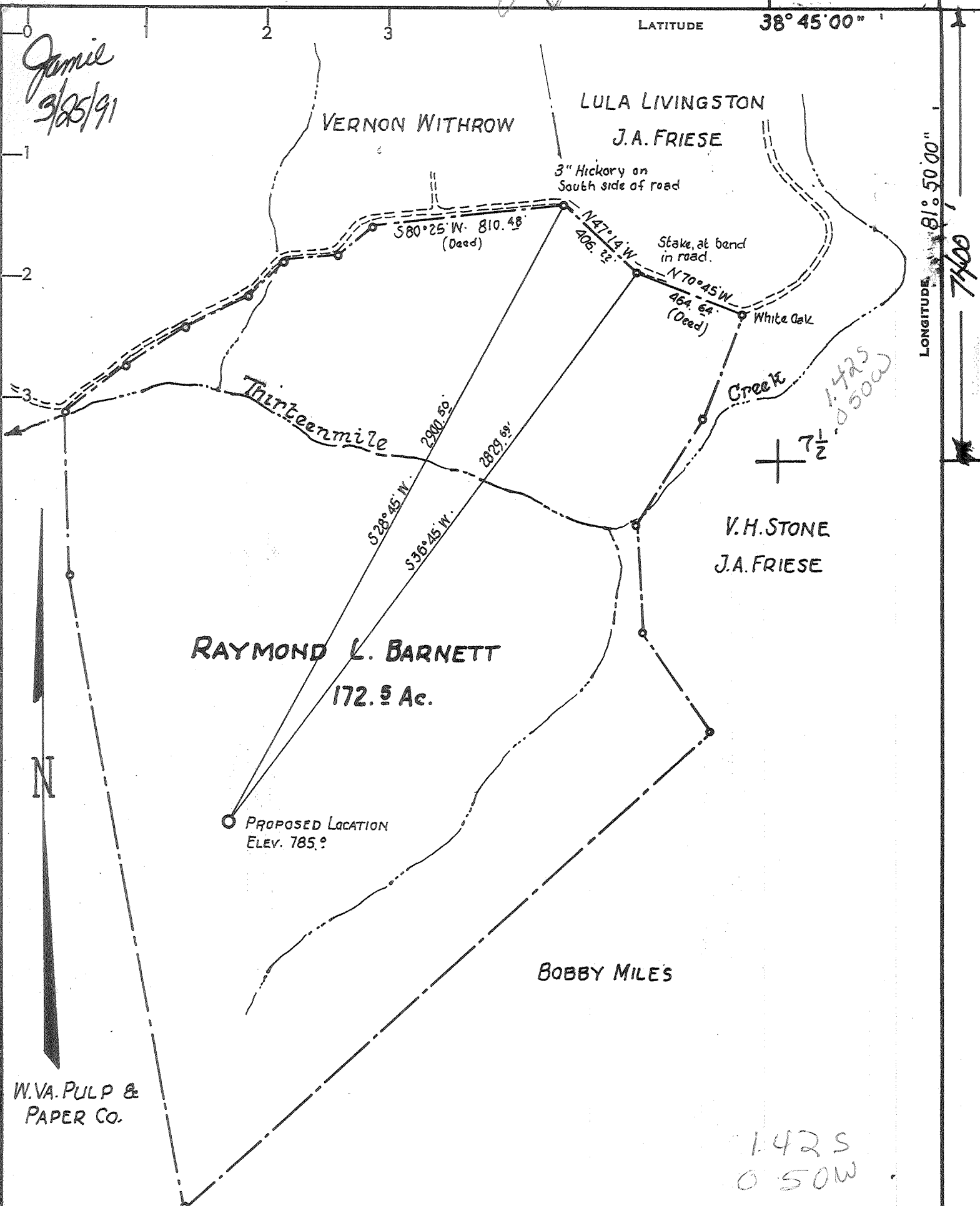


2900

LATITUDE 38° 45' 00"

LONGITUDE 81° 50' 00"

Jamie
3/25/91



RAYMOND L. BARNETT
172.5 Ac.

LULA LIVINGSTON
J.A. FRIESE

V.H. STONE
J.A. FRIESE

BOBBY MILES'S

W.VA. PULP & PAPER CO.

PROPOSED LOCATION
ELEV. 785.0'

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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."

Minimum degree of accuracy is one part in 200

Signed *Jamie H. Barnett* 4/5/2001

COMPANY: *Peake Energy Inc.*
 ADDRESS: *P.O. Box Ravenswood, WV 26164*
 FARM: *RAYMOND L. BARNETTE*
 MAP: _____ ACRES: *172.5* LEASE NO.: _____
 WELL (FARM) NO.: *1* SERIAL NO.: *KEM. 8*
 ELEVATION (SPIRIT LEVEL): *785.0'*
 QUADRANGLE: *ELMWOOD, T15* *Winfield, WV*
 COUNTY: *MASON* DISTRICT: *UNION 9*
 POINT OF PROVEN ELEVATION: *U.S.G.S. DATUM*
 FILE NO.: _____ DRAWING NO.: _____
 DATE: *FEBRUARY 20, 1979* SCALE: *1" = 500'*

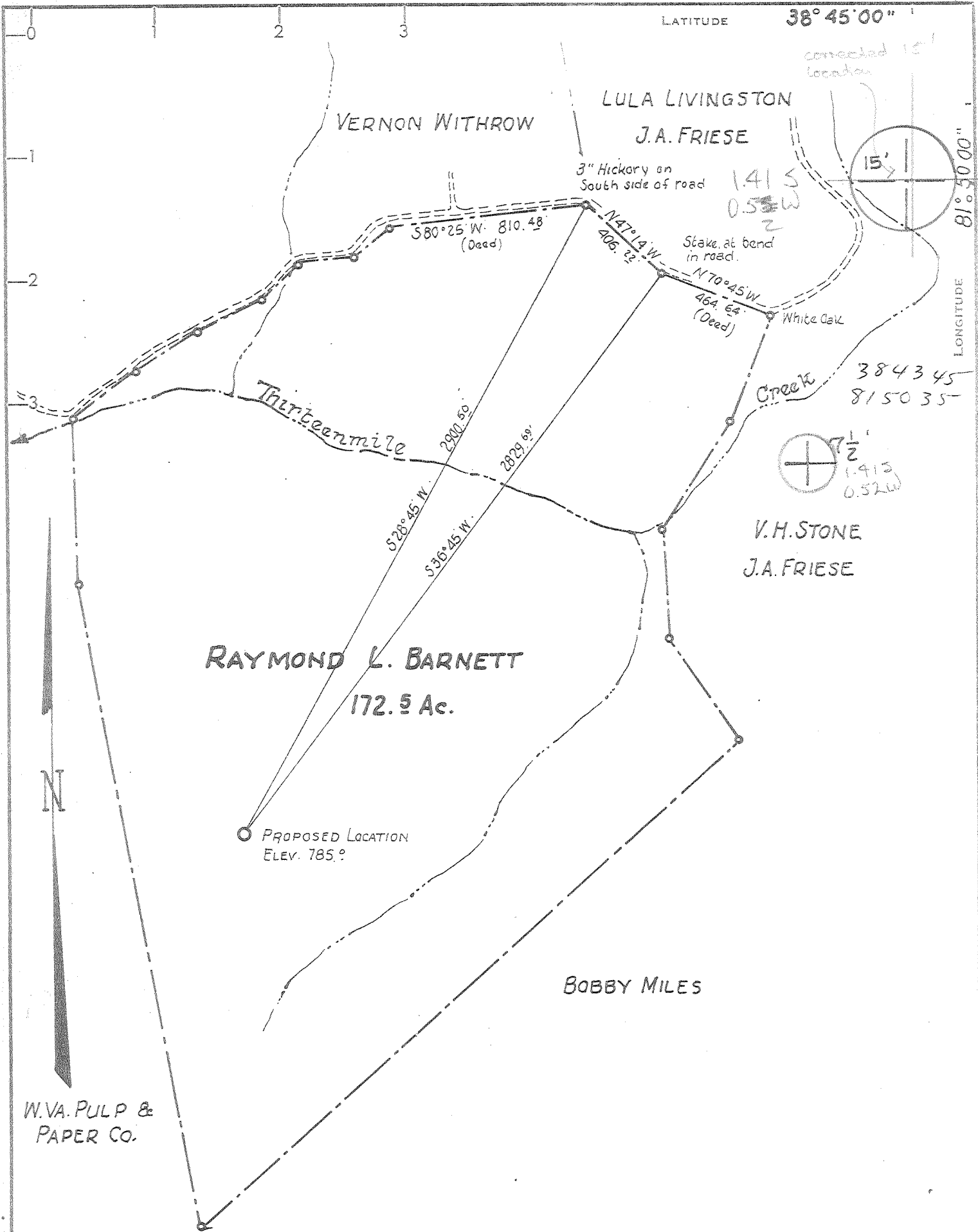
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
APP. 1/26/86 47-053-0182-7
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO *24,500* LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

DEEP WELL OWNED BY 4800-DRISPAW 6-6 Rock Castle (346)

*1.425
0.50W*

any back APRIL NOW formation

MAR 29 1991



W.VA. PULP & PAPER CO.

CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200

Signed _____ 7

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING CO.
 ADDRESS P.O. Box 537 RIPLEY, W.VA.
 FARM RAYMOND L. BARNETT
 MAP _____ ACRES 172.5 LEASE NO. _____
 WELL (FARM) NO. 1 SERIAL NO. KEM. 8
 ELEVATION (SPIRIT LEVEL) 785.0'
 QUADRANGLE ELMWOOD, WINFIELD 15' NC
 COUNTY MASON DISTRICT UNION
 POINT OF PROVEN ELEVATION U.S. G.S. DATUM
 FILE NO. _____ DRAWING NO. _____
 DATE FEBRUARY 20, 1979 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. 47-053-0182
 + 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. 24,000 MAR 21 1979
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Deep Well 5-5 Rock Castle (346)



Handwritten: 11664

FEB 20 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD³⁷

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle Elmwood
Permit No. 47-053-0182

Company Kaiser Exploration and Mining Company
Address P. O. Box 8, Ravenswood, WV 26164
Farm Raymond Lee Barnette Acres 172.5
Location (waters) Thirteen Mile Creek
Well No. KEM 8 Elev. 780'
District Union County Mason
The surface of tract is owned in fee by _____
Raymond Lee Barnette
Address 216 Third Ave. Ripley, WV 25271
Mineral rights are owned by Same
Address _____
Drilling Commenced 9/17/79
Drilling Completed 9/25/79
Initial open flow 51,000 cu. ft. --- bbls.
Final production 2000 M cu. ft. per day --- bbls.
Well open 24 hrs. before test 1850 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 10 3/4"	251' (KB)	Same	125 sx class A (To surface) (Dowell)
9 5/8			
8 5/8			65 sx pozmix
7	2514' (KB)	Same	100 sx class A (Dowell)
5 1/2			
4 1/2	4785' (KB)	Same	225 sx pozmix (Dowell)
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Perforated the Oriskany S.S. from 4711.5' - 4716.5' (K.B) w/ 4 holes/ft (9/28/79);
Dowell and Aircowell fractured the Oriskany w/30,000# 80/100 mesh sand, 30,000# 20/40 mesh sand, 500 gal 28% HCL, 882 BBL water, and 162,000 SCF nitrogen.
2,000 MCF

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Oriskany Depth 4712-17

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	4		
Shale			4	56		
Red Rock			56	85		
Siltstone			85	144		
Sand			144	167		
Siltstone			167	192		
Sand			192	213		
Siltstone			213	242		
Shale			242	274		
Red Rock			274	365		
Siltstone			365	384		
Red Rock			384	444		
Shale			444	463		
Red Rock			463	566		
Coal			566	571		
Red Rock			571	584		
Sand			584	605		
Shale			605	626		
Sand			626	644		
Shale			644	718		
Sand			718	738		
Red Rock			738	896		
Sand			896	914		

TOPS FROM KB = 790

(over)

* Indicates Electric Log tops in the remarks section.

MAR 10 1980

Formation	Color	Hard or Soft	Top Feet 37	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			914	1015		
Sand			1015	1051		
Shale			1051	1068		
Sand			1068	1147		
Shale			1147	1233		
Sand			1233	1269		
Shale			1269	1290		
Sand			1290	1355		
Shale			1355	1402		
Sand			1402	1421		
Shale			1421	1456		
Siltstone			1456	1510		
Shale			1510	1552		
Sand			1552	1572		
Shale			1572	1606		
Sand			1606	1671		
Shale			1671	1697		
Sand			1697	1705		
Shale			1705	1720		
Sand			1720	1727		
Shale			1727	1770		
Sand			1770	1788		
Shale			1788	1800		
Maxton			1800	1862		
Big Lime			1862	1934		
Shale			1934	1999		
Big Injun			1999	2106		
Shale			2106	2417		
Coffee Shale			2417	2434		
Berea			2434	2448		
Shale			2448	3614		
Brown Shale			3614	4066		
Shale			4066	4424		
Marcellus			4424	4612		
Onondaga			4612	4690		
Oriskany			4690	4728		
Helderberg			4728	4793		
T.D.			4793			
GR log - El. 730'Ka						
H. 3214						
T 4002						
A 4199						
EL 4399						
On 4672						

Date February 20 1980

APPROVED Kaiser Exploration and Mining Company

By [Signature]
Operations Manager



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 26 1979

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE February 19, 1979
Company Kaiser Exploration and Mining Company
Address P. O. Box 537, Ripley, WV 25271
Farm Raymond Lee Barnette Acres 178.5/172.5
Location (waters) Thirteen Mile Creek
Well No. KEM #8 Elevation 780
District Union County Mason
Quadrangle Elmwood

Surface Owner Raymond Lee Barnette
Address 216 Third Avenue, Ripley, WV 25271
Mineral Owner Same as above
Address Same as above
Coal Owner Same as above
Address Same as above
Coal Operator None
Address None

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 TO BE NOTIFIED Kenneth Butcher

operations have not commenced by 10-27-79, ADDRESS RFD #1, Barboursville, WV 25504

PHONE 736-4885

[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 April 29, 19 78 by Raymond Lee Barnette made to Kaiser Exploration & Mining Co. and recorded on the 5th day of May 19 78 in Mason County, Book 43 Page 208
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:

W. VA. OIL & GAS CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25311

Address
of
Operator

Very truly yours,
(Sign Name) R. A. Pryce
R. A. Pryce Well Operator Operations Manager
P. O. Box 537
 Street
Ripley
 City or Town
West Virginia 25271
 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 BOARD

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Not known at this time NAME Robert A. Pryce
 ADDRESS _____ ADDRESS P. O. Box 537, Ripley, WV 25271
 TELEPHONE _____ TELEPHONE 372-2827 or 372-2828
 ESTIMATED DEPTH OF COMPLETED WELL: 4800 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS X 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 10 3/4	250	250	Cement to surface
8 - 5/8			
7	2550	2550	125 sks = 570 feet
5 1/2			
4 1/2	4800	4800	125 sks = 1500 feet
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? None 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
WELL WORK PERMIT APPLICATION

Page of
Drilled 3/28/91
Expires 3/28/93

- 1) Well Operator: PEAKE ENERGY, INC. (37085)
- 2) Operator's Well Number: KEM 8 3) Elevation: 785.0
- 4) Well type: (a) Oil / or Gas X/
(b) If Gas: Production / Underground Storage /
Deep / Shallow X/
OK
- 5) Proposed Target Formation(s): Devonian Brown Shale
- 6) ~~Exposed~~ Total Depth: 4250 feet
Plug-Back
- 7) Approximate fresh water strata depths: none reported when originally drilled.
- 8) Approximate salt water depths: 2010, 2440
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No X
- 11) Proposed Well Work: Set permanent plug (with cal-seal) at approximately 4250 feet Stimulate Brown Shale by fracturing; No change in existing casing.
- 12)

CASING AND TUBING PROGRAM

Plug Back & Seal Existing Well
OK

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Existing csg in-ground						
Conductor						
Fresh Water	10-3/4"			251	251	125 sx
Coal						
Intermediate	7"			2514	2514	165 sx
Production	4-1/2"			4785	4785	225 sx
Tubing						
Liners						

PACKERS : Kind *well was originally drilled in 1979.
 Sizes
 Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCR
 Plat WW-9 WW-2B Bond *Blanket* Agent

Handwritten: 1) 2) 3)
DIVISION OF OIL AND GAS
DEPARTMENT OF ENERGY

Date: February 21, 1991
Operator's well number
KEM #8
API Well No: 47 - 053 - 0182 F
State - County - Permit

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

4) Surface Owner(s) to be served:
(a) Name Raymond Barnett
Address 216 Third Avenue
Ripley, WV 25271
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Glen Robinson
Address Box 1
Belleville, WV 26133
Telephone (304)- _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
x Personal Service (Affidavit attached)
_____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator PEAKE ENERGY, INC.
By: [Signature]
Its: _____ Designated Agent
Address P. O. Box 8
Ravenswood, WV 26164
Telephone 273-5371

Subscribed and sworn before me this 21 day of Feb, 1991

Notary Public
My commission expires October 28, 1993

RECEIVED
Division of Energy

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

JUN 11 91

Oil and Gas
Well Operator's Report of Well Work

Farm name: BARNETTE, RAYMOND LEE Operator Well No.: KEM-8

LOCATION: Elevation: 785.00 Quadrangle: ELMWOOD

District: UNION County: MASON
Latitude: 7400 Feet South of 38 Deg. 45Min. 0 Sec.
Longitude: ~~2700~~ 2800 Feet West of 81 Deg. 50 Min. 0 Sec.

Company: PEAKE ENERGY, INC.
P. O. BOX 8
RAVENSWOOD, WV 26164-0008

Agent: DAVID L. COX

Inspector: GLEN P. ROBINSON
Permit Issued: 03/28/91
Well work Commenced: 06/04/91
Well work Completed: 06/05/91
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) PB to 4250 ft.
Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
NO CHANGE IN EXISTING CASING -			
SEE ORIGINAL WELL RECORD FILED			
BY KAISER EXPLORATION & MINING CO.			
ON FEBRUARY 20, 1980			

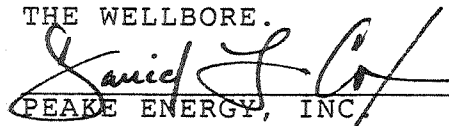
OPEN FLOW DATA

Producing formation Dev. Brown Shale Pay zone depth (ft) 3849-4065
Gas: Initial open flow -- MCF/d Oil: Initial open flow -- Bbl/d
Final open flow 199 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 800 psig (surface pressure) after 20 Hours

Second producing formation * Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

*Oriskany was abandoned and no longer producing

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.


For: PEAKE ENERGY, INC.

By: David L. Cox, Manager of Geology
Date: June 6, 1991

JUN 17 1991

FORM WR-35
(Reverse)

API NO: 47-053-0182 F
Well No: KEM #8
Well Name: Barnett

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

June 4, 1991: Atlas Wireline set permanent plug inside 4-1/2" casing at 4250 ft. Cal-Seal was placed on top of permanent plug. Atlas perforated the Brown Shale interval from 3849 to 4065 using 32 holes.

June 5, 1991: Dowell foam-fractured the Brown Shale using 60,000# of sand, 620,000 SCF of nitrogen, and 251 bbl of fluid. BDP = 2090 psig ATP = 2100 psig

WELL LOG

FORMATION	TOP	BOTTOM	REMARKS
NOTE: WELL WAS ORIGINALLY DRILLED BY KAISER EXPLORATION & MINING CO. IN SEPTEMBER OF 1979. NO CHANGE FROM PREVIOUSLY SUBMITTED WELL RECORD.			

12009