

113123 Plat No. Card of CSD

1070

LATITUDE 39° 15' 00"

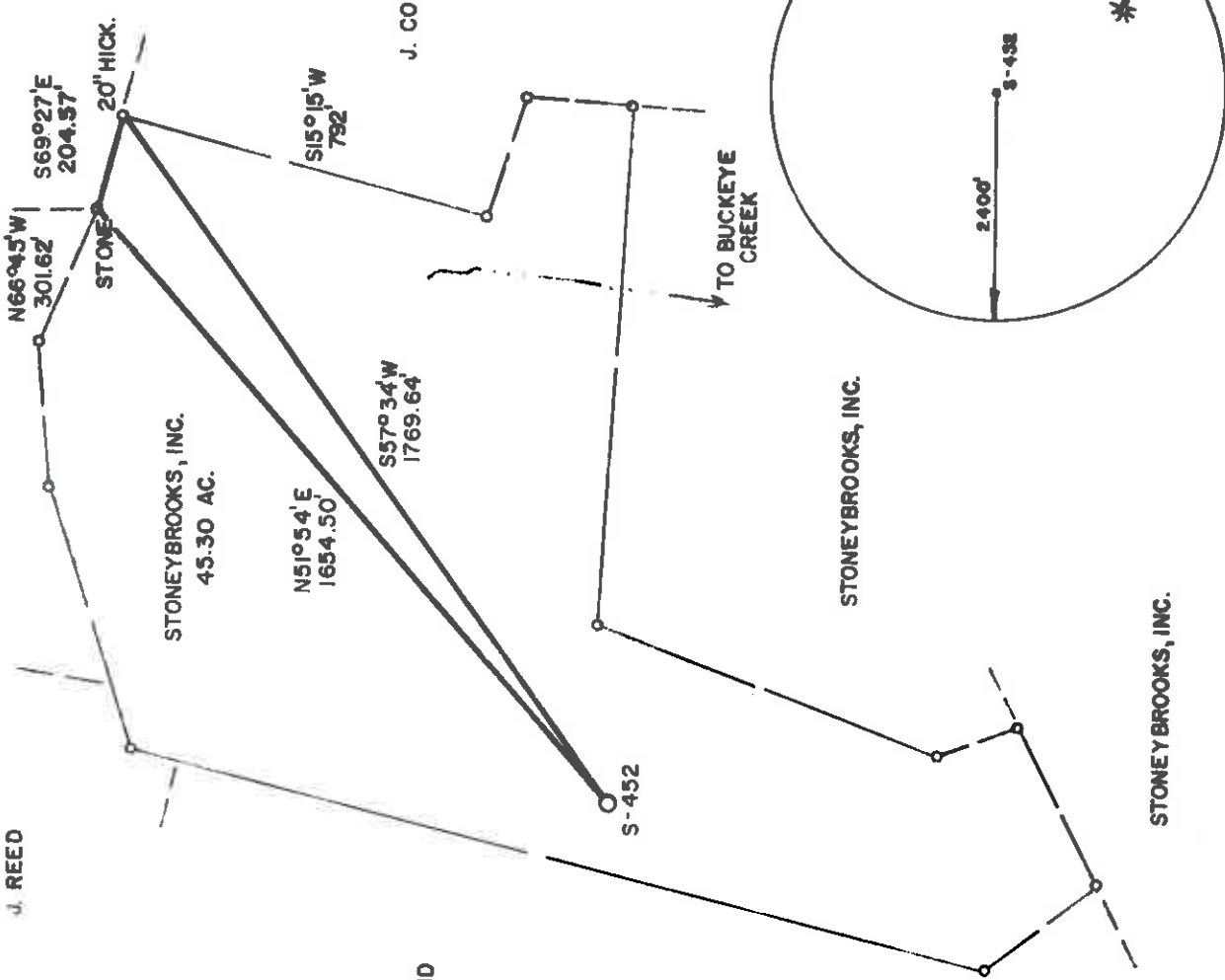
LONGITUDE 80° 35' 00"

0.835  
0.224

O. CLARK 15'

W. BARNEY

J. REED



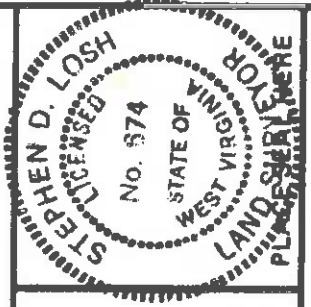
C. HAMMOND

NORTH

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 400'  
MINIMUM DEGREE OF ACCURACY 1 in 200  
PROVEN SOURCE OF ELEVATION TOP OF KNOB  
ELEV. 1444'

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) *Stephen D. Losh*  
R.P.E. \_\_\_\_\_ L.L.S. 674



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE DECEMBER 21, 19 92  
OPERATOR'S WELL NO. STONEYBROOK NO. 2  
API WELL NO. S-482

47-017-3202  
STATE COUNTY PERMIT

(+) 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 1268 WATER SHED BUCKEYE CREEK

DISTRICT GREENBRIER COUNTY DODDRIDGE

QUADRANGLE BIG ISAAC 7.5 ACRES ACREAGE 45.30

SURFACE OWNER STONEYBROOKS, INC.

OIL & GAS ROYALTY OWNER STONEYBROOKS, INC. LEASE NO. 1622

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

JAN 10 1993

PLUG AND ABANDON CLEAN OUT AND REPLUG

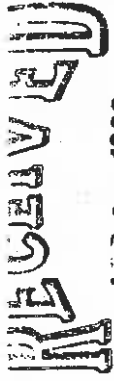
TARGET FORMATION BENSON/ALEXANDER ESTIMATED DEPTH 5050' / 5400'

WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT

ADDRESS P.O. BOX 112 SALEM, WV 26426

6-6 Meathouse Fork - Bristol (146)

P.O. BOX 112 SALEM, WV 26426



APR 20 1983

IV-35 (Rev 8-81) OIL & GAS DIVISION DEPT. OF MINES

Date April 19, 1983 Operator's Well No. S-452 Farm Stoneybrook #2 API No. 47 - 017 - 3202

State of West Virginia Department of Mines Oil and Gas Division

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1268 Watershed Buckeye Creek District: Greenbrier County Doddridge Quadrangle Big Isaac 7.5

COMPANY James F. Scott ADDRESS P. O. Box 112, Salem, WV DESIGNATED AGENT Darrel Wright ADDRESS P. O. Box 112, Salem, WV SURFACE OWNER Stoneybrook, Inc. ADDRESS Route 18, West Union, WV MINERAL RIGHTS OWNER Stoneybrook, Inc. ADDRESS Route 18, West Union, WV OIL AND GAS INSPECTOR FOR THIS WORK Stephen

Table with 5 columns: Casing Tubing, Size, Used in Drilling in Well, Left, Cement fill up Cu. ft. Rows include tubing sizes (13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2) and liners used.

Casey ADDRESS Route 2, Jane Lew, WV PERMIT ISSUED January 7, 1983 DRILLING COMMENCED 1/19/83 DRILLING COMPLETED 1/24/83

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

GEOLOGICAL TARGET FORMATION Alexander Depth 5400 feet Depth of completed well 5694 feet Rotary x / Cable Tools Water strata depth: Fresh feet; Salt feet Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5535-5539 feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow 704 Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests 4 hours Static rock pressure 1675 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)

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

Alexander 5535-5539 10,000# 80/100, 40,000# 20/50, 603 bbls.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Fill			0	5	Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			4	45	
Sand			45	150	
Sand & Shale			150	250	
Sand			250	290	
Sandy Shale			290	380	
Sand & Shale			380	635	
Sand			635	655	
Sand & Shale			655	679	
Sand			679	705	
Sand & Shale			705	908	
Sand & Shale			908	1006	
Red Rock & Shale			1106	1050	
Sand			1050	1075	
Sand & Shale			1075	1410	
Shale & Red Rock			1410	2206	
Little Lime			2206	2224	
Lime & Sand			2224	2245	
Big Lime			2245	2320	
Sand & Lime			2320	2365	
Sand			2365	2375	
Sand & Shale			2375	2669	
Shale			2669	5190	
Benson			5190	5195	
Sand & Shale			5195	5670	
				5694TD	Alexander TD

(Attach separate sheets as necessary)

*James F. Scott*  
Well Operator

By: James F. Scott

Date: April 19, 1983

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."



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

1) Date: December 31, 19 82  
2) Operator's Well No. Stonabybrook #2 5-182  
3) API Well No. 47 State 017 County 3202 Permit

DRILLING CONTRACTOR: \_\_\_\_\_

OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil  Gas  Production  Underground storage  Deep  Shallow   
B (If "Gas", Production  Watershed: Muskeget Creek

5) LOCATION: Elevation: 1450 County: Boyd Quadrangle: 510 5000 7.5

6) WELL OPERATOR: James T. Scott District: 017 Designated Agent: P. O. Box 117  
Address: West Union, WV 26456

7) OIL & GAS ROYALTY OWNER: Stonabybrook, Inc. Address: 10418 N. West Union, WV 26450

8) SURFACE OWNER: Stonabybrook, Inc. Address: 10418 N. West Union, WV 26450

9) FIELD SALE (IF MADE) TO: \_\_\_\_\_ Address: \_\_\_\_\_

10) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_ Name: \_\_\_\_\_ Address: \_\_\_\_\_

11) COAL OPERATOR: \_\_\_\_\_ Name: \_\_\_\_\_ Address: \_\_\_\_\_

12) COAL OPERATOR: \_\_\_\_\_ Name: \_\_\_\_\_ Address: \_\_\_\_\_

13) COAL OWNER(S) WITH DECLARATION ON RECORD: \_\_\_\_\_ Name: \_\_\_\_\_ Address: \_\_\_\_\_

14) COAL LESSEE WITH DECLARATION ON RECORD: \_\_\_\_\_ Name: \_\_\_\_\_ Address: \_\_\_\_\_

15) PROPOSED WORK: Drill  Drill deeper  Redrill  Fracture or stimulate   
Plug off old formation  Perforate new formation  Other physical change in well (specify) ALTERNATE

16) GEOLOGICAL TARGET FORMATION, ALTERNATE  
17) Estimated depth of completed well, \_\_\_\_\_ feet  
18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes  No

20) CASING AND TUBING PROGRAM

21) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No   
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)  
24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: James T. Scott Signed: \_\_\_\_\_ Its: \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Permit number: \_\_\_\_\_ OFFICE USE ONLY  
**DRILLING PERMIT** Date: 19

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. 10) 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.)

Permit expires \_\_\_\_\_ unless drilling is commenced prior to that date and prosecuted with due diligence.  
Bond: \_\_\_\_\_ Agent: \_\_\_\_\_ Plat: \_\_\_\_\_ Casing Fee: \_\_\_\_\_  
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
 "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) . In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator owner / owner / owner & wife / lessee X / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: January 3, 19 83 By C. W. McDaniel  
 Its Senior Vice President  
Walter G. Tuttle, Jr., Agent