

FILE NO. CR47-101
 MAP SQS
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Horner No. 4
(47-103-1386) = 1263'

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



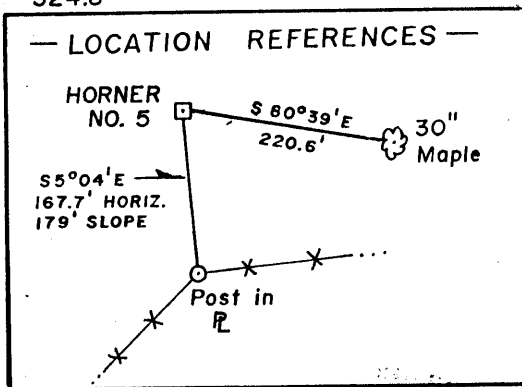
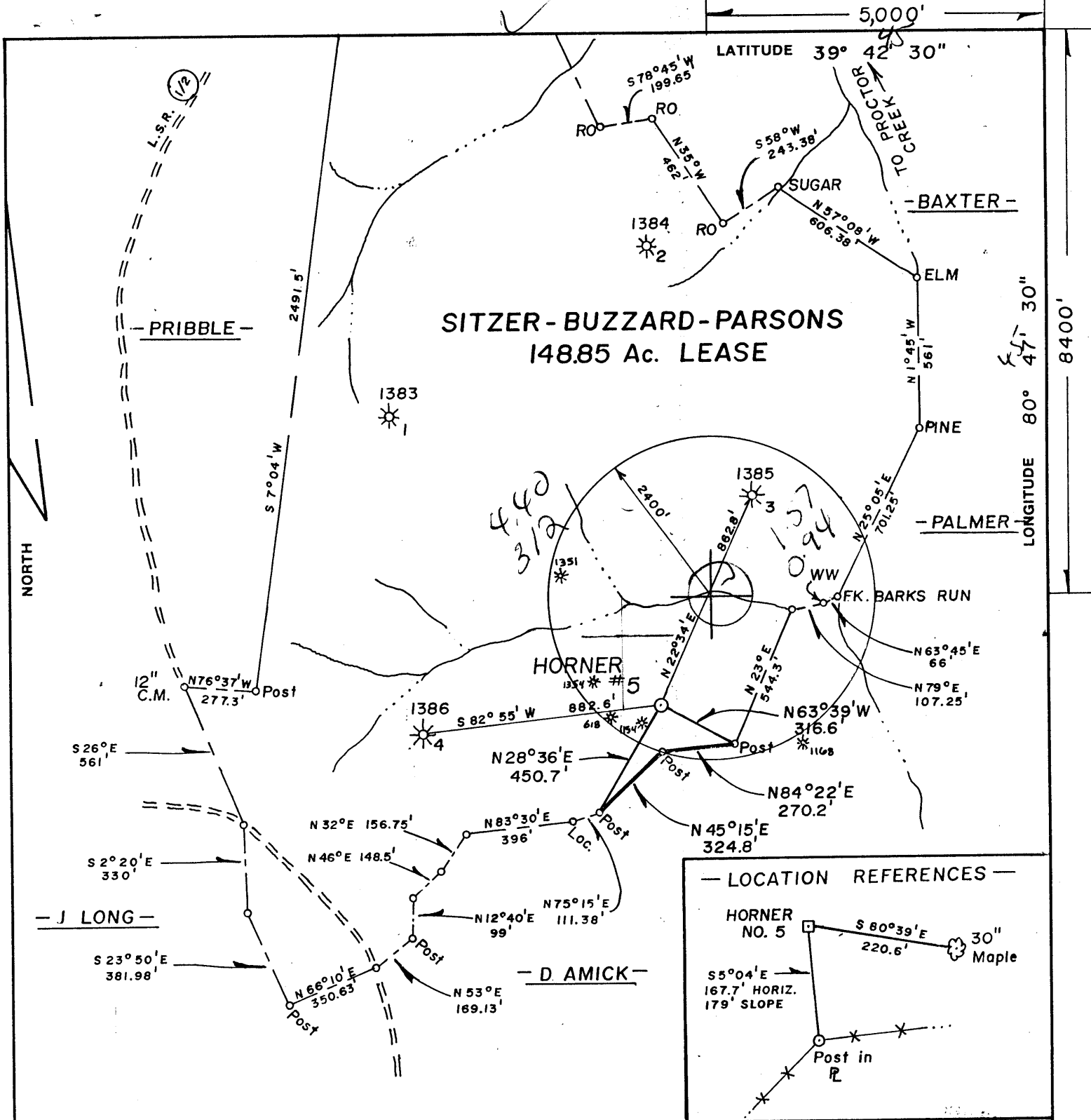
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1262' WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5'
 SURFACE OWNER W.A. HORNER - MARY HORNER ACREAGE 148.85
 OIL & GAS ROYALTY OWNER WILMA M. SITZER - MARY BUZZARD LEASE ACREAGE 148.85
 LEASE NO.
 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 GORDON ESTIMATED DEPTH 3,100'
 WELL OPERATOR CLAY RESOURCES, INC DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE MARIETTA, OHIO 45750 ADDRESS BOX 32 READER, W.VA. 26167

DATE Jan 12, 19 87
 FARM W A HORNER NO. 5
 API WELL NO. 47 - 103 - 1421
 STATE COUNTY PERMIT Cancelled

NET. 1421

JAN 19 1990



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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
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DATE Jan 12, 19 87
 FARM W A HORNER NO. 5
 API WELL NO. 47 - 103 - 1421

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1262' WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 0913
 SURFACE OWNER W.A. HORNER - MARY HORNER ACREAGE 148.85
 OIL & GAS ROYALTY OWNER WILMA M. SITZER - MARY BUZZARD LEASE ACREAGE 148.85

LEASE NO.
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

OCT 12 1987

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION GORDON ESTIMATED DEPTH 3,100'
 WELL OPERATOR CLAY RESOURCES, INC DESIGNATED AGENT ANDY BROWN
 ADDRESS 204 UNION SQUARE MARIETTA, OHIO 45750 172 ADDRESS BOX 32 READER, W.VA. 26167

FORM IV-6 (8-78)

RECEIVED
FEB 17 1987



1) Date: February 4, 1987
 2) Operator's Well No. Horner #5
 3) API Well No. 47 103 1421
 State County Permit

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: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1262' / Watershed: Proctor Creek
 District: Proctor / County: Wetzel 103 / Quadrangle: NEW MARTINSVILLE 508
- 6) WELL OPERATOR Clay Resources, Inc / CODE: 10025 / 7) DESIGNATED AGENT Andy Brown
 Address: 286 Front Street / Address: Box 32
Marietta, Ohio 45750 / Reader, WV 26167
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / 9) DRILLING CONTRACTOR:
 Name: Mike Underwood / Name: Unknown
 Address: Route 2, Box 135 / Address: _____
Salem, WV 26426
- 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, Gordon 49
 12) Estimated depth of completed well, 3100' feet
 13) Approximate strata depths: Fresh, _____ feet; salt, 2241 feet.
 14) Approximate coal seam depths: 1062' 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									Kinds
Fresh water	8 5/8					1462'	1462'	CT5	Per rule 15.05
Coal									Sizes
Intermediate									
Production	4 1/2					3100 approx.	3100' approx.	500+ SKS	Depths set per rule 15.01
Tubing									
Lin.									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1421 Date October 9 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 9, 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: <u>AS</u>	Casing: <u>MS</u>	Fee: <u>4373</u>	WPCP: <u>MS</u>	S&E: <u>MH</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

John 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.