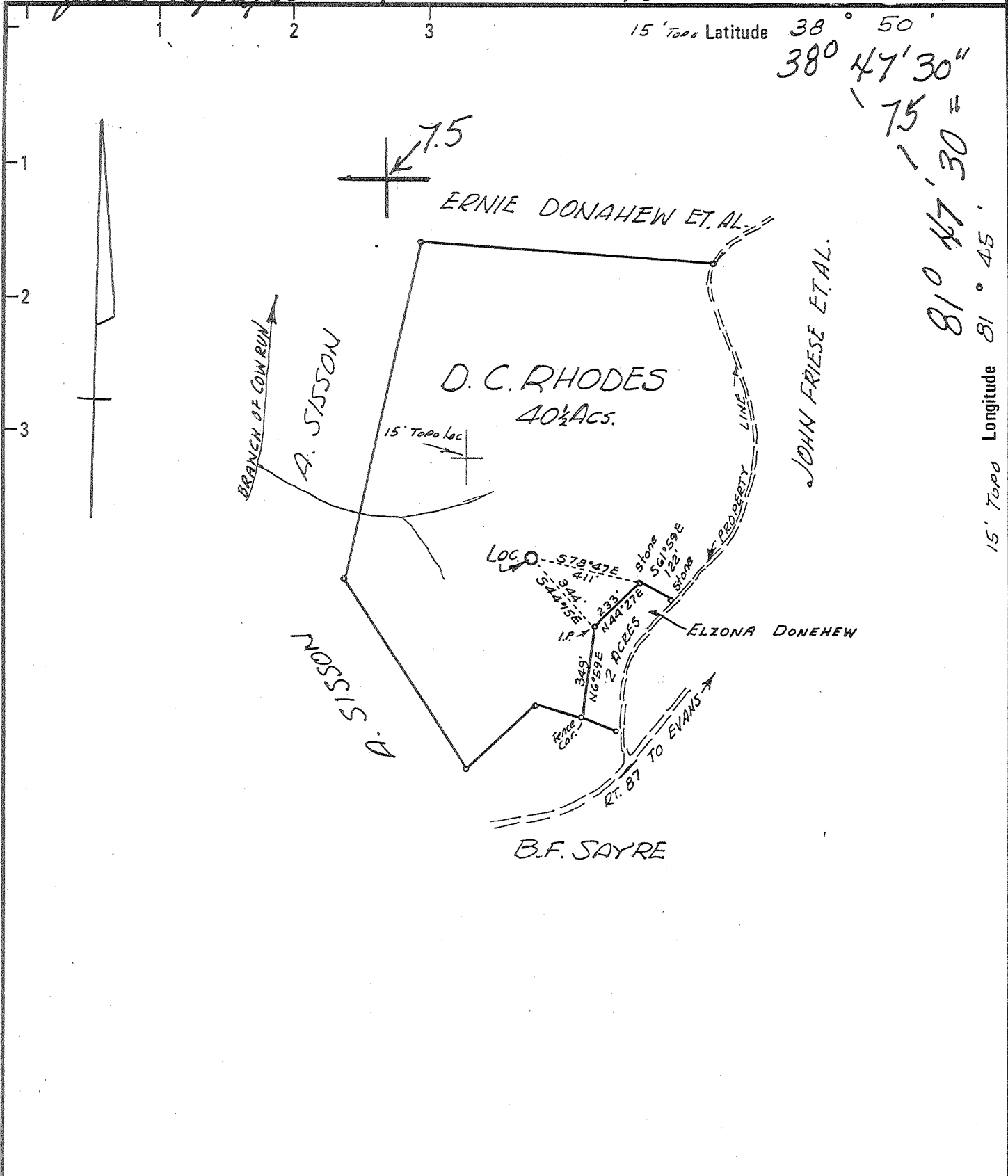


Jan 10/12/88

9330



15' Topo Latitude  $38^{\circ} 50'$   
 $38^{\circ} 47' 30''$   
 $75'$   
 $81^{\circ} 47' 30''$

15' Topo Longitude  $81^{\circ} 45'$

2570

New Location   
 Drill Deeper   
 Abandonment   
 10/12/88

Minimum Error of Closure ..... 1 in 200  
 Source of Elevation ..... U.S.G.S. Elev. BM 952 Rt. 87 North of Loc.

"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."

Company Peake Energy  
 Address Box 8 RAVENSWOOD W.VA. 26164  
 Farm D.C. RHODES  
 Tract \_\_\_\_\_ Acres 40.5 Lease No. 3263  
 Well (Farm) No. DEK # 25 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 880'  
 Quadrangle 7.5' COTTAGEVILLE  
75' RAVENSWOOD  
 County JACKSON District UNION  
 Engineer W.L. Sefton  
 Engineer's Registration No. 1832  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-18-77 Scale 1" = 500'

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

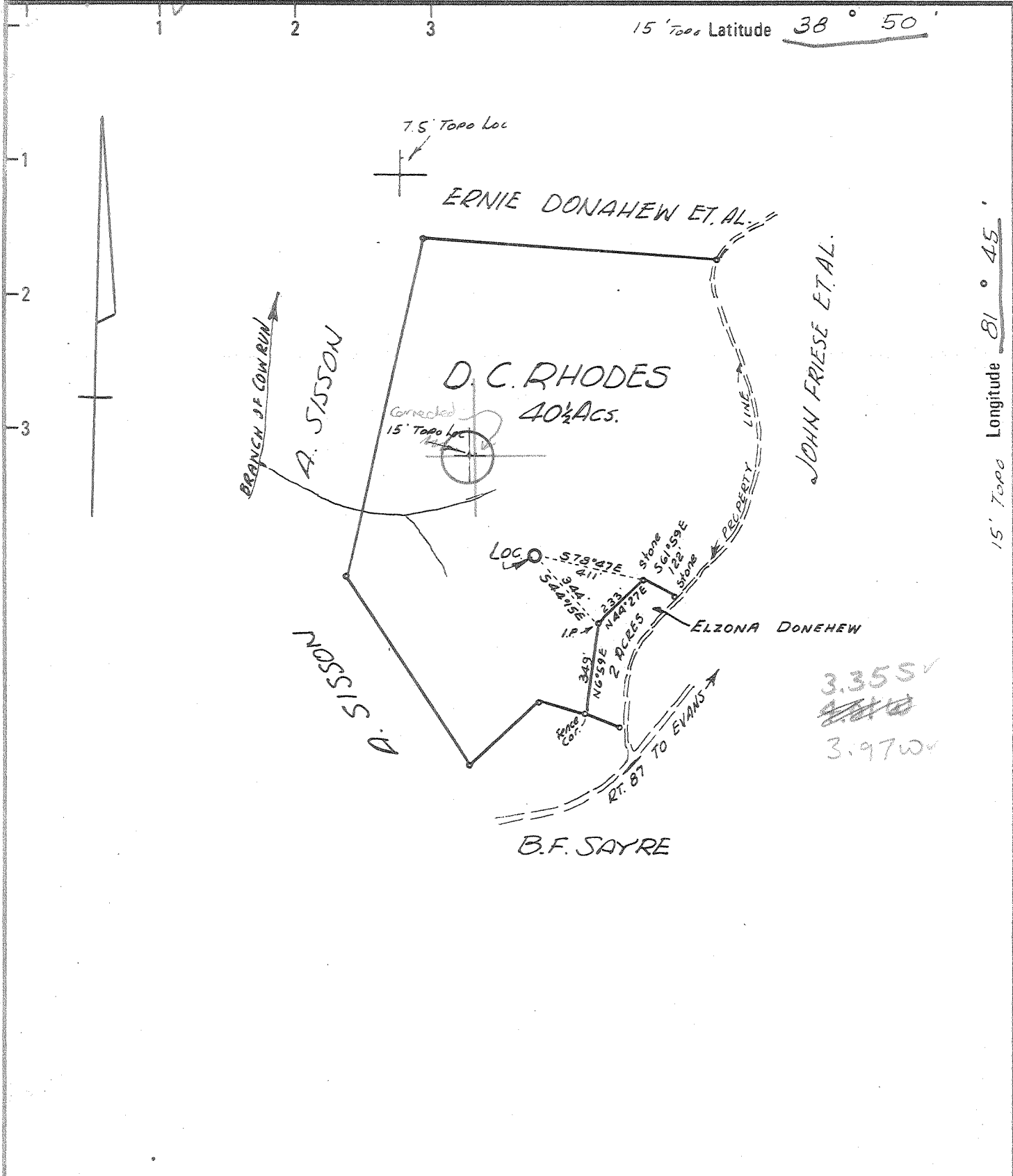
WELL LOCATION MAP  
 FILE NO. JAC-1395 - P  
47-035

+ 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.

47-035 OCT 17 1988

4975' Oriskany



15' Topo Longitude 81° 45'  
7.5' Topo = 81° 47' 30"

3.355 ✓  
~~3.355~~  
3.97W ✓

<p>New Location <input checked="" type="checkbox"/></p> <p>Drill Deeper <input type="checkbox"/></p> <p>Abandonment <input type="checkbox"/></p>	<p>Minimum Error of Closure ..... 1 in 200</p> <p>Source of Elevation ..... U.S.G.S. Elev BM 952 Rt 87 North of Loc</p> <p>"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."</p>
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Company KAISER EXPL. & MINING Co.

Address Box 98 RAVENSWOOD W.VA.

Farm D.C. RHODES

Tract \_\_\_\_\_ Acres 40.5 Lease No. 3263

Well (Farm) No. DEK # 25 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 880'

Quadrangle 7.5' COTTAGEVILLE 15' RAVENSWOOD SE

County JACKSON District UNION

Engineer N.L. Sefton

Engineer's Registration No. 1832

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date 3-18-77 Scale 1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. JAC-1395

+ 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.

**47-035**



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MAR - 6 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD 10

Rotary XXX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas XXXX  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Cottageville

Permit No. JAC 1395

Company Kaiser Exploration & Mining Co.  
Address Box 98, Ravenswood, WV  
Farm D.C. Rhodes Acres 40 1/2  
Location (waters) Left Fork of Cow Run  
Well No. DEK # 25 Elev. 880  
District Union County Jackson  
The surface of tract is owned in fee by \_\_\_\_\_  
D.C. Rhodes  
Address 1407 Red Oak St., Charleston, WV  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling Commenced June 4, 1977  
Drilling Completed June 15, 1977  
Initial open flow Show cu. ft. \_\_\_\_\_ bbls.  
Final production 300 MCF cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test 1810 RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8	248	248	110 Sax
8 5/8			
7	2555	2555	75 Sax
5 1/2			
4 1/2	4839	4839	150 Sax
3			
2			
Liners Used			

Halliburton

Attach copy of cementing record.

Perforated 4 1/2" casing 4780 - 4782 with 16 shots fractured with 816 BBLS water, 29,500# sand and 75M Std. cu.ft. Nitrogen  
Perforated 4 1/2" csg 4440-4620 w/20 shots - no treatment.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany Sand & Marcellus Depth 4780 - 4782 & 4440-4620

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	37		
Sand			37	41		
Shale			41	193		
Sand			193	207		
Red Shales			207	260		
Red Rock			260	282		
Sand			282	291		
Red Rock			291	340		
Shale			340	376		
Red Rock			376	420		
Shale			420	448		
Sand			448	465		
Red Rock			465	503		
Sand			503	530		
Red Rock			530	560		
Sand			560	585		
Red Rock			585	628		
Shale			628	662		
Red Rock			662	692		
Shale			692	730		
Red Rock			730	785		
Sand			785	797		
Red Rock			797	839		
Sand			839	863		

(over)

\* Indicates Electric Log tops in the remarks section.

MAR 20 1978

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			863	882		
Red Rock			882	920		
Shale			920	938		
Red Rock			938	965		
Shale			965	996		
Sand			996	1011		
Shale			1011	1060		
Red Rock			1060	1098		
Shale			1098	1165		
Salt Sand			1165	1258		
Shale			1258	1312		
Sand			1312	1318		
Shale			1318	1342		
Sand			1342	1385		
Shale			1385	1399		
Sand			1399	1420		
Shale			1420	1477		
Sand			1477	1501		
Shale			1501	1641		
Sand			1641	1710		
Shale			1710	1774		
Maxon Sand			1774	1851		
Big Lime			1851	1984		
Shale			1984	2004		
Injun Sand			2004	2118		
Shale			2118	2468		
Coffee Shale			2468	2485		
Berea Sand			2485	2498		
Shale			2498	3651		
Brown Shale			3651	4104		
Shale			4104	4504		
Marcellus Shale			4504	4650'		
Corniferous			4650	4726		
Oriskany			4726	4755		
Lime			4755	4896		

Date March 2 1978

APPROVED Richard A. Payer Owner

By Operations Manager

(Title)



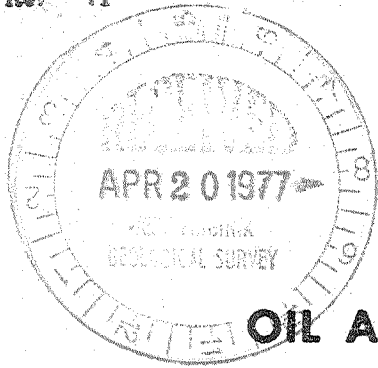
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

APR 10 1977

OIL & GAS DIVISION  
DEPT. OF MINES



OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 29, 1977

Surface Owner D. C. Rhodes

Company Kaiser Exploration & Mining Co.

Address 1407 Red Oak St., Charleston, WV

Address Box 98, Ravenswood, W. Va.

Mineral Owner D. C. Rhodes 25312

Farm D. C. Rhodes Acres 40 1/2

Address 1407 Red Oak St., Charleston, WV

Location (waters) Left Fork of Cow Run

Coal Owner Same as above 25312

Well No. DEK #25 Elevation 880

Address \_\_\_\_\_

District Union County Jackson

Coal Operator Not Operated

Quadrangle Cottageville 7 1/2, Ravenswood 15'

Address \_\_\_\_\_

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 operations have not commenced by 8-19-77

INSPECTOR TO BE NOTIFIED Richard Morris

ADDRESS Grantsville, W. Va.

PHONE 354-7259

*[Signature]*  
Deputy Director - Oil & Gas Division

GENTLEMEN:

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 May 10 19 69 by Ethel Moore, Widow made to Commonwealth Gas Corp. and recorded on the 17th day of June 19 69, in Jackson County, Book 109 Page 384

XXX NEW WELL        DRILL DEEPER        REDRILL        FRACTURE OR STIMULATE  
       OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

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.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Very truly yours, Kaiser Exploration & Mining Co.  
(Sign Name) *[Signature]*  
W. Va. General Operator's Representative

Box 98  
Street  
Ravenswood  
City or Town  
West Virginia  
State

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

BLANKET BOND

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 11.5 and will carry out the specified requirements."

Signed by *[Signature]*

JAC-1395 PERMIT NUMBER

47-035

**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME FWA Drilling Co. NAME Bill W. Backus  
 ADDRESS Box 448, Elkview, WV ADDRESS Box 1433, Charleston, WV  
 TELEPHONE 965-3379 TELEPHONE 342-3171  
 ESTIMATED DEPTH OF COMPLETED WELL: 4975 ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XXX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8	250'	250'	100 Sack = To Surface
8 - 5/8			
7	2650'	650'	75 Sack = 625'
5 1/2			
4 1/2	4975'	4975'	125 Sack = 1500'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS None Anticipated  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place 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

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

RECEIVED  
Division of Energy

Farm name: RHODES, DELMAR Operator Well No.: DEK-25  
LOCATION: Elevation: 880.00 Quadrangle: COTTAGEVILLE  
District: UNION County: JACKSON  
Latitude: 2570 Feet South of 38 Deg. 47 Min. 30 Sec.  
Longitude 9330 Feet West of 81 Deg. 47 Min. 30 Sec.  
Well type: OIL GAS X

Company: Durst Oil and Gas Coal Operator None  
Rt 2 Box 538 or Owner  
Pt. Pleasant, WV 25550  
Agent: Ronald W. Durst Jr Coal Operator  
Inspector: Jerry Tephachok or Owner  
Permit Issued: 10/12/88

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Jackson ss:

Ronald W. Durst Jr and Wale W. Durst being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Durst Oil and Gas, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12th day of July, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
250' Class A Cmt	4400'	4150	4557' 2 3/8" tbg	
100' Class A Cmt	3050	2950	3030 4 1/2" csg	1541'
100' Class A Cmt	2570	2470		
100' Class A cmt	1550	1450	1515 7" csg	728'
100' Class A cmt	250	150	0	210'
50' Class A cmt	50	0	0	

Description of monument: 7' csg 4' tall, filled w/cmt and properly identified

and that the work of plugging and filling said well was completed on the 21st day of July, 1989.

And further deponents saith not.

Sworn and subscribe before me this 17th day of November, 1989  
My commission expires: 3 390

Ronald W. Durst Jr  
Wale W. Durst  
Jerry Tephachok  
Notary Public