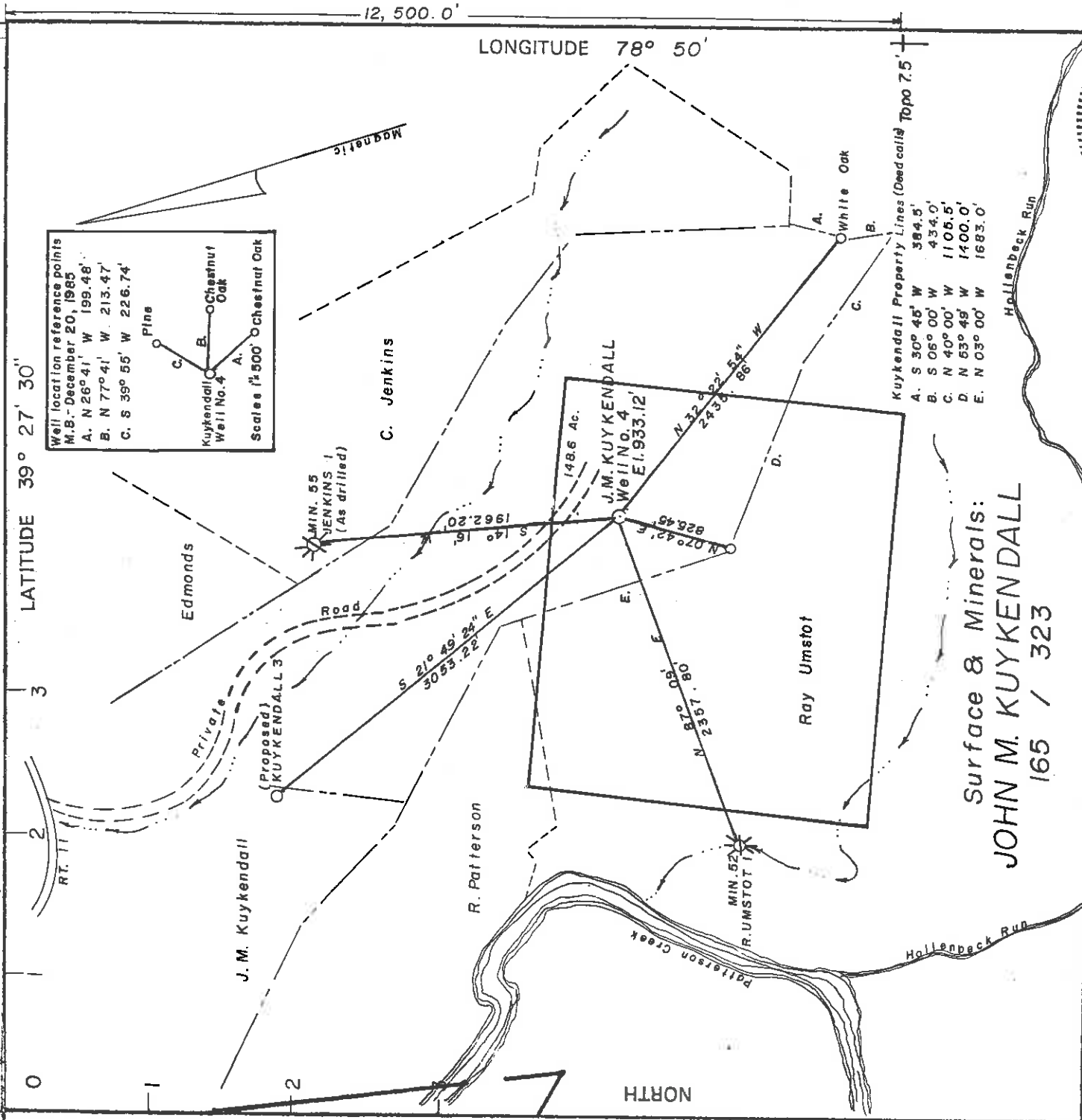


77 N 1-05-86



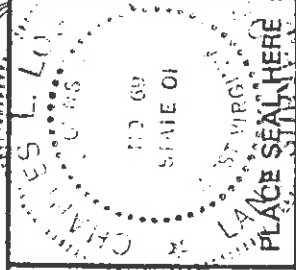
Well location reference points  
 M.S. - December 20, 1985  
 A. N 26° 41' W 199.48'  
 B. N 77° 41' W 213.47'  
 C. S 39° 55' W 226.74'

Kuykendall Well No. 4  
 A. Chestnut Oak  
 B. Chestnut Oak  
 C. Pine

Scales (1/2" = 500' Chestnut Oak)

Kuykendall Property Lines (Deed calls) Topo 7.5  
 A. S 30° 46' W 384.5'  
 B. S 06° 00' W 434.0'  
 C. N 40° 00' W 1106.5'  
 D. N 53° 45' W 1400.0'  
 E. N 03° 00' W 1683.0'

Surface & Minerals:  
**JOHN M. KUYKENDALL**  
 165 / 323



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, OIL AND GAS DIVISION (SIGNED) Charles L. Lloyd  
 R.P.E. L.L.S. 69

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. at Reeses Mill

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS FORM IV-6 (8-78)

DATE November 25, 1985  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. 47-057  
 STATE VA COUNTY CANOE PERMIT 0092  
 OIL AND GAS DIVISION CANCELLED

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW \_\_\_\_\_)

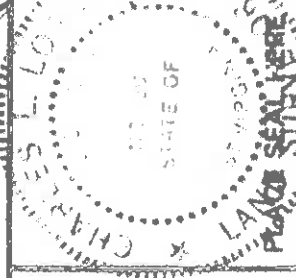
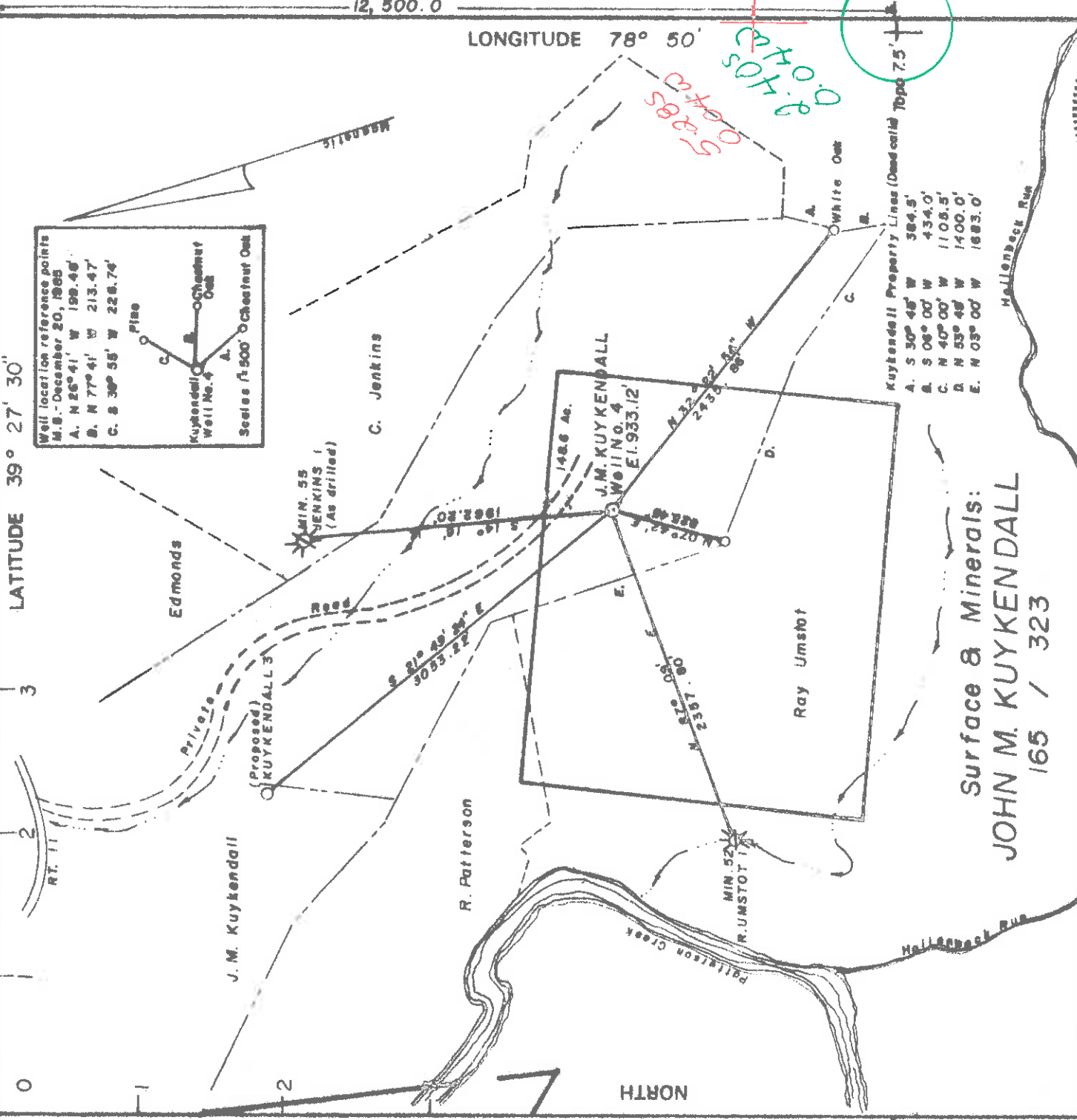
LOCATION: ELEVATION 933.12 WATERSHED Patterson Creek  
 DISTRICT Cabin Run COUNTY Mineral  
 QUADRANGLE Headsville

SURFACE OWNER John M. Kuykendall ACREAGE 127  
 OIL & GAS ROYALTY OWNER Kuykendall, Umstot LEASE NO. 216 / 762 LEASE ACREAGE 148.6 (pool acreage)

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 Keefer ESTIMATED DEPTH 4,500'  
 WELL OPERATOR WEVA Oil Corporation DESIGNATED AGENT Randall Lynch MAR 7 1989  
 ADDRESS 608 Main Street ADDRESS P.O. Box 181  
Hingham, Mass. 02043 942 Creston, W. Va. 26141

MAP 1-28-86  
0 1 2 3  
LATITUDE 39° 27' 30"  
LONGITUDE 78° 50'



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 in 200  
PROVEN SOURCE OF ELEVATION B.M. at Reeses Mill  
DATE November 25 1985  
OPERATOR'S WELL NO. \_\_\_\_\_  
API WELL NO. 47-057-0092  
STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION  
R.P.E. \_\_\_\_\_ L.L.S. 69

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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) John M. Kuykendall

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW \_\_\_\_\_  
LOCATION: ELEVATION 933.12 WATER SHED Patterson Creek  
DISTRICT Cabin Run COUNTY Mineral  
QUADRANGLE Headsville 344 065 062  
SURFACE OWNER John M. Kuykendall ACREAGE 127  
OIL & GAS ROYALTY OWNER Kuykendall, Umstot LEASE NO. 216 / 762 LEASE ACREAGE 48.6 (pool acreage)

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 Keifer ESTIMATED DEPTH 4,500'  
WELL OPERATOR WEVA Oil Corporation DESIGNATED AGENT Randall Lynch  
ADDRESS 608 Main Street ADDRESS P.O. Box 181  
Hingham, Mass. 02043 Creston, W. Va. 26141

JAN 21 1986





1) Date: November 22, 1985  
 2) Operator's Well No. 4 - J.M. Kuykendall  
 3) API Well No. 47-057-0092 State West Virginia County Permit

**RECEIVED**  
 DEC 13 1985

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

4) WELL TYPE: A Oil  Gas  B (If "Gas", Production  Undergrnd storage  Deep  Shallow   
 5) LOCATION: Elevation: 928.39 Watershed: Patterson Creek  
 District: Cabin Run GA 2 County: Mineral Quadrangle: Headsville  
 6) WELL OPERATOR WEVA Oil Corp. CODE: 5300 7) DESIGNATED AGENT Randall Lynch  
 Address 608 Main Street Address PO Box 181  
Hingham, Mass. 02043 Creston, WV 26141

8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Donald Ellis 9) DRILLING CONTRACTOR:  
 Address 2604 Crab Apple Lane Name Unknown at this time  
Fairmont, WV 26554 Address \_\_\_\_\_

10) PROPOSED WELL WORK: Drill  deeper  Redrill  Stimulate   
 Plug off old formation  Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_

11) GEOLOGICAL TARGET FORMATION, Keifer 525  
 12) Estimated depth of completed well, 4500 feet  
 13) Approximate trata depths: Fresh, 100 feet; salt, \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: No Coal 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		
Conductor	11-3/4			50		150	
Fresh water	8-5/8	X	23.0	X		1000	CTS by <i>Waukegan</i> CTS
Coal							Sizes _____
Intermediate							
Production	4-1/2	X	10.5	X		4500	1500 above perforations
Tubing							
Lin...							Perforations: _____
							Top _____
							Bottom _____

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-057-0092 Date January 15 1986

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 January 15, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <i>FLB</i>	Plat: <i>MMW</i>	Casing: <i>MMW</i>	Fee: <i>102</i>	WPCP: <i>MMW</i>	S&E: <i>MMW</i>	Other: _____
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*[Signature]*  
 Director, Division 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 \_\_\_\_\_

