

(To be filled in by Division of Mines)

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

(To be filled in by Division of Mines)

Scott County Dekalb District Fort Blackmore Quadrangle SC-10 File

DIVISION OF MINES BIG STONE GAP, VIRGINIA DEEPENED OIL AND GAS WELL COMPLETION REPORT ABANDONMENT

Well No. 10008 Permit No. 399 County Code 169 Well Classification Extension Test

(This report and a copy of electrical log, if made, must be submitted to the Division of Mines within 30 days after abandonment or completion of well, as required by Section 45-113, Code of Virginia, 1950.)

Company Wise Oil and Gas Exploration Address P.O. Box 259 Duffield, VA 24244 Farm The Hagan Estates Acres 73.3 County Scott District Dekalb Well No. (Company) 10008 Elevation (ground surface) 2899.34 ft.

Location: (Give direction and distance in feet from two (2) map coordinates (Latitude and Longitude) shown on location plat or map previously filed with the Division of Mines or shown on quadrangle topographic map of area.)

1840 feet South of Latitude 36° 52' 30" and 5400 feet West of Longitude 82° 32' 30"

Surface of tract is owned in fee simple by U. S. Forest Service Address Route 1, Box 320H, Wise, VA 24293 Mineral rights are owned by The Hagan Estates Address P.O. Box 230, Tazewell, VA 24651 Location made by A. K. Fraley Construction Company Drilling commenced 11-10-81 Drilling contractor Clint Hurt and Associates Drilling completed 11-23-81 Address Midland, Texas

Well completed as gas well on DRY HOLE Well abandoned at 4939 feet on May 21, 1982 Reason Dry hole Well plugged on 19 Affidavit filed 19 Total depth 4939 feet. Steel line measurement 4939 feet. Commenced producing on 19

Oil Well Initial production, Barrels per day. Stimulation Record

Breakdown Pressure psi; Average Injection Pressure psi; Average Injection Rate BPM; Instant Shut-in Pressure psi; Min. Shut-in Pressure psi;

Final Production Barrels per day. Gravity and grade of oil Oil pays at (1) feet to feet. Oil shows at (1) feet to feet. (2) feet to feet. (2) feet to feet. (3) feet to feet. (3) feet to feet. (4) feet to feet. (4) feet to feet. Main production at feet to feet. (5) feet to feet.

Gas Well Gaged /10ths. Water in inch. Initial open flow, gas: None /10ths. Mercury in inch. Volume Mcf.; Rock Pressure Not gauged lbs. hrs.

## LOG

Furnished by W. W. Kelly Date 8-9-82Compiled by W. W. Kelly Date 8-9-82

GEOLOGIC AGE	FORMATION	GENERAL LITHOLOGY	COLOR	TOP (feet)	BOTTOM (feet)	THICKNESS (feet)	REMARKS OIL, GAS WATER DEPTHS SHUT DOWN FISHING, ETC.
Sylvanian	Lee	Sandstone Shale		0	662	662	Dev. 1 <sup>o</sup> @ 320' Dev. 1 1/4 <sup>o</sup> @ 500'
	Pocahontas	Sandstone Shale		662	978	316	Dev. 1 1/4 <sup>o</sup> @ 729'
Mississippian	Bluestone	Sandstone Shale		978	1468	490	Dev. 1 1/4 <sup>o</sup> @ 1165'
	Ravencloiff	Sandstone		1468	1610	142	
	Hinton	Sandstone Shale		1610	2203	593	Dev. 1 1/2 <sup>o</sup> @ 1977'
	Maxon	Sandstone		2036	2203	167	
	Bluefield	Sandstone Shale Limestone		2203	2750	547	Dev. 1 1/2 <sup>o</sup> @ 2550'
	Greenbrier	Limestone		2750	3256	506	Dev. 1 3/4 <sup>o</sup> @ 3000'
	Injun	Sandstone Shale		3256	3284	28	
	Weir	Siltstone		3284	3532	248	Dev. 2 <sup>o</sup> @ 3500'
	Sunbury	Shale		3532	3653	121	
	Coffee Shale	Shale		3653	3740	87	
Devonian	Berea	Siltstone		3740	3810	70	
	Devonian Shale	Shale		3810	4906	1096	Dev. 2 <sup>o</sup> @ 4000'
	Corniferous	Limestone		4906	4939 T. D.	33	

Breakdown Pressure n/a psi; Average Injection Pressure n/a psi;  
 Average Injection Rate n/a BPM; Instant Shut-in Pressure n/a psi;  
 Min. Shut-in Pressure n/a psi.

Initial Openflow 0 Mcf.; Rock Pressure 0 lbs.  
 Gas pays at (1) \_\_\_\_\_ feet to \_\_\_\_\_ feet. Gas shows at (1) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 (2) \_\_\_\_\_ feet to \_\_\_\_\_ feet. (2) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 (3) \_\_\_\_\_ feet to \_\_\_\_\_ feet. (3) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 (4) \_\_\_\_\_ feet to \_\_\_\_\_ feet. (4) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Main production None feet to \_\_\_\_\_ feet. (5) \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Fresh water at (1) 46 feet, 1 GPM; (2) \_\_\_\_\_ feet, \_\_\_\_\_ GPM; (3) \_\_\_\_\_ feet, \_\_\_\_\_ GPM.  
 Salt water at (1) n/a feet; (2) \_\_\_\_\_ feet; (3) \_\_\_\_\_ feet; (4) \_\_\_\_\_ feet.  
 Total: from 306 feet 0 inches to 308 feet 10 inches; from 357 feet 0 inches to 358 feet  
0 inches; from 433 feet 8 inches, to 435 feet 0 inches. 840' 4" to

844' 0"; 920' 0" TO 921' 6" CASING AND TUBING				PACKERS OR BRIDGE PLUGS			
SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED	KIND	SIZE	SET AT	
(inch)	(feet)	(feet)	(feet) to (feet)				
13 3/8	25	25	---				
9 5/8	304	304	---				
7	1631	1631	---				
LINERS				SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED
				(inch)	(ft.)	(ft.)	(ft. to ft.)

Casing Cemented: 13 3/8 inch. from 25 feet to surface Date 11-10-81  
9 5/8 inch. from 304 feet to surface Date 11-11-81  
7 inch. from 1631 feet to surface Date 11-16-81

Remarks: (Shut down, depths, dates; fishing jobs, depths, dates; casing; other notes)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Samples or cuttings will be available for examination by a member of the Virginia Geological Survey Yes (Yes) (No)  
 Will be furnished the Virginia Geological Survey upon request Yes (Yes) (No), if sacks for same are furnished by the  
 Survey No (Yes) (No)

Electrical log made X or not made \_\_\_\_\_ (check which.)  
 Copy furnished herewith X or will be submitted on or by \_\_\_\_\_, 19\_\_\_\_  
 Depths Gamma ray-density 100'-4939'  
Temperature 1640'-4939'  
Audio 1640'-4939'

Operator requests that information given herein and log or logs be kept confidential for a period of ninety days after completion of the well covered by this report Yes (Yes) (No)  
 We request that this information and all logs be kept confidential for a period of one year as provided in Rule 15 of the General Rules and Regulations.

Commonwealth of Virginia  
DEPARTMENT OF LABOR AND INDUSTRY  
Division of Mines  
Big Stone Gap, Virginia

XXXXXXXX  
NOTICE OF INTENTION TO DRILL OIL OR GAS WELL  
XXXXXX

(One copy of this report and three identical copies of a plat or map, on a scale not smaller than 400 feet to the inch, and showing information required by Section 45-114, Code of Virginia, 1950, must be submitted to the Division of Mines, and copies sent by registered mail to all persons defined in above law, prior to obtaining a permit to drill.)

TO: DIVISION OF MINES ABINGDON, VIRGINIA  
BIG STONE GAP, VIRGINIA Place  
March 18, 19 81  
Date

Gentlemen:

The undersigned proposes to begin as soon as a permit therefor is obtained from the Division of Mines, to drill, ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ a well for oil or gas on the Hagan Est. Tr. 97 Farm, comprising 73.3 acres, in the Dekalb District of Scott County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated July 1 1973, made by The Hagan Estates Inc to Col. Gas Trans. Corp. and recorded on the 27th day of September, 19 73 in the office of the County Clerk for said County in Book 273, page 734.

The proposed location of the well, as shown on the attached plat or map, is about 1840 feet SOUTH of 36°52'30" and about 5400 feet West of 82°32'30".

It is proposed to drill this well to a depth of about 4982 feet. Samples or cuttings therefrom will be available for examination by a member of the staff of the Virginia Geological Survey. Cuttings will be furnished the Survey.

A plat or map, in triplicate, on a scale not smaller than 400 feet to the inch, showing the proposed location of the well and other information, required in Section 45-114, Code of Virginia, 1950, is attached hereto. Copies of the plat and notice of intention to drill, redrill or deepen the aforementioned well have been sent to all interested persons as required by Section 45-114, above cited, as follows (List names and mail address of each. Use back of sheet if additional space is required):

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

Very truly yours,

Signature of officer or certifying party:

*W. Kelly*  
Name

Vice President  
Title

WISE OIL & GAS EXPLORATION, INC.  
Drilling Company or Operator  
P. O. Box 206  
Street Address  
ABINGDON, VIRGINIA 24210  
City or Town, and State

File 50-10 Date Received March 18, 1981 Well No. 10008

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF LABOR AND INDUSTRY  
DIVISION OF MINES AND QUARRIES  
BIG STONE GAP, VIRGINIA 24219  
PHONE 703-523-0335

APPLICATION FOR PERMIT TO (DRILL) ~~XXXXXXXXXXXXXXXXXXXX~~ OIL OR GAS WELL

(Required by Section 45.1-115, Code of Virginia, 1950, 1954 and the 1966 Cumulative Supplement. To be accompanied by Permit fee of twenty-five dollars and bond and surety therefor, as specified by Section cited. To be submitted in duplicate, one copy to be returned to applicant after action by Division of Mines and Quarries.

TO: Division of Mines and Quarries  
Drawer V  
Big Stone Gap, Virginia 24212

Abingdon, Virginia  
Place  
March 18, 1981  
Date

Gentlemen:

The undersigned hereby makes application for a Permit to drill, ~~XXXXXXXXXXXXXXXXXXXX~~ well for oil or gas on the Hagan Est. Tr. 97 Farm, comprising 73.3 acres, in the Dekalb District of Scott County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated July 1, 1973 made by The Hagan Estates, Inc. to Columbia Gas Transmission Corporation.

and recorded on the 27th day of September, 1973 in the office of the County Clerk for the said County in Book 278 page 734.

The proposed location of the well is shown on a location plat or map submitted to the Division of Mines and Quarries, by the undersigned, together with Notice of Intention to Drill, ~~XXXXXXXXXXXXXXXXXXXX~~ a Well for Oil or Gas on the 18th day of March 1981.

The proposed well will be known as Well No. 10008 of Wise Oil & Gas Exploration, Inc. (company, etc.) It is proposed to drill this well to a depth of about 4982 feet.

The proposed location is about 780 feet distant from the nearest property or lease line; ~~XXXXXXXXXXXXXXXXXXXX~~ and/or about 9500 feet distant from the nearest ~~XXXXXXXXXXXXXXXXXXXX~~ abandoned, ~~XXXXXXXXXXXXXXXXXXXX~~ or gas ~~XXXXXXXXXXXXXXXXXXXX~~ well.

There is enclosed herewith a certified check or U.S. Postal Money Order, in the amount of twenty-five (\$25.), payable to the Treasurer of Virginia, covering fee for a Permit to Drill a Well for Oil or Gas, as required by Section 45.1-115, Code of Virginia, 1950, 1954 and the 1966 Cumulative Supplement. Bond and Surety therefor to insure compliance with the provisions of Chapter 8, Title 45, Code of Virginia, 1950 and the 1966 Supplement, for this well, in the amount of \$ 28,000.00 is submitted herewith of (give status of) Surety Blanket Bond for twenty-eight (28) wells

Bond #561-460 May 13, 1980

Correspondence regarding this well should be addressed to Wise Oil & Gas Exploration, Inc.  
P. O. Box 206, Abingdon, Virginia 24210

Very truly yours,

Signature of officer or certifying party:

Name

Vice President

Title

Wise Oil & Gas Exploration, Inc.  
Drilling Company or Operator

P. O. Box 206

Street

Abingdon,

City or Town  
Virginia 24210

State

Space below this line is for the use of the Board only.

ACTION OF DIVISION OF MINES AND QUARRIES

Received on March 18, 1981.

Approved and Permit (no. 399) granted on March 23, 1981

Denied

Reasons for denial

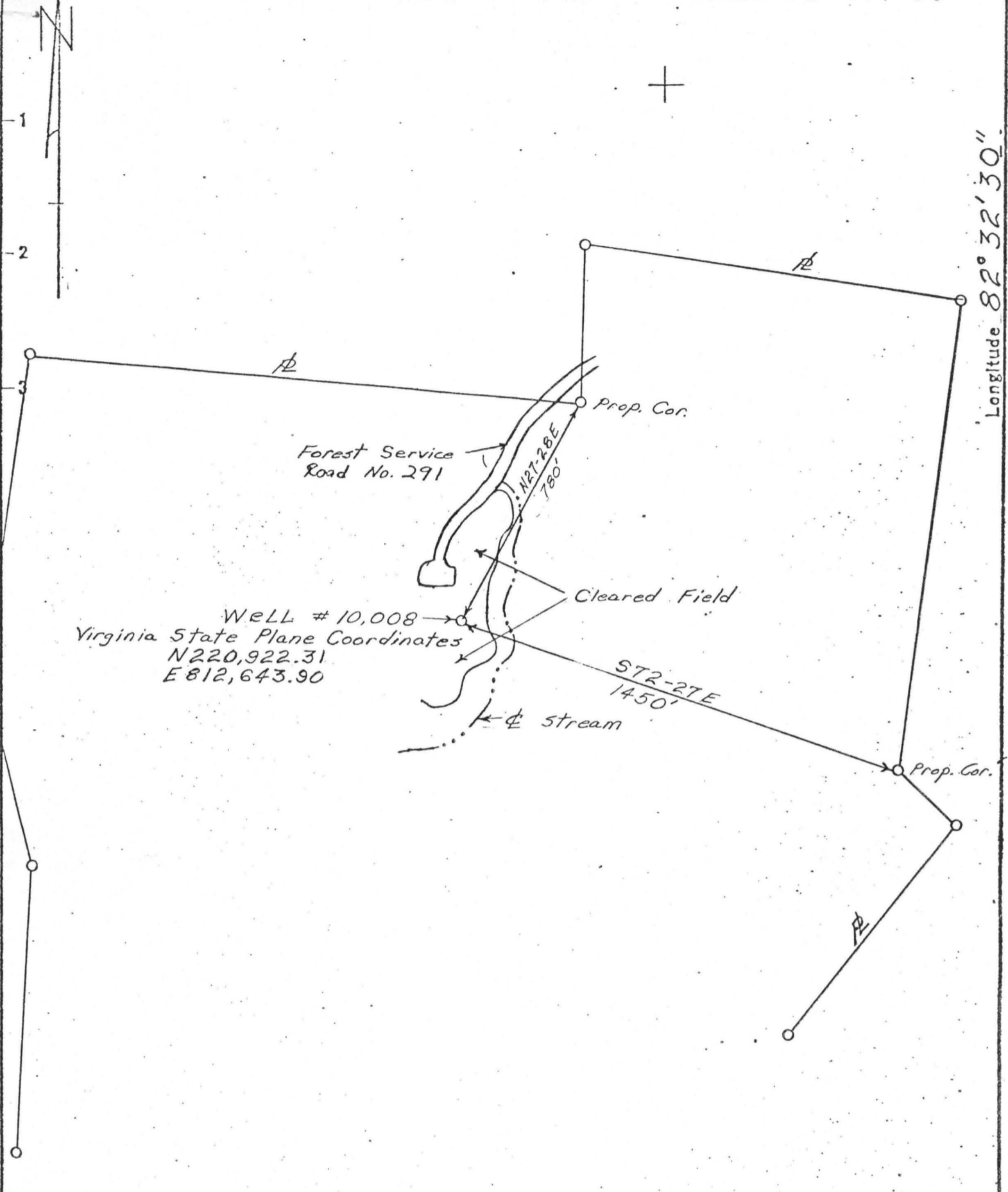
DIVISION OF MINES AND QUARRIES

By B. T. Fuhrer State Oil and Gas Inspector  
Title

File No. 50-10

Well No. 10008

Permit No. 399



New Location    
 Drill Deeper    
 Abandonment

Company Wise Oil & Gas Exploration, Inc.  
 Address Box 206, Abingdon, VA 24210  
 Farm The Hagan Estates, Inc.  
 Tract 97 Acres 73.3 Lease No. \_\_\_\_\_  
 Well (Farm) No. 10008 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 2899.34'  
 Quadrangle Fort Blackmore  
 County Scott District Dekalb  
 Surveyor Dowell G. Fakes  
 Surveyors Registration No. L-2607 (N.C.)  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-18-81 Scale 1" = 400'

**COMMONWEALTH OF VIRGINIA**  
**DIVISION OF MINES**  
**BIG STONE GAP, VA.**

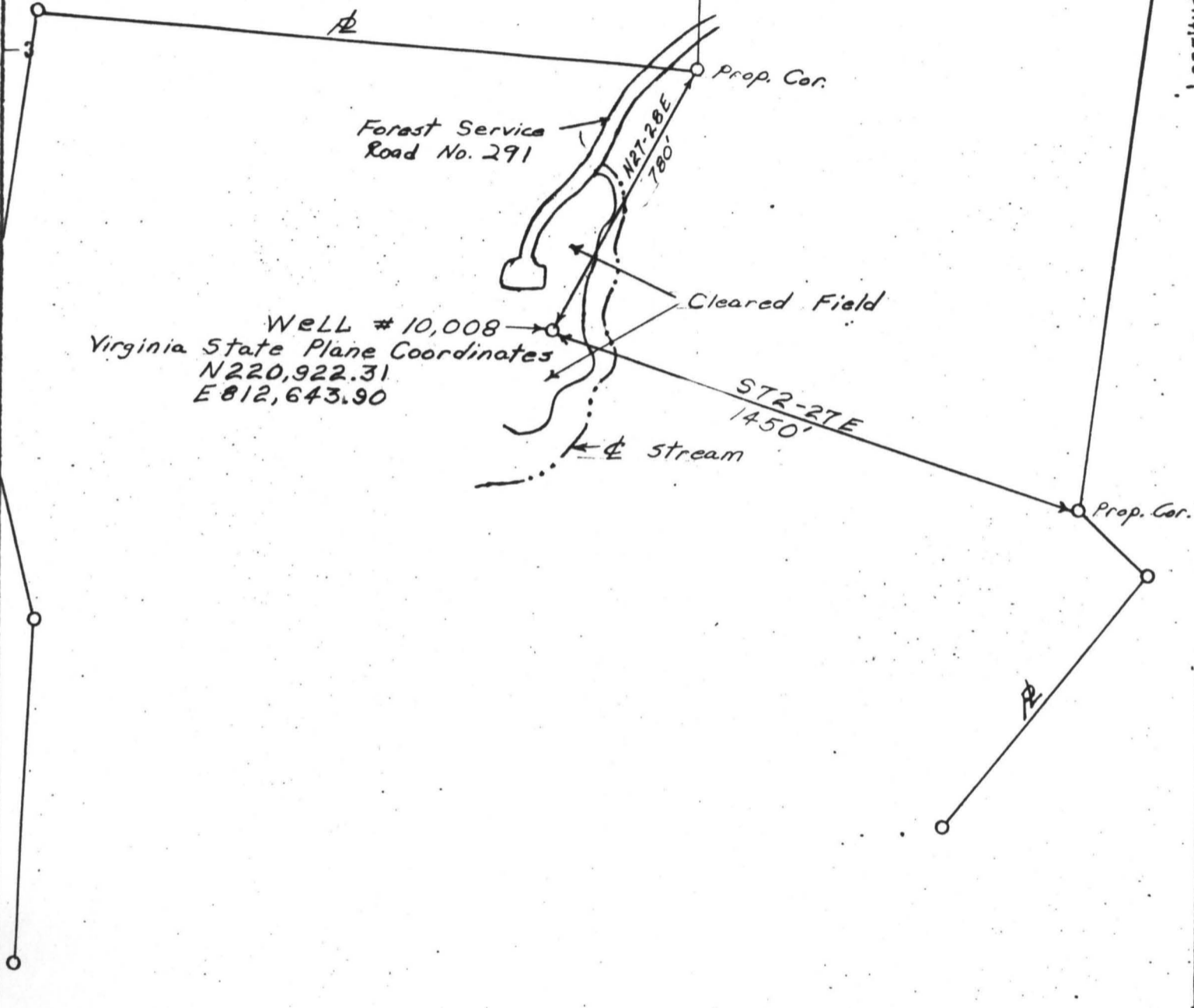
**WELL LOCATION MAP**  
 FILE NO. \_\_\_\_\_

† Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.  
 — Denotes one inch spaces on border line of original tracing.

Latitude 36° 52' 30"

5500'

Longitude 82° 32' 30"



Well # 10,008  
Virginia State Plane Coordinates  
N 220,922.31  
E 812,643.90

Forest Service  
Road No. 291

Cleared Field

Stream

S72-27E  
1450'

Prop. Cor.

Prop. Cor.

- New Location
- Drill Deeper
- Abandonment

Company Wise Oil & Gas Exploration, Inc.  
 Address Box 206, Abingdon, VA 24210  
 Farm The Hagan Estates, Inc.  
 Tract 97 Acres 73.3 Lease No. \_\_\_\_\_  
 Well (Farm) No. 10008 Serial No. \_\_\_\_\_  
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 Date 3-18-81 Scale 1" = 400'

**COMMONWEALTH OF VIRGINIA  
 DIVISION OF MINES  
 BIG STONE GAP, VA.**

**WELL LOCATION MAP**

FILE NO. \_\_\_\_\_

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

(To be filled in by Division of Mines)

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY

(To be filled in by Division of Mines)

Scott

County

Dekalb

District

Fort Blackmore

Quadrangle

SC-10

File

DIVISION OF MINES

BIG STONE GAP, VIRGINIA

DEEPENED OIL AND GAS WELL COMPLETION REPORT ABANDONMENT

(This report and a copy of electrical log, if made, must be submitted to the Division of Mines within 30 days after abandonment or completion of well, as required by Section 45-113, Code of Virginia, 1950.)

Well No. 10008

Permit No. 399

County Code 169

Well Classification Extension Test

Company Wise Oil and Gas Exploration

Address P.O. Box 259 Duffield, VA 24244

Farm The Hagan Estates

Acres 73.3

County Scott

District Dekalb

Well No. (Company) 10008

Elevation (ground surface) 2899.34 ft.

Location: (Give direction and distance in feet from two (2) map coordinates (Latitude and Longitude) shown on location plat or map previously filed with the Division of Mines or shown on quadrangle topographic map of area.)

1840 feet South of Latitude 36° 52' 30" and

5400 feet West of Longitude 82° 32' 30"

Surface of tract is owned in fee simple by U. S. Forest Service Address Route 1, Box 320H, Wise, VA 24293

Mineral rights are owned by The Hagan Estates Address P.O. Box 230, Tazewell, VA 24651

Location made by A. K. Fraley Construction Company

Drilling commenced 11-10-81 Drilling contractor Clint Hurt and Associates

Drilling completed 11-23-81 Address Midland, Texas

Well completed as gas well on DRY HOLE

Well abandoned at 4939 feet on May 21, 1982 Reason Dry hole

Well plugged on , 19 Affidavit filed , 19

Total depth 4939 feet. Steel line measurement 4939 feet.

Commenced producing on , 19

Oil Well Initial production, Barrels per day.

Stimulation Record

Breakdown Pressure psi; Average Injection Pressure psi;

Average Injection Rate BPM; Instant Shut-in Pressure psi;

Min. Shut-in Pressure psi;

Final Production Barrels per day.

Gravity and grade of oil

Oil pays at (1) feet to feet. Oil shows at (1) feet to feet. (2) feet to feet. (2) feet to feet. (3) feet to feet. (3) feet to feet. (4) feet to feet. (4) feet to feet.

Main production at feet to feet. (5) feet to feet.

Gas Well Gaged /10ths. Water in inch. Initial open flow, gas: None /10ths. Mercury in inch. Volume Mcf.; Rock Pressure Not gauged lbs. hrs.



Breakdown Pressure n/a psi; Average Injection Pressure n/a psi;  
Average Injection Rate n/a BPM; Instant Shut-in Pressure n/a psi;  
Min. Shut-in Pressure n/a psi.

Final Openflow 0 Mcf.; Rock Pressure 0 lbs. \_\_\_\_\_ hrs.  
Gas pays at (1) \_\_\_\_\_ feet to \_\_\_\_\_ feet. Gas shows at (1) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
(2) \_\_\_\_\_ feet to \_\_\_\_\_ feet. (2) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
(3) \_\_\_\_\_ feet to \_\_\_\_\_ feet. (3) \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
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Main production None feet to \_\_\_\_\_ feet. (5) \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Fresh water at (1) 46 feet, 1 GPM; (2) \_\_\_\_\_ feet, \_\_\_\_\_ GPM; (3) \_\_\_\_\_ feet, \_\_\_\_\_ GPM.  
Salt water at (1) n/a feet; (2) \_\_\_\_\_ feet; (3) \_\_\_\_\_ feet; (4) \_\_\_\_\_ feet.  
Coal: from 306 feet 0 inches to 308 feet 10 inches; from 357 feet 0 inches to 358  
feet 0 inches; from 433 feet 8 inches, to 435 feet 0 inches. 840' 4" to

CASING AND TUBING				PACKERS OR BRIDGE PLUGS		
SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED	KIND	SIZE	SET AT
(inch)	(feet)	(feet)	(feet) to (feet)			
13 3/8	25	25	---			
9 5/8	304	304	---			
7	1631	1631	---			

LINERS			
SIZE	USED IN DRILLING	LEFT IN WELL	PERFORATED
(inch)	(ft.)	(ft.)	(ft. to ft.)

Casing Cemented: 13 3/8 inch. from 25 feet to surface Date 11-10-81  
9 5/8 inch. from 304 feet to surface Date 11-11-81  
7 inch. from 1631 feet to surface Date 11-16-81

Remarks: (Shut down, depths, dates; fishing jobs, depths, dates; casing; other notes)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Samples or cuttings will be available for examination by a member of the Virginia Geological Survey Yes (Yes) (No)  
Will be furnished the Virginia Geological Survey upon request Yes (Yes) (No), if sacks for same are furnished by the  
Survey No (Yes) (No)

Electrical log made X or not made \_\_\_\_\_ (check which.)  
Copy furnished herewith X or will be submitted on or by \_\_\_\_\_, 19\_\_\_\_  
Depths Gamma ray-density 100'-4939'  
Temperature 1640'-4939'  
Audio 1640'-4939'

To operator requests that information given herein and log or logs be kept confidential for a period of ninety days  
after completion of the well covered by this report Yes (Yes) (No)  
We request that this information and all logs be kept confidential for a period of one year  
as provided in Rule 15 of the General Rules and Regulations.

# LOG

Furnished by W. W. Kelly Date 8-9-82

Compiled by W. W. Kelly Date 8-9-82

GEOLOGIC AGE	FORMATION	GENERAL LITHOLOGY	COLOR	TOP (feet)	BOTTOM (feet)	THICKNESS (feet)	REMARKS OIL, GAS WATER DEPTHS SHUT DOWN FISHING, ETC.
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	Pocahontas	Sandstone Shale		662	978	316	Dev. 1 1/4° @ 729'
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	Devonian Shale	Shale		3810	4906	1096	Dev. 2° @ 4000'
	Corniferous	Limestone		4906	4939 T. D.	33	