

ACCURACY: 1" / 200P

Source of Elevation U.S.G.M. @ COTTAGEVILLE (580')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Drill Deeper
- Abandonment  *issued 5-15-71*
- Fracture
- Redrill

*Chet Waterman*

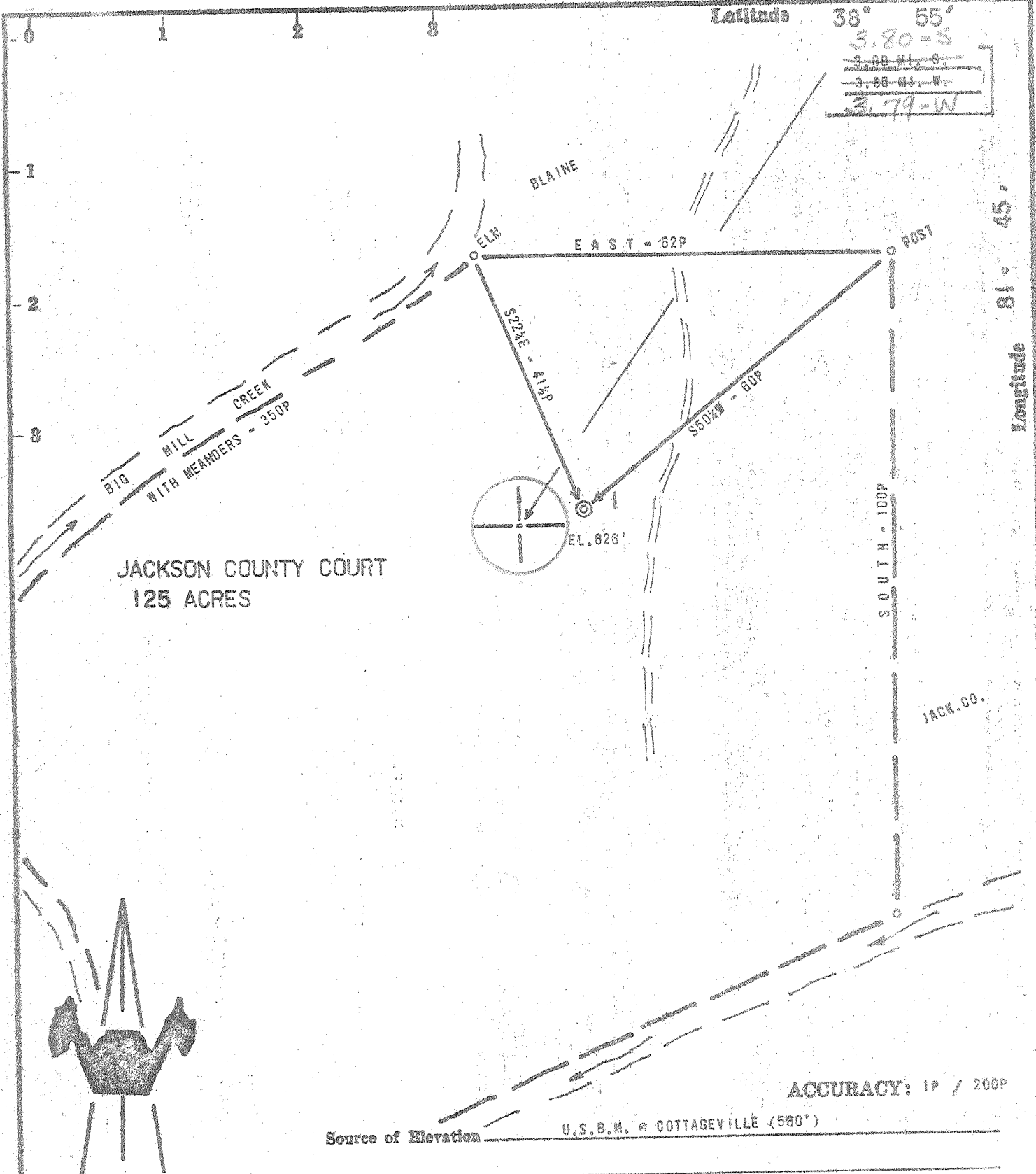
Company	W.C. STALNAKER, INC.		
Address	CHARLESTON, W. VA.		
Farm	JACKSON COUNTY COURT		
Tract	Acres	125	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	626'		
Quadrangle	RAVENSWOOD EC		
County	JACKSON	District	UNION
Engineer	CHET WATERMAN		
Engineer's Registration No.	8788		
File No.	71003-129	Drawing No.	
Date	4/15/71	Scale	1" = 20P

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

WELL LOCATION MAP  
FILE NO. JAC-1274-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.



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W0 5-0 Ripley 314 Deep well / Cowburg MAY 3 1971



RECEIVED

JUN 15 1971

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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Ravenswood  
Permit No. Jac - 1274 P

**WELL RECORD**

Oil or Gas Well Dry  
(KIND)

Company W. C. Stalnaker, Inc.  
Address Charleston, W. Va.  
Farm Jackson Co. Court Acres 125  
Location (waters) Mill Creek  
Well No. 1 Ele. KB640  
District Union County Jackson  
The surface of tract is owned in fee by Same  
Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 4-28-71  
Drilling completed 5-13-71  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) No  
WELL FRACTURED (DETAILS) No

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	143	143	
10			Size of
8 1/4	2160	2160	
6 5/8	4950		Depth set
5 3/16			
4 1/2			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) \_\_\_\_\_  
Name of Service Co. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rig			0	14			
Red Rock			14	163			
Shale			163	180			
Shale & Red Rock			180	248			
Shale			248	280			
Red Rock			280	292			
Shale			292	303			
Red Rock & Shale			303	357			
Sandy Shale			357	385			
Sand			385	405			
Coal			405	408			
Sand			408	447			
Red Rock			447	580			
Sandy Shale			580	608			
Sand			608	825			
Sandy Shale			825	850			
Shale			850	875			
Sandy Shale			875	1039			
Sand			1039	1053			

(over)

JUN 28 1971

Formation	Color	Hard or Soft	Top $\nabla$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			1053	1056			
Shale			1056	1094			
Coal			1094	1097			
Shale			1097	1155			
Sandy Shale			1155	1294			
Salt Sand			1294	1325			
Sand & Shale			1325	1465			
Lime - Big <i>340</i>			1465	1635			
Slate			1635	1682			
Sand - <i>Injan</i>			1682	1800			
Sand & Shale			1800	2100			
Coffee Shale			2100	2118			
Berea			2118	2128			
Shale			2128	4241			
Corniferous - <i>463</i>			4241	4320			
Helderberg			4320	4510			
Salina			4510	4976			
Williamsport			4976				
Newburg			4991	4997			
<i>McKenzie</i>			<i>4997</i>				
TOTAL DEPTH				5035	<i>MCKZ</i>		
				<i>(545)</i>			
	13"	4-29-71	143'	150 bags	Well Service		
	9 5/8"	5-7-71	2160'	340 sks.	Dowell		
	7"	5-11-71	4950'	150 sks.	Dowell		

Date \_\_\_\_\_, 19\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)



WELL RECORD, FORM OG-10, MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

RECEIVED

APR 16 1971 - 4/20/71 CEN

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

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va.

None COAL OPERATOR OR COAL OWNER

W. C. Stalnaker Inc. NAME OF WELL OPERATOR

ADDRESS

610 Commerce Square, Charleston, W. Va. COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

4-16-71, 19 PROPOSED LOCATION

ADDRESS

Union District

OWNER OF MINERAL RIGHTS

Jackson County

ADDRESS

Well No. # 1

GENTLEMEN:

Jackson County Farm Elevation 626' Acres 135.125

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 3rd. of March, made by Jackson County Court, to W. C. Stalnaker Inc., and recorded on the 3 day of March, 1971, in the office of the County Clerk for said County in Book 116, page 588.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

WELL DRILLING PERMIT

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling.

This permit shall expire if drilling is not commenced by August 16, 1971

Deputy Director - Oil & Gas Division

Address of Well Operator

Very truly yours, W. C. Stalnaker Inc.

(Sign Name)

W. C. Stalnaker (pres) WELL OPERATOR

610 Commerce Square

Charleston

W. Va.

STATE

\*Section 3 . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

THIS IS TENTATIVE ONLY  
ACTUAL INFORMATION WILL BE OBTAINED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO:  X  DRILL   DEEP   FRACTURE   WELL

WELL OPERATOR  
NAME  W. C. Stalnaker Inc.

RESPONSIBLE AGENT:  
NAME  W. C. Stalnaker

ADDRESS  610 Commerce Square, Charleston, W. Va.  ADDRESS  610 Commerce Square Charleston, W. Va.

TELEPHONE  346-0280

TELEPHONE  346-0300 727-2219

DRILLING CONTRACTOR: (IF KNOWN)  
NAME  Pace Preble & Poole

LAND OWNER:  
NAME  Jackson County

TELEPHONE  344-2534

TELEPHONE

ESTIMATED DEPTH OF COMPLETED WELL:  5400'

ROTARY  X

PROPOSED GEOLOGICAL FORMATION:

CABLE TOOLS

TYPE OF WELL: OIL   GAS  X  COMB.   STORAGE   DISPOSAL

TYPE WASTE   RECYCLING   WATER FLOOD   OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20			
16			
13 3/8	150 Cement		Yes
11 3/4			
10 3/4			
9 5/8	2,200'		Yes
8 5/8			
7	3400'	150 Bags Cement	
5 1/2			
4 1/2			
3 1/2			
2 3/8			
LINERS USED			

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA  ,  ,

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS?  ,  ,

IS COAL BEING MINED IN THE AREA?

WAIVER: I the undersigned, Agent for   Coal Company, owner or operator of the coal under this lease have examined and placed on our mine maps this proposed well location.

We the   Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title