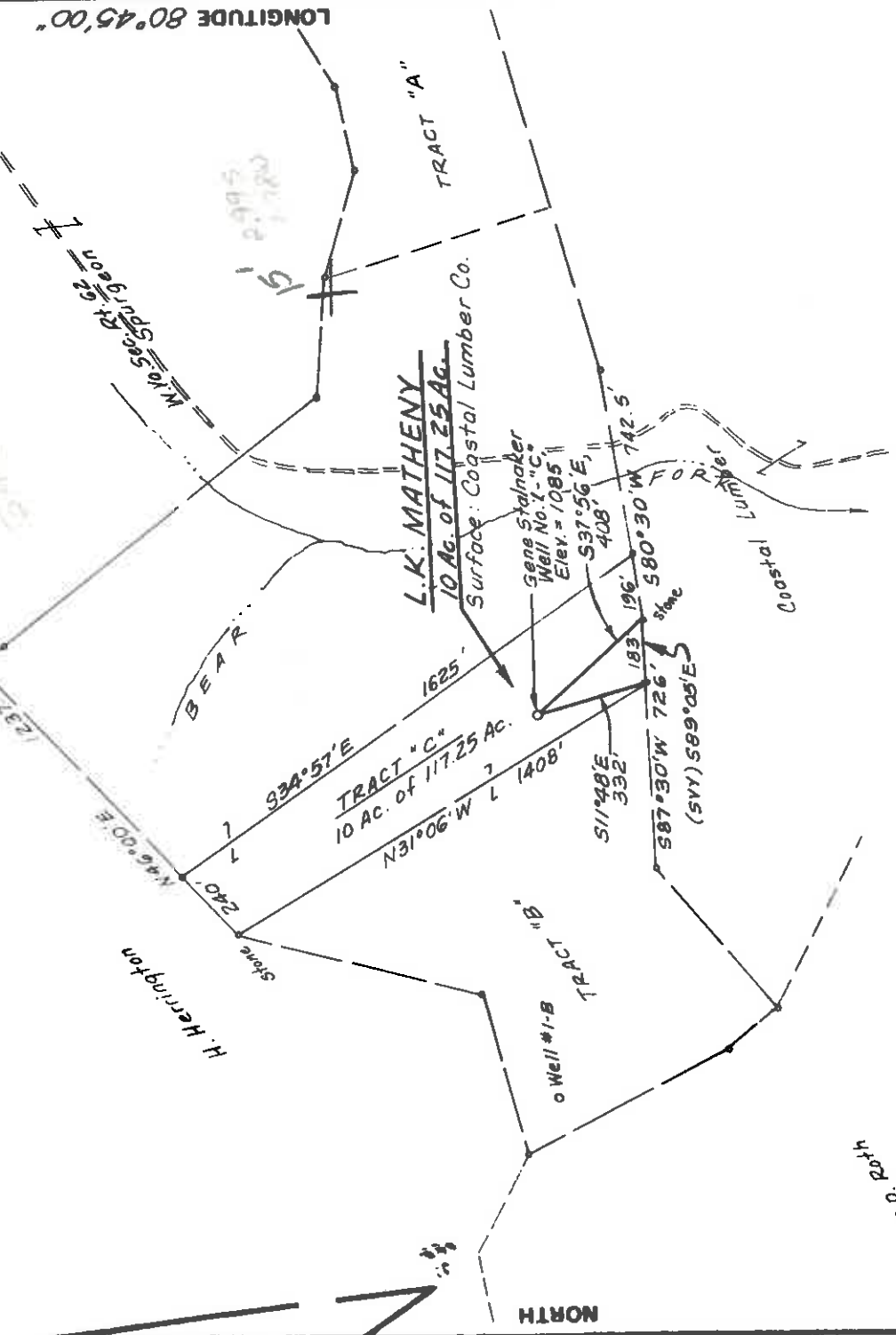


LATITUDE 39°07'30"

LONGITUDE 80°45'00"

Plot 775-1801 COAL well  
 Location Unknown  
 A.P.T. No.  
 Wells Within 1200' 0-115  
1-190



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOWN NE OF LOCATION, ELEV. = 1337

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

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.  
Mark C. Echard  
 MARK C. ECHARD  
 (SIGNED) \_\_\_\_\_ R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE SEPTEMBER 29, 1983  
 OPERATOR'S WELL NO. ONE - "C"  
 API WELL NO. \_\_\_\_\_

47 - 017 - 3266  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1085' WATER SHED BEAR FORK COVE COUNTY DDDRIDGE

QUADRANGLE AUBURN 7.5' ACREAGE 117.25  
 SURFACE OWNER COASTAL LUMBER CO.  
 OIL & GAS ROYALTY OWNER L.K. MATHENY LEASE ACREAGE 10 of 117.25

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 2800'  
 WELL OPERATOR GENE STALAKES, INC DESIGNATED AGENT GENE STALAKER  
 ADDRESS PO. BOX 178-220 W. MAIN ST. GLENVILLE, W.VA. 26351

NOV 14 1983

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

14 shots in the Warren sandstone from 3304' - 3374' 70 feet

3374'  
3372'  
3370'  
3368'  
3346'  
3344'  
3340'  
3336'  
3334'  
3332'  
3314'  
3308'  
3306'  
3304'

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			0	10	
Red rock and slate			10	325	
Shale			325	420	
Sand			420	580	
Slate			580	765	
Shale			765	880	
Sand			880	1000	
Shale			1000	1180	
Red rock			1180	1240	
Shale			1240	1380	
Sand			1380	1455	
Slate			1455	1535	
Shale			1535	1680	
Sand			1680	1742	
Shale			1742	1850	
Lime			1850	2030	
Injun			2030	2090	
Silty Sand			2090	2122	
Shale			2122	2200	
Weir			2200	2240	
Shale			2240	2496	
Cantz			2496	2407	
Shale			2407	2485	
Silty Sand			2485	2535	
Gordon			2535	2545	
Silty Sand			2545	2550	
Shale			2550	2620	
Beara			2620	2630	
Shale			2630	2690	
Silty Sand			2690	2770	
Shale			2770	2870	
Silty Sand			2870	3304	
Warren			3304	3500	
Shale			3500	3555	
Total Depth					

**RECEIVED**  
NOV 19 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

Big A Oil Company  
Well Operator  
By: A. D. Steed, Agent  
Date: 12/12/83

Note: Regulation 2.02(v) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."



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NOV 19 1987

Date December 12, 1983  
Operator's Matheny  
Well No. #1C  
Farm Matheny  
API No. 47 - 017 - 3266

State of West Virginia  
Department of Oil and Gas  
Division

**DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY**

**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 / Underground Storage / Deep / Shallow X)

LOCATION: Elevation: 1085' Watershed Bear Fork  
District: Cove County Doddrige Quadrangle Auburn

COMPANY Big A Oil Company  
ADDRESS Box 83, Harrisville, WV 26362  
DESIGNATED AGENT A. D. Steed  
ADDRESS Box 83, Harrisville, WV 26362  
SURFACE OWNER Coastal Lumber Company  
ADDRESS Buckhannon, WV 26201  
MINERAL RIGHTS OWNER L. K. Matheny  
ADDRESS Troy, WV

OIL AND GAS INSPECTOR FOR THIS WORK Mike

Underwood ADDRESS Salem, WV

PERMIT ISSUED 10/24/83

DRILLING COMMENCED 11/25/83

DRILLING COMPLETED 12/02/83

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 Cased.			
13-10"			
9 5/8			
8 5/8	1212'	1212'	to surface
7			
5 1/2			
4 1/2	3555'	355'	1465' cement fill up
3			
2			
Liners used:			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 1465 feet

Depth of completed well 3555 feet Rotary X / Cable Tools

Water strata depth: Fresh 135 feet; Salt n/a feet

Coal seam depths: n/a Is coal being mined in the area? n/a

**OPEN FLOW DATA**

Producing formation Warren Pay zone depth 70 feet

Gas: Initial open flow 223,000 Mcf/d Oil: Initial open flow no show Bbl/d

Final open flow 223,000 Mcf/d Final open flow no show Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 500 psig (surface measurement) after 24 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)



1) Date: October 24, 19 83  
 2) Operator's Matheny 1C  
 Well No.  
 3) API Well No. 47-017-3266  
 State County Permit

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

4) WELL TYPE: A OIL  Gas   
 B (If "Gas", Production   
 5) LOCATION: Elevation: 1085  
 District: Cove  
 Undergroud storage  Deep  Shallow   
 Watershed: Bear Fork  
 County: Doddridge  
 6) WELL OPERATOR Gene Stalnak, Inc.  
 Address P.O. Box 178  
Glenville, WV 26351  
 Quadrangle: Auburn 7.5  
 7) DESIGNATED AGENT Gene Stalnak  
 Address P.O. Box 178  
Glenville, WV 26351  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Mike Underwood  
 Address Box 114 Salem, WV  
782-1043  
 9) DRILLING CONTRACTOR:  
 Name Gene Stalnak, Inc.  
 Address P.O. Box 178  
Glenville, WV 26351  
 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_

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OCT 25 1983

11) GEOLOGICAL TARGET FORMATION, Gordon  
 Estimated depth of completed well, 2800 feet  
 12) Approximate trats depths: Fresh, 135 feet; salt, \_\_\_\_\_ feet.  
 13) Approximate coal seam depths: \_\_\_\_\_ feet.  
 14) Approximate coal seam depths: n/a  
 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)	Kinds	Sizes	Depths act	Perforations: Top Bottom
	Size	Grade	Weight per ft.	New	Used					
Conductor	11 3/4					40'				
Fresh water										
Coal										
Intermediate	8 5/8	CW	231b		X	1185'			To Surface	
Production	4 1/2	ERW	10.50		X	2800'			1200' Fill	
Tubing									Up	
Lines										

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3266 Date November 10, 1983

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, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<b>ANKET BOND</b>	<u>ll</u>	<u>ll</u>	<u>ll</u>	<u>14350</u>

NOTE: Keep one copy of this permit posted at the drilling location.  
Margaret J. Hase  
 Administrator, Office of Oil and Gas

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

