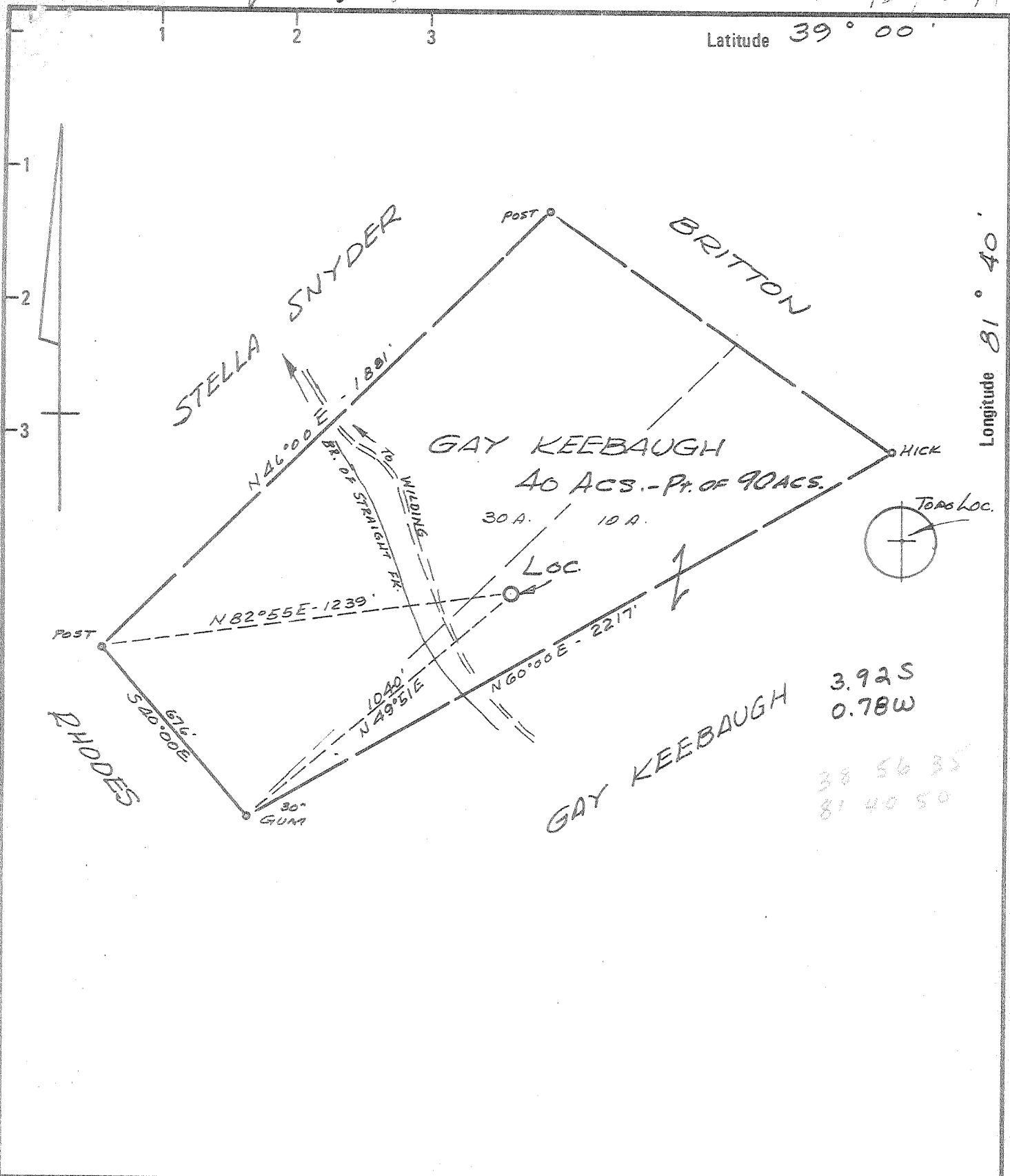


11/22/76 17



3.92 S
0.78 W
38 56 35
81 40 50

Minimum Error of Closure 1 IN 200
 Source of Elevation USGS Elev. 603 Road Intersection
STRAIGHT FORK
 "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 KAISER EXPL. & MINING CO.
 Address BOX 98, RAVENSWOOD, W.V.A.
 Farm GAY KEEBAUGH
 Tract _____ Acres 40 - PT. OF 90 Lease No. 3052
 Well (Farm) No. DEK #5 Serial No. _____
 Elevation (Spirit Level) 754'.0
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer N. L. Lefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 9-6-76 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC - 1383

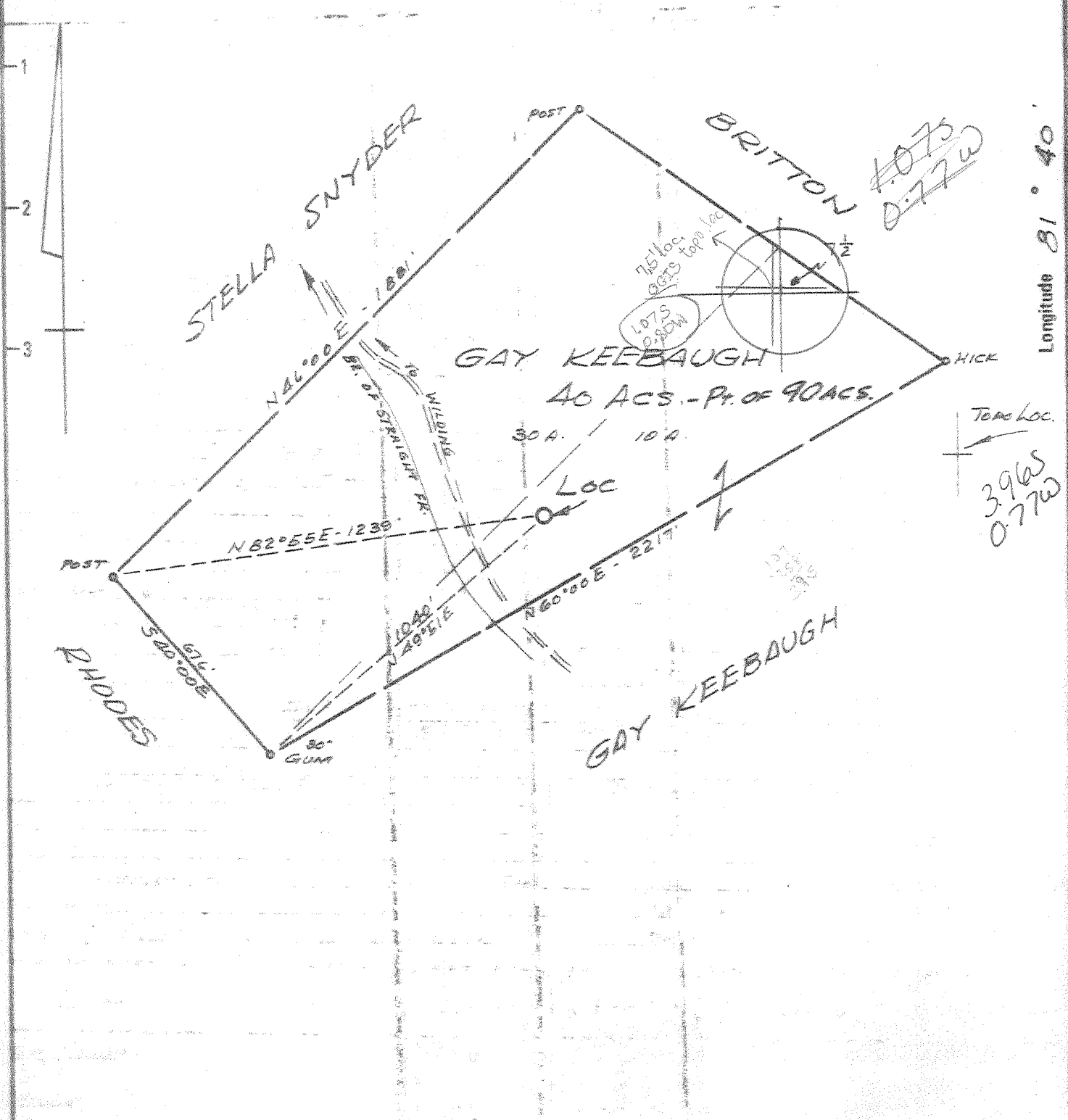
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-035 Corrected to 6-6

1 CODE 2 CARD 3 PLOT

Latitude $39^{\circ} 00'$
 $35^{\circ} 57' 30''$

Longitude $81^{\circ} 40'$



Company KAISER EXPL. & MINING CO. 465
 Address BOX 98, RAVENSWOOD, W.VA.
 Farm GAY KEEBAUGH
 Tract Acres 40 - Pt. of 90 Lease No. 3052
 Well (Farm) No. DEK #5 Serial No. _____
 Elevation (Spirit Level) 754.0 598 112
 Quadrangle RIPLEY 15 SANDYVILLE 7 1/2
 County JACKSON District RAVENSWOOD 2
 Engineer N. L. Defton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 9-6-76 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC - 1383 - Frac
NW,

+ 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.

MAR 24 1976
47-035

N21664 DEEP 4925' ON Skyway OWWO 6-6 Elk-Pora (Sissonville) (192)



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State of West Virginia

Department of Mines
Oil and Gas Division

Date August 5, 1986
Operator's _____
Well No. DEK #5
Farm W. Gay Keebaugh
API No. 47 - 035 - 1383 - F

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 X /)

LOCATION: Elevation: 754' Watershed Straight Fork of Mill Creek
District: Ravenswood County Jackson Quadrangle Ripley

COMPANY Kaiser Exploration and Mining Company
ADDRESS P. O. Box 8, Ravenswood, WV 26164
DESIGNATED AGENT R. A. Pryce
ADDRESS Same
SURFACE OWNER W. Gay Keebaugh
ADDRESS Rt. Box 41, Ravenswood, WV
MINERAL RIGHTS OWNER Same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Jerry
Tephabock ADDRESS Rt. 1, Box 101A, Ripley, WV
PERMIT ISSUED 3/20/86
DRILLING COMMENCED November 26, 1976 7/7/86
DRILLING COMPLETED December 5, 1976 7/9/86

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	See original OG-10		
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Oriskany*, Shale* Depth _____ feet
Depth of completed well _____ feet Rotary X / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? No
Drilled on fluid, not known

OPEN FLOW DATA

Producing formation Berea Sandstone Pay zone depth 2330 feet
Gas: Initial open flow -- Mcf/d Oil: Initial open flow -- Bbl/d
Final open flow 100 Mcf/d Final open flow -- Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 400 psig (surface measurement) after 72 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

*Oriskany and Shale permanently plugged

(Continue on reverse side)

AUG 25 1986

ce
5304

new zone completed

(REVISED)

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

- 7/7/86: Dowell Schlumberger sand notched Berea Sandstone at 2330; total of 6 holes notched.
- 7/9/86: Halliburton to crosslink gel frac the Berea Sandstone. Treated at 1700 psig with 35,000# of 20/40 sand; 180,000 SCF nitrogen; 389 bbl fluid; ISIP: 2400 psig; 5 minute SIP: 2140 psig.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Same as previously submitted					

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY
Well Operator

By: R. A. P.

Date: August 5, 1986

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 coal, encountered in the drilling of a well."



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 436

Rotary XXX Oil _____
Cable _____ XXX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Ripley
Permit No. JAC 1383 - W

Company Kaiser Exploration & Mining Co.
Address Box 98, Ravenswood, WV
Farm W. Gay Keebaugh Acres 20
Location (waters) Straight Fork of Mill Creek
Well No. DEK #5 Elev. 754
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
W. Gay Keebaugh, et ux.
Address Rt. Box 41, Ravenswood, WV
Mineral rights are owned by Same as above
Address _____
Drilling Commenced November 26, 1976
Drilling Completed December 5, 1976
Initial open flow Show cu. ft. -0- bbls.
Final production 200 Mcf cu. ft. per day _____ bbls.
Well open _____ hrs. before test 1050 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8	211	211	100 Sax
8 5/8			
7	2412	2414	75 Sax
5 1/2			
4 1/2	4918	4918	110 Sax
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated 4-1/2" casing 4796-4798 & 4801-4803 with 32 shots fractured with 828 bbls water and 27,000# sand. Test 47 MCF/D, open 4 hrs. 1300 PSI.
Shut in pressure = 1300 psi. Testing not complete.

Perf. Marcellus 4455-4685 w/26 shots, treat w/1000 gal 15% HCl.

Perf. Br. Shale 3797-4053 w/25 shots frac w/1088 bbls. & 90,000 # sand.

Coal was encountered at None Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Oriskany -Marcellus & Br. Shale Depth 4784 - 4816, 4455-4685 & 3797-4053

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Shales			0	62		
Sand			62	88		
Shale			88	138		
Sand			138	160		
Shale			160	297		
Sand			297	346		
Shale			346	373		
Red Rock			373	416		
Shale			416	530		
Sand			530	625		
Shale			625	731		
Red Rock			731	772		
Shale			772	803		
Red Rock			803	845		
Sand			845	875		
Shale			875	953		
Red Rock			953	969		
Shale			969	1031		
Shale			1031	1076		
Salt Sand			1076	1223		
Shale			1223	1276		
Sand			1276	1289		
Shale			1289	1342		
Sand			1342	1404		

(over)

* Indicates Electric Log tops in the remarks section.

FEB 21 1978

Formation	Color	Hard or Soft	Top Feet ⁵	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			1404	1497		
Sand			1497	1515		
Shale			1515	1526		
Sand			1526	1543		
Shale			1543	1607		
Sand			1607	1613		
Shale			1613	1637		
Sand			1637	1642		
Shale			1642	1664		
Maxon			1664	1806		
Big Lime			1806	1839		
Keener			1839	1852		
Shale			1852	1892		
Injun Sand			1892	1960		
Shale			1960	2298		
Coffee Shale			2298	2322		
Berea Sand			2322	2327		
Shale			2327	3518		
Brown Shale			3518	4058		
Shale			4058	4528		
Marcellus Shale			4528	4687		
Onondaga L.S.			4687	4784		
Oriskany Sand			4784	4816		
Helderberg L.S.			4816			
Log Total Depth				4933		

Date October 10 19 77

APPROVED Robert A. Payne Owner

By Staff Petroleum Geologist

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

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OCT 12 1977
OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 13

Quadrangle Ripley
Permit No. JAC 1383

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

Company Kaiser Exploration & Mining Co.
Address Box 98, Ravenswood, WV
Farm W. Gay Keebaugh Acres 20
Location (waters) Straight Fork of Mill Creek
Well No. DEK #5 Elev. 754
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
W. Gay Keebaugh, et ux.
Address Rt. Box 41, Ravenswood, WV
Mineral rights are owned by Same as above
Address _____
Drilling Commenced November 26, 1976
Drilling Completed December 5, 1976
Initial open flow Show cu. ft. -0- bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8	211	211	100 Sax
8 5/8			
7	2412	2414	75 Sax
5 1/2			
4 1/2	4918	4918	110 Sax
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Perforated 4-1/2" casing 4796-4798 & 4801-4803 with 32 shots fractured with 828 bbls water and 27,000# sand.
Shut in pressure = 1300 psi. Testing not complete.

Coal was encountered at None Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Oriskany Depth 4784 - 4816

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Shales			0	62		
Sand			62	88		
Shale			88	138		
Sand			138	160		
Shale			160	297		
Sand			297	346		
Shale			346	373		
Red Rock			373	416		
Shale			416	530		
Sand			530	625		
Shale			625	731		
Red Rock			731	772		
Shale			772	803		
Red Rock			803	845		
Sand			845	875		
Shale			875	953		
Red Rock			953	969		
Shale			969	1031		
Shale			1031	1076		
Salt Sand			1076	1223		
Shale			1223	1276		
Sand			1276	1289		
Shale			1289	1342		
Sand			1342	1404		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			1404	1497		
Sand			1497	1515		
Shale			1515	1526		
Sand			1526	1543		
Shale			1543	1607		
Sand			1607	1613		
Shale			1613	1637		
Sand			1637	1642		
Shale			1642	1664		
Maxon			1664	1806		
Big Lime			1806	1839		
Keener			1839	1852		
Shale			1852	1892		
Injun Sand			1892	1960		
Shale			1960	2298		
Coffee Shale			2298	2322		
Berea Sand			2322	2327		
Shale			2327	3518		
Brown Shale			3518	4058		
Shale			4058	4528		
Marcellus Shale			4528	4687		
Onondaga L.S.			4687	4784		
Oriskany Sand			4784	4816		
Helderberg L.S.			4816			
Log Total Depth				4933		

Date October 10, 19 77

APPROVED Robert A. Payne, Owner

By Staff Petroleum Geologist

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
NOV 23 1976

OIL & GAS DIVISION
DEPT. OF MINES

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

DATE November 22, 1976

Surface Owner William Gay Keebaugh
Address Rt. 2, Box 41, Ravenswood, WV

Company Kaiser Exploration & Mining Co.
Address Box 98, Ravenswood, W. Va.

Mineral Owner Same as Above
Address _____

Farm Gay Keebaugh Acres 40 acres ^{PT. OF 90 ACS.}
Location (waters) Straight Fork of Mill Creek

Coal Owner Same as Above
Address _____

Well No. DEK #5 Elevation 754 Gr.

Coal Operator Not Operated
Address _____

District Ravenswood County Jackson
Quadrangle Ripley 15', Sandyville 7½'

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 3-23-77.

INSPECTOR TO BE NOTIFIED Richard Morris
ADDRESS Grantsville, W. Va.
PHONE 354-7259

Robert J. Hall
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 24 1967 by William Gay Keebaugh, et ux made to Commonwealth Gas Corp. and recorded on the 6th day of June 1967 in Jackson County, Book 105 Page 270

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) *D. H. Lovell*
D. H. Lovell, Resident Engineer
Box 98
Ravenswood
West Virginia

*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.

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 13-b and will carry out the specified requirements."
Signed by *D. H. Lovell*

JAC-1383 PERMIT NUMBER
47-035

BLANKET BOND

Sweeney

**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 Ray Resources Corp. NAME Bill W. Backus
 ADDRESS 630 Commerce Square, So. Charleston, WV ADDRESS Box 1433, Charleston, WV
 TELEPHONE 344-8393 TELEPHONE 342-3171
 ESTIMATED DEPTH OF COMPLETED WELL: 4925 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	200	200	100 Sax
8 - 5/8			
7	2450	2450	75 Sax
5 1/2			
4 1/2	4925	4925	110 Sax
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

FILE COPY
MAR - 3 1988



1) Date: February 7, 19 86
 2) Operator: DEK #5, Keebaugh
 Well No. _____
 3) API Well No. 47 035 1383 -F
 State County Permit

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 754' / Watershed: Straight Fork of Mill Creek
 District: Ravenswood 465 / County: Jackson / Quadrangle: Ripley SANDYVILLE 7/2
- 6) WELL OPERATOR: Kaiser Exploration and Mining Company CODE: 2533-0
 Address: P. O. Box 8 Ravenswood, WV 26164
- 7) DESIGNATED AGENT: R. A. Pryce
 Address: Same
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Jerry Tephabock
 Address: Rt. 1, Box 101-A Ripley, WV
- 9) DRILLING CONTRACTOR: Name: Kaiser Company Tools
 Address: _____
- 10) PROPOSED WELL WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation X / Perforate new formation X /
 Other physical change in well (specify): Plug & Abandon section of well below bottom
- 11) GEOLOGICAL TARGET FORMATION, of 7" casing at 2414'; perforate, stimulate, and produce Berea
- 12) Estimated depth of completed well, 2400' (PBTD) feet
 13) Approximate strata depths: Fresh, N/A feet; salt, N/A feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor									Kind:	none
Fresh water	9 5/8	N/A	N/A	N/A		211'	211'	100 sks	Sizes	
Coal									Depths set	
Intermediate	7"	K-55	20	X		2414'	2414'	75 sks	Perforations:	
Production	4 1/2	J-55	10.5	X			4918'	110 sks	Top	Bottom
Tubing	2 3/8	J-55	4.6	X			4809'		4796	4803 (KB)
Liners									4455	4685 (KB)
									3797	4053 (KB)

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1383-Frac Date March 20, 19 86

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires March 20, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond	Agent: <u>KB</u>	Plat: <u>KS</u>	Casing: <u>KS</u>	Fee: <u>969383</u>	WPCP FRAC TANK	S&E: <u>KB</u>	Other
------	------------------	-----------------	-------------------	--------------------	----------------	----------------	-------

NOTE: Keep one copy of this permit posted at the drilling location.
John H. Justrab by Margaret J. Hawn
 Director, Division of Oil and Gas File