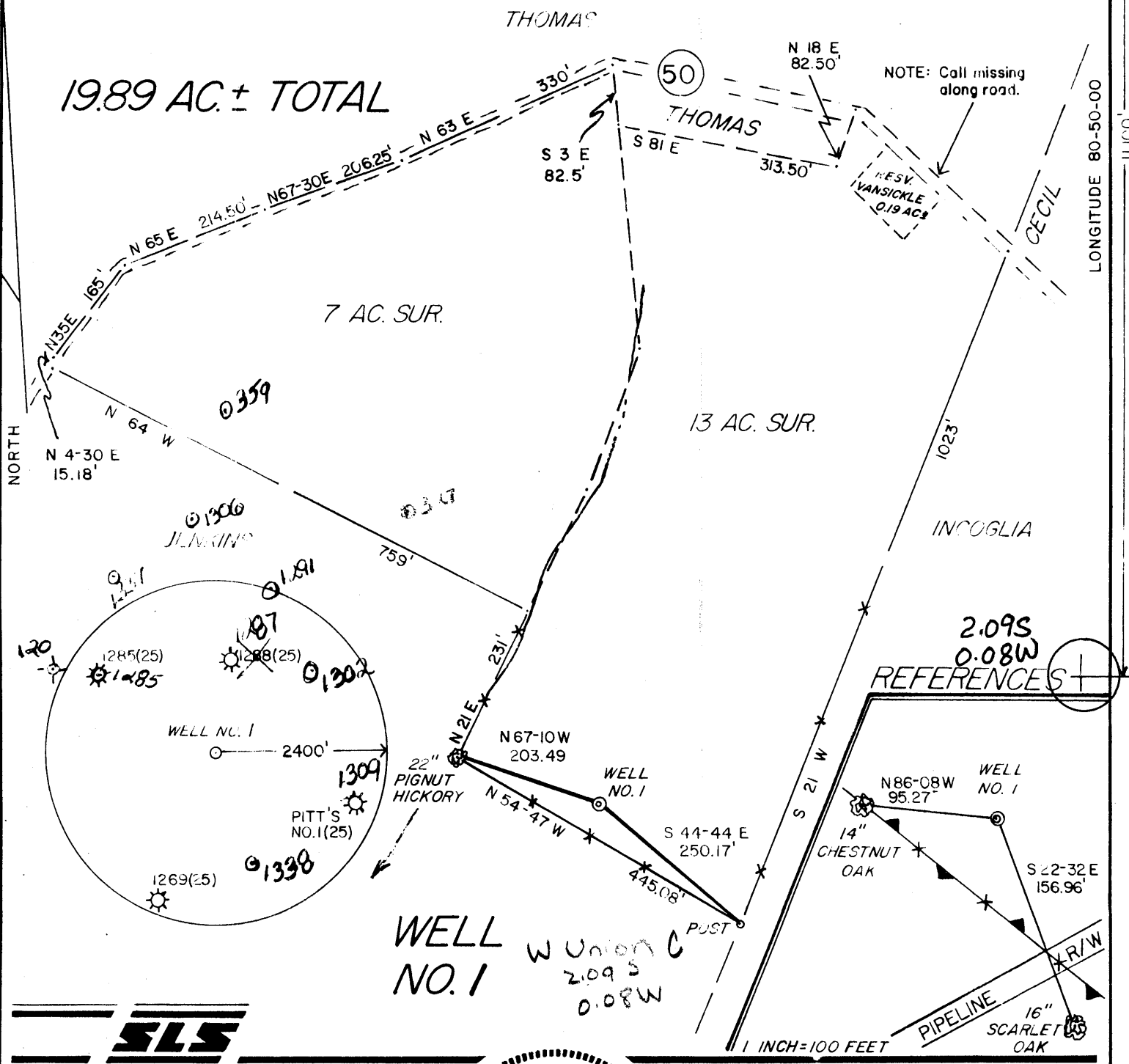


Jamie 11/1/89
CECIL LEASE

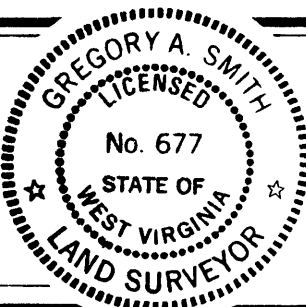
LATITUDE 39-25-00

19.89 AC. ± TOTAL



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. 677 Gregory A. Smith



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

DATE SEPTEMBER 13, 19 89

OPERATORS WELL NO. CECIL NO.1


API WELL NO. 47 - 095 - 1336

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2153(26-5)

PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1097' SCALE 1" = 200'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 956' WATERSHED LITTLE CAMP MISTAKE RUN

DISTRICT CENTERVILLE / COUNTY TYLER QUADRANGLE SHIRLEY 7.5'

SURFACE OWNER WILLIENE CECIL ACREAGE 19.89

ROYALTY OWNER WILLIENE CECIL ET. AL. LEASE ACREAGE 19.89

PROPOSED WORK: LEASE NO. 103

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 BENSON

ESTIMATED DEPTH 5100'

WELL OPERATOR ANVIL OIL CO. INC. 048 DESIGNATED AGENT JUSTIN HENDERSON

ADDRESS PO BOX 1230 FAIRMONT, WV. 26554-1230 ADDRESS PO BOX 1230 FAIRMONT, WV. 26554-1230

APR 30 90

Permitting
Oil and Gas Section

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: Elmer Cecil WRENCE

Operator Well No.: MERCER #2

LOCATION: Elevation: 956

Quadrangle: SHIRLEY

District: CENTERVILLE

County: TYLER

Latitude: 11520 Feet South of 39 Deg. 25Min. 0 Sec.

Longitude 2040 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: ANVIL OIL CO., INC.
P. O. BOX 1230
FAIRMONT, WV 26554-1230

Agent: JUSTIN L. HENDERSON

Inspector: GLEN P. ROBINSON

Permit Issued: 11/07/89

Well work Commenced: 11/21/89

Well work Completed: 11/27/89

Verbal Plugging

Permission granted on: _____

Rotary X Cable _____ Rig

Total Depth (feet) 5069

Fresh water depths (ft) 513

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N

Coal Depths (ft): 601

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U Cu. Ft
11-3/4	117	117	60 sks
8-5/8	1812.90	1812.90	410 sk
4-1/2	5017.	5017.	425 sk

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4910
 Gas: Initial open flow small MCF/d Oil: Initial open flow _____ Bb
 Final open flow 1.3 MCF/d Final open flow _____ Bb
 Time of open flow between initial and final tests 4 hrs Ho
 Static rock Pressure 4550 psig (surface pressure) after 48 Ho

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bb
 Final open flow _____ MCF/d Final open flow _____ Bb
 Time of open flow between initial and final tests _____ Ho
 Static rock Pressure _____ psig (surface pressure) after _____ Ho

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORMANCE INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

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Division of Energy

MAY 03 90

Permitting
Oil and Gas Section

For: ANVIL OIL CO., INC.

By: _____

Date: _____

MAY 11 1990

Well treated as follows:

Benson perforated from 4910-4914 with 14 holes, Fracked with 450 sks sand, 500 bbls treated fluid, Aavg rate 22 bpm, Aavg psi 2500.

Electric log tops

Big Lime	-----	1829
Berea	-----	2400
Benson	-----	4908

RR	0-----	5
Shale	5-----	12
Sand	12-----	27
RR	27-----	35
Shale & RR	35-----	126
Shale	126-----	170
RR	170-----	179
Sand & Sha.	179-----	225
RR & Sha.	225-----	280
Sand	280-----	293
RR	293-----	301
Sand	301-----	350
RR & Sha.	350-----	451
Sand	451-----	601
Coal	601-----	610
Sand	610-----	625
Shale	625-----	1350
Sand	1350-----	1380
Sha & Sand	1380-----	

hole wet 513

1018 00

WEXLEY 7/1/2000

9791

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095-1336
Issued 10/31/89 Expires 10/31/91
Page ___ of ___

FORM WW-2B

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

- 1) Well Operator: ANVIL OIL COMPANY INC. 22-75 (11) 606
- 2) Operator's Well Number: CECIL WELL NO. 1 3) Elevation: 956'
- 4) Well type: (a) Oil X/ or Gas X/
(b). If Gas: Production X/ Underground Storage /
Deep / Shallow X/
- 5) Proposed Target Formation(s): BENSON 435
- 6) Proposed Total Depth: 5100' feet
- 7) Approximate fresh water strata depths: 70' 546'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A Possible Coal Blossom 62' 4021
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: DRILL & STIMULATE New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<u>blt 9/29/89</u> Conductor	<u>11 3/4</u>			<u>120'</u>	<u>120'</u>	<u>CTS</u>
Fresh Water	<u>8 5/8</u>		<u>23</u>	<u>1830'</u>	<u>1830'</u>	<u>By rule 38 csr 18-11.3</u>
Coal						<u>38 CSR 18-11.2, 2</u>
Intermediate						
Production	<u>4 1/2</u>		<u>10 1/2</u>	<u>5100'</u>	<u>5100'</u>	<u>By rule 38 csr 18-11.1</u>
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond \$ 50 Surety Bond Agent
(Type)

095-1336
27

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Page 1 of _____
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS 3)
DEPARTMENT OF ENERGY

Date: 9-28-89
Operator's well number
Cecil #1
API Well No: 47 - 095 - 1336
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Elmer & Williene Cecil</u>
Address <u>1662 Hilbish Ave.</u>
<u>Akron, OH 44312</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name _____
Address _____</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Glen P. Robinson</u>
Address <u>Route 1</u>
<u>Mineral Wells, WV 26150</u>
Telephone (304)- _____</p> | <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

_____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Anvil Oil Co., Inc.
By: Justin L. Henderson
Its: President
Address P.O. Box 1230
Fairmont, WV 26554-1230
Telephone (304) 363-1362

Subscribed and sworn before me this 26th day of October, 1989

Amos P. [Signature]
My commission expires 7/8/90 Notary Public