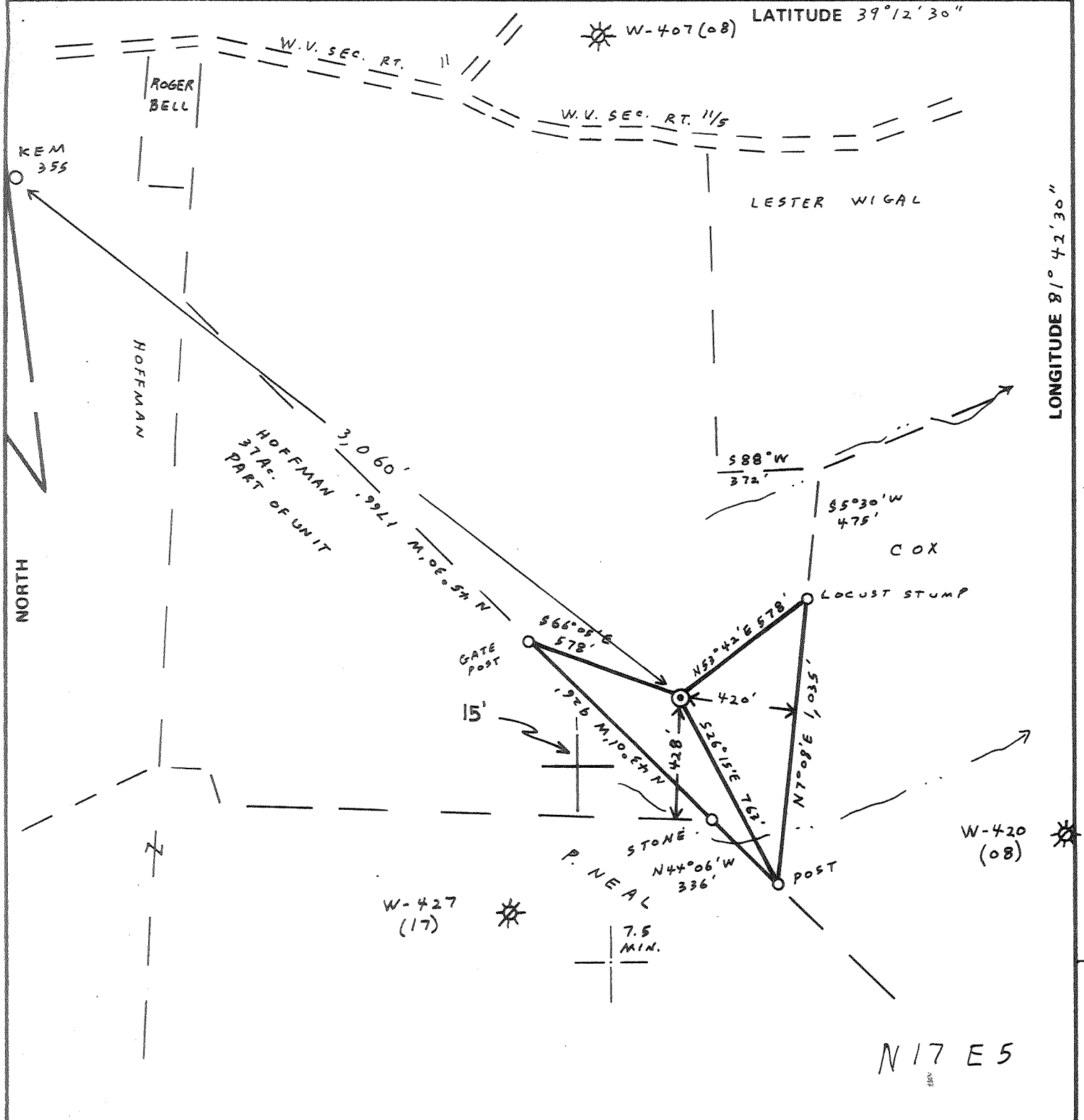


5-4-83

6,775'



LONGITUDE 81° 42' 30"

13,975'

FILE NO. 6-11  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION INTER. W.V. RT. 11 + 1/2  
ELEV. = 744, 2,313' N.W. OF LOCATION

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) Vincent W. Wood  
 R.P.E. \_\_\_\_\_ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

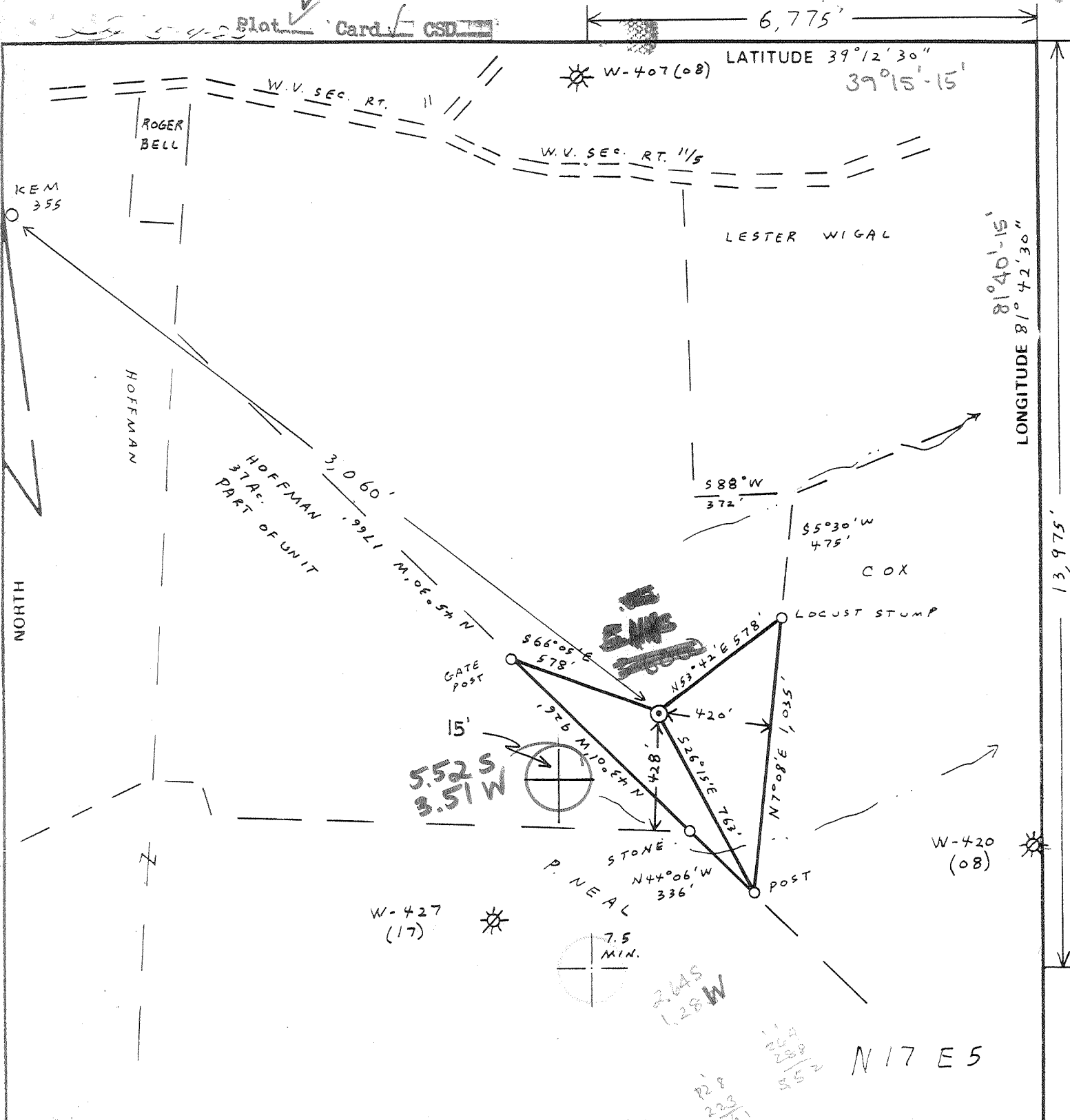


DATE APRIL 22, 1983  
 OPERATOR'S WELL NO. KEM 356  
 API WELL NO. \_\_\_\_\_  
47 - 107 - 1259-P  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 807 WATER SHED NORTH FORK OF LEE CREEK  
 DISTRICT HARRIS COUNTY WOOD  
 QUADRANGLE LUBECK  
 SURFACE OWNER ROY W. AND ROBERT E. WILD MAN ACREAGE 79.49  
 OIL & GAS ROYALTY OWNER ROY W. AND ROBERT E. WILD MAN LEASE ACREAGE 79.49  
 LEASE NO. 86-02-1935  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
DEEP WELL  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4357'  
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.  
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8

WOOD - 1259

FORM IV-6 (8-78)



FILE NO 6-11  
 DRAWING NO \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION INTER. W.V. RT. 11 + 1/5  
ELEV. = 744, 2,313' N.W. OF LOCATION

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) Vincent W. Wood  
 R.P.E. \_\_\_\_\_ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 22, 1983  
 OPERATOR'S WELL NO. KEM 356  
 API WELL NO. \_\_\_\_\_  
47 - 107 - 1259  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 807 WATERSHED NORTH FORK OF LEE CREEK  
 DISTRICT HARRIS COUNTY WOOD  
 QUADRANGLE LUBECK Belleville 15'NW  
 SURFACE OWNER ROY W. AND ROBERT E. WILDMAN ACREAGE 79.49  
 OIL & GAS ROYALTY OWNER ROY W. AND ROBERT E. WILDMAN LEASE ACREAGE 79.49  
 LEASE NO. 86-02-1935

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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4357'  
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.  
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8

MAY 09 1983

DEEP

New England (296)

WOOD - 1259



IV-35  
(Rev 8-81)

FERC file

Date June 13, 1984  
Operator's  
Well No. KEM 356  
Farm Wildman  
API No. 47 - 107 - 1259

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: 807' Watershed North Fork of Lee Creek  
District: Harris County Wood Quadrangle Lubeck

COMPANY Kaiser Exploration and Mining Co.

ADDRESS P.O. Box 8, Ravenswood, WV 26164

DESIGNATED AGENT R. A. Pryce

ADDRESS same

SURFACE OWNER Roy W. & Robert E. Wildman

ADDRESS Rt. 1, New England, WV

MINERAL RIGHTS OWNER same

ADDRESS    

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Dougherty ADDRESS    

PERMIT ISSUED    

DRILLING COMMENCED November 17, 1983

DRILLING COMPLETED November 30, 1983

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

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10' 3/4"		356'	200 sx Class A 3% CaCl
9 5/8			1/4#/sk flocele
8 5/8			
7		1758'	100 sx 50/50 poz; 10% salt, 100' sx
5 1/2			Class A, 3% CaCl
4 1/2		4324'	225 sx 50/50 poz 10% salt, 2 1/2
3			#/sk gilsonite
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Depth 4340 feet(KB)

Depth of completed well 4334 feet Rotary X / Cable Tools    

Water strata depth: Fresh N/A feet; Salt N/A feet

Coal seam depths: NONE RECOGNIZED Is coal being mined in the area? NO

Drilled on fluid not known

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth 4249 - 4253 feet

Gas: Initial open flow     Mcf/d Oil: Initial open flow     Bbl/d

Final open flow To much fluid, to test Mcf/d Final open flow     Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1480 psig(surface measurement) after     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)

JUN 18 1984

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.  
 12/02/83 Young's Wireline perforated the Oriskany with 16 holes (.50" dia) from  
 4253' - 4249'.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil and Shale			0	124	
Sand			124	150	
Shale			150	186	
Sand			186	232	
Siltstone			232	385	
Shale			385	508	
Sand			508	607	
Shale and Siltstone			607	1210	
Little Dunkard Sand			1210	1285	
Shale			1285	1310	
Big Dunkard Sand			1310	1436	Production (Mcf) 1984 22,460
Shale			1436	1504	1986 26,151
Salt Sands			1504	1660	1988 11,363
Shale			1660	2003	89 6,680
Coffee Shale			2003	2022	90 3,670
Berea Sand			2022	2026	91 202
Shale			2026	3157	92 137
Brown Shale			3157	3635	S/G 93 11
Shale			3635	3860	94 47
Marcellus Shale			3860	4152	S/G @ 3550'
Onondaga Lime			4152	4232	S/G @ 3928'
Oriskany Sand			4232	4272	(Attach separate sheets as necessary)
Helderberg Lime			4272	4352	S/G @ 4250'

Total Depth

Well Operator

4362

By:

Date:

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  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT 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.

Farm name: WILDMAN, ROY & ROBERT Operator Well No.: KEM 356

LOCATION: Elevation: 807.00 Quadrangle: LUBECK  
District: HARRIS County: WOOD  
Latitude: 13975 Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude: 6775 Feet West of 81 Deg. 42 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS \_\_\_\_\_

Company: Peake Energy, Inc.  
P. O. Box 8  
Ravenswood, WV 26164

Coal Operator Roy & Robert Wildman  
or Owner Rt. 1  
New England, WV 26154

Agent: Thomas S. Liberatore

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 08/24/94

AFFIDAVIT

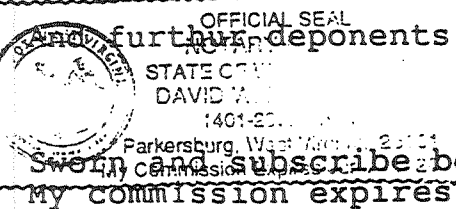
STATE OF WEST VIRGINIA,  
County of Wood

ss:

Jon Ullom and Mike Wine 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 the above named well operator, and participated in the work of plugging and filling the above well, and Glen Robinson Oil and Gas Inspector representing the Director, say that said work was commenced on the 30th day of March, 1995, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Solid Mech. Bridge (2 sks cal Seal)	4000'			
6% gel	4000'	1276'		
Class A Cement (1276 ft. 4 1/2" casing pulled)	1276'	1176'		
6% gel	1176'	100'		
(3081 ft. 4 1/2" left)				
Class A Cement	100'	surface		
				1850' 7" <i>4/24/96</i>
				350' 10 3/4"

Description of monument: 4 ft. of 4" pipe with API # and that the work of plugging and filling said well was completed on the 31st day of March, 1995.



further deponents saith not.

*Jon Ullom*  
*Michael Wine*  
\_\_\_\_\_  
*David L. Robinson*  
Notary Public

Sworn and subscribed before me this 16th day of January, 1996  
my commission expires: 6-11-2000

Oil and Gas Inspector:



1) Date: April 29, 19 83  
 2) Operator's Well No. KEN #356  
 3) API Well No. 47 107 1259  
 State County Permit

DRILLING CONTRACTOR:

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

Clint Hurt  
Elkview, WV

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep X / Shallow \_\_\_\_\_ /)
- 5) LOCATION: Elevation: 807 Watershed: North Fork of Lee Creek  
 District: Harris County: Wood Quadrangle: Lubeck
- 6) WELL OPERATOR Kaiser Exp. & Min. Company 11) DESIGNATED AGENT R. A. Pryce  
 Address P. O. Box 8 Address Same  
Ravenswood, WV 26164
- 7) OIL & GAS ROYALTY OWNER Roy M. & Robert E. Wildman 12) COAL OPERATOR None  
 Address Rt. 1 Address \_\_\_\_\_  
New England, WV
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address \_\_\_\_\_ Name None  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Homer Dougherty Name None  
 Address Linden Rt., Box 3A Address \_\_\_\_\_  
Looneyville, WV
- 15) PROPOSED WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_ /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Oriskany
- 17) Estimated depth of completed well, \_\_\_\_\_ feet
- 18) Approximate water strata depths: Fresh, 307 feet; salt, \_\_\_\_\_ feet.
- 19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

20) 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		
Conductor									Kinds
Fresh water	<u>10 3/4"</u>			<u>X</u>		<u>350250</u>	<u>350250</u>	<u>150 sks class A to surface</u>	Sizes
Coal				<u>X</u>				<u>65 sks 50/100 mesh</u>	Depths set
Intermediate	<u>7"</u>			<u>X</u>				<u>100 sks class A</u>	
Production	<u>4 1/2"</u>			<u>X</u>		<u>1888 1850</u>	<u>1850</u>	<u>225 sks 50/100 mesh</u>	Perforations:
Tubing						<u>4357</u>	<u>4357</u>		Top Bottom
Liners									

- 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: \_\_\_\_\_ Signed: General Manager  
 My Commission Expires \_\_\_\_\_ Its: \_\_\_\_\_

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-107-1259 Date May 8 19 83

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 January 4, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>1313</u>	Agent: <u>✓</u>	Plat: <u>2</u>	Casing: <u>2</u>	Fee: <u>100</u>
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Administrator, Office of Oil and Gas