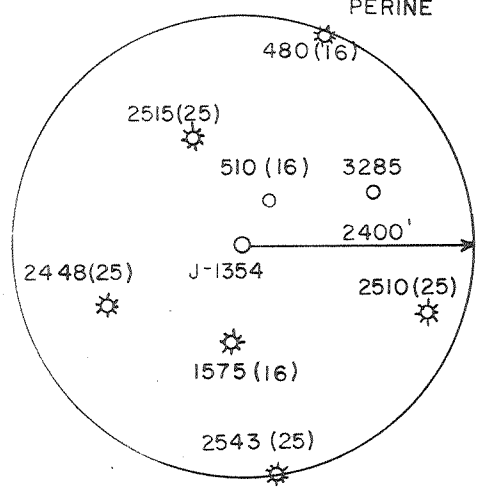
WELL NO. J-1354

LONGITUDE 80-47-30

NORTH



126 AC. ±

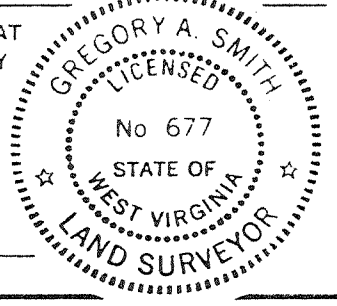


SLC SMITH LAND SURVEYING

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE OCTOBER 2, 1987
 OPERATORS WELL NO. J-1354
 API WELL NO. _____
47 - 017 - 3610
 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. Gregory A. Smith
 677



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 12-39, 22-11 (838)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1233' SCALE 1" = 800'



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 965' WATERSHED RIGHT FORK OF ARNOLD CREEK
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER PAUL E. & BARBARA L. IRONS ACREAGE 18 of 126
 OIL & GAS ROYALTY OWNER IVY COONTZ LEASE ACREAGE 126
 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 ALEXANDER
 ESTIMATED DEPTH 5700'

OR J&J ENTERPRISES, INC. DESIGNATED AGENT OLIVER LEE HAWKINS, III.
P.O. BOX 48 BUCKHANNON, WV. 26201 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201

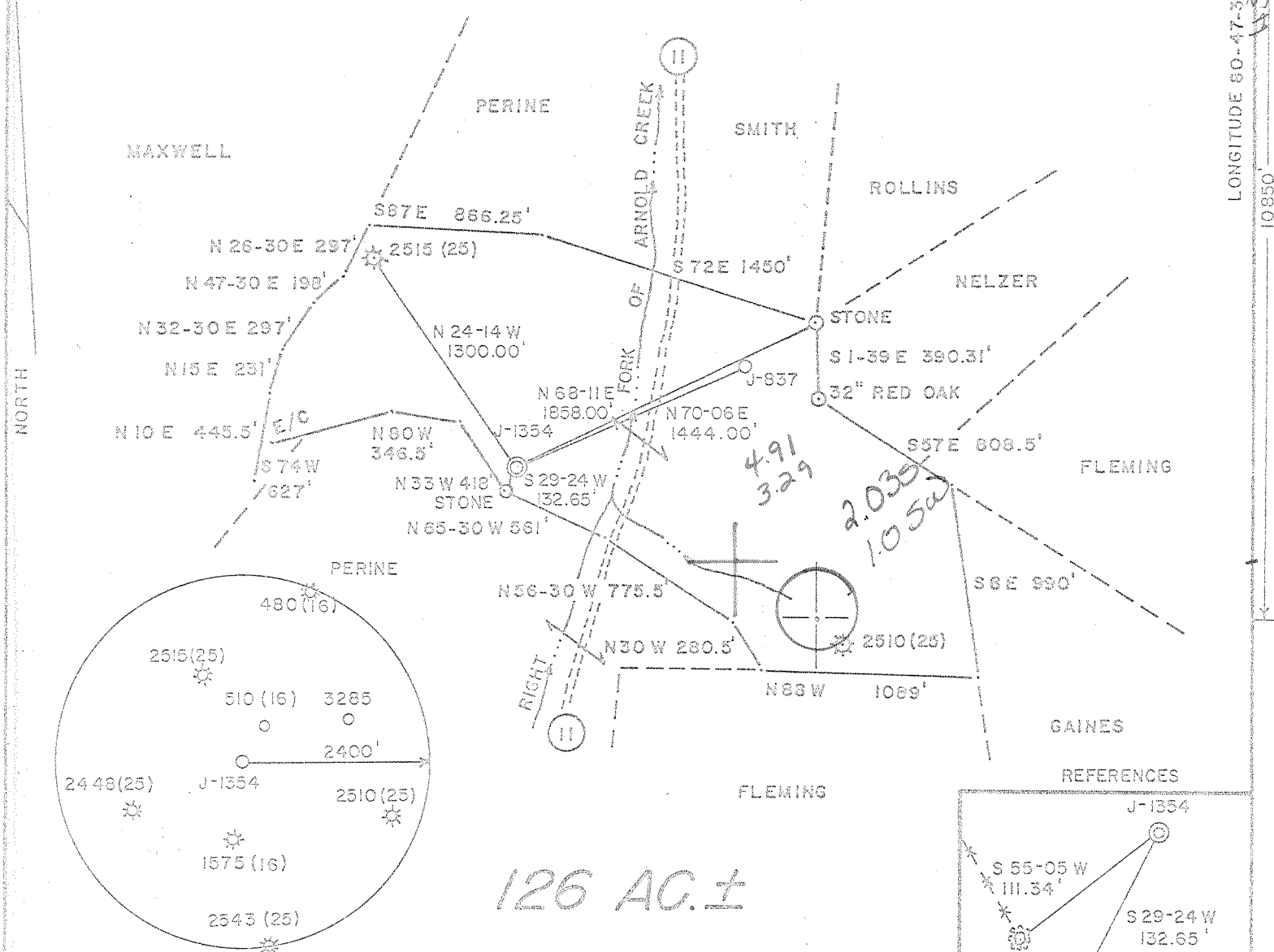
427

JAN 05 1990

COUNTY NAME DODDRIDGE PERMIT 3610

98210/26/87
COONTZ

LEASE WELL NO. J-1354



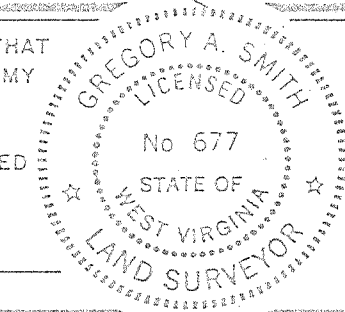
126 AC. ±

SMITH LAND SURVEYING

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE OCTOBER 2, 1987
 OPERATORS WELL NO. J-1354
 API WELL NO. 47 - 017 - 3610
 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.I.S. 677 *Gregory A. Smith*



MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 12-39, 22-11(838)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEV. = 1233' 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 965' WATERSHED RIGHT FORK OF ARNOLD CREEK
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5' 671
 SURFACE OWNER PAUL E. & BARBARA L. IRONS ACREAGE 18 of 126 133
 OIL & GAS ROYALTY OWNER IVY COONTZ LEASE ACREAGE 126 SE 9

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 ALEXANDER
 ESTIMATED DEPTH 5700'

DESIGNATED AGENT OLIVER LEE HAWKINS, III
 ADDRESS P.O. BOX 48 BUCKHANNON, WV 26201

(Obverse)
RECEIVED
OCT 23 1987



1) Date: Oct. 2, 1987
 2) Operator's Well No. J-1354
 3) API Well No. 47 State 017 County 3610 Permit

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 965' Watershed: Right Fork of Arnold Creek 670
 District: West Union County: Doddridge 017 Quadrangle: West Union 7.5'
- 6) WELL OPERATOR J & J Enterprises CODE: 24150 7) DESIGNATED AGENT Oliver L. Hawkins, III
 Address P.O. Box 43 427 Address P.O. Box 43
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 135 Address P.O. Box 43
Salem, WV 26426 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X /
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, ~~5700~~ 5700 feet
- 13) Approximate strata depths: Fresh, 100 feet; salt, N/A feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No X

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		200'	200'	CTS By Rule	15-05 38CSR18-11.3
Fresh water	8 5/8	ERW	23	X		1265'	1265'	CTS By Rule	15-05 38CSR18-11.22
Coal	8 5/8	ERW	23	X		1265'	1265'	CTS By Rule	15-05
Intermediate									
Production	4 1/2	J-55	10.5	X		5700'	5650'	By Rule	15-05 Depths set 38CSR18-11.1
Tubing									
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3610 November 10 19 87
 Date

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 November 10 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u> </u>	Agent: <u> </u>	Plat: <u> </u>	Casing <u> </u>	Fee <u>235</u> <u>2190</u>	WDOP <u> </u>	SEP <u> </u>	Other <u> </u>
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NOTE: Keep one copy of this permit posted at the drilling location. Director, Division of Oil and Gas File

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