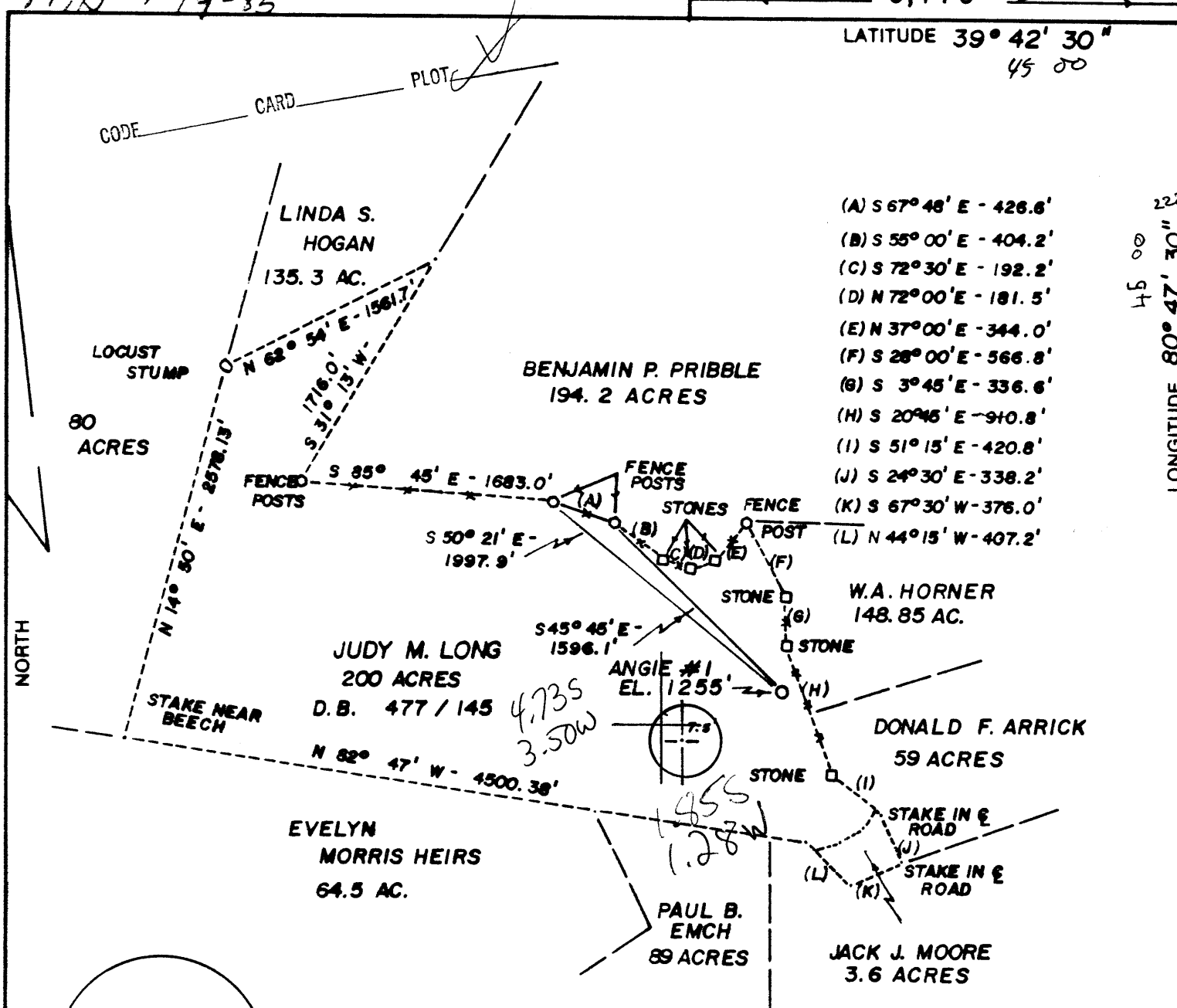


MN 7-19-85

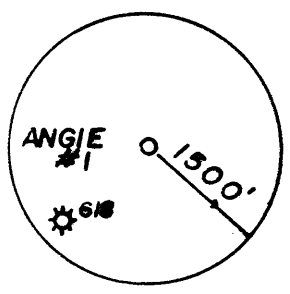
6,770' 28

LATITUDE 39° 42' 30" 45 00



- (A) S 67° 48' E - 426.8'
- (B) S 55° 00' E - 404.2'
- (C) S 72° 30' E - 192.2'
- (D) N 72° 00' E - 181.5'
- (E) N 37° 00' E - 344.0'
- (F) S 28° 00' E - 566.8'
- (G) S 3° 45' E - 336.6'
- (H) S 20° 45' E - 910.8'
- (I) S 51° 15' E - 420.8'
- (J) S 24° 30' E - 338.2'
- (K) S 67° 30' W - 376.0'
- (L) N 44° 15' W - 407.2'

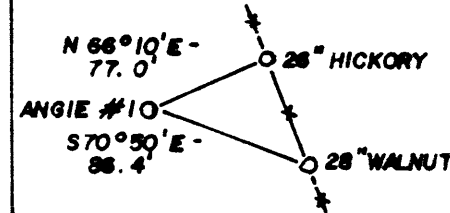
LONGITUDE 80° 47' 30" 45 00



NEW MARTINSVILLE 7.5'

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

REFERENCE POINTS



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 : 200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
1326'

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) Paul K. Marshall  
 R.P.E. \_\_\_\_\_ L.L.S. 580

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 1, 19 85  
 OPERATOR'S WELL NO. ANGIE #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1255' WATERSHED HAYNES RUN  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE NEW MARTINSVILLE 7.5' 509 091 NE 3  
 SURFACE OWNER JUDY M. LONG ACREAGE 200 AC.  
 OIL & GAS ROYALTY OWNER JUDY M. LONG LEASE ACREAGE 200 ACRES

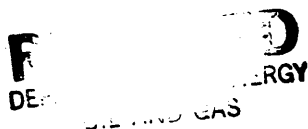
LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 3500' 6-6 Cameron-Garner (23)  
 WELL OPERATOR CLAY RESOURCES INC. 172 DESIGNATED AGENT ANDY BROWN  
 ADDRESS 204 UNION SQUARE MARIETTA, OHIO 45750 ADDRESS P.O. BOX 32 READER WV 26167

COUNTY NAME PERMIT

AUG 8 1985

WR-35



Date February 6, 1986  
Operator's  
Well No.                      Angle # 1  
Farm Judy Long  
API No. 47 - 103 - 1354

State of West Virginia

DEPARTMENT OF ENERGY  
Oil and Gas Division

FEB 21 1986

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X/ Gas X/ Liquid Injection    / Waste Disposal    /  
(If "Gas," Production X/ Underground Storage    / Deep    / Shallow    /)

LOCATION: Elevation: 1255' Watershed Haynes Run  
District: Proctor County Wetzel Quadrangle New Martinsville 7.5'

COMPANY Clay Resources, Inc.

ADDRESS 204 Union Square, Marietta, OH 45750

DESIGNATED AGENT Andy Brown

ADDRESS Box 32, Reader, WV 26167

SURFACE OWNER Judy M. Long

ADDRESS 230 Lang Drive, New Martinsville, WV

MINERAL RIGHTS OWNER Judy M. Long

ADDRESS 230 Lang Dr. New Martinsville, WV 26155

OIL AND GAS INSPECTOR FOR THIS WORK                     

Robert Lowther ADDRESS Gen. Del. Middlebourne, WV

PERMIT ISSUED July 29, 1985

DRILLING COMMENCED 8-26-85

DRILLING COMPLETED 8-30-85

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON                     

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		1455'	360 SKS
7			
5 1/2			
4 1/2		2926'	200 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Depth 3500' feet

Depth of completed well 2926' feet Rotary X / Cable Tools                     

Water strata depth: Fresh                      feet; Salt 2235 feet

Coal seam depths: 1045' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2856-3500 feet

Gas: Initial open flow 30 Mcf/d Oil: Initial open flow -0- Bbl/d

Final open flow 35 Mcf/d Final open flow -0- Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 330 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation                      Pay zone depth                      feet

Gas: Initial open flow                      Mcf/d Oil: Initial open flow                      Bbl/d

Final open flow                      Mcf/d Oil: Final open flow                      Bbl/d

Time of open flow between initial and final tests                      hours

Static rock pressure                      psig (surface measurement) after                      hours shut in

(Continue on reverse side)

MAR 3 1986

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforations - 12 shots 2858' - 2870'  
 8 shots 2873' - 2879'

Frac - Gelled H<sub>2</sub>O - Nitrogen Assist

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SS shale			0	518	
Limestone Shale			518	900	
Sand, Shale & Limestone			900	1400	
Shale & Limestone			1400	2100	
Shale			2100	2450	Injun 2004 - 2164 <i>see log</i> Squaw 2220 - 2240
Sand & Shale			2450	2600	
Sand			2600	2700	Berea 2608 - 2616
Sand & Shale			2700	2850	
Shale			2850	2926	Gordon - 2856 - 2880

(Attach separate sheets as necessary)

CLAY RESOURCES, INC.

Well Operator

By: Sandra L. Schaefer V.Pres. Operations

Date: February 17, 1986

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ~~all~~, encountered in the drilling of a well."

