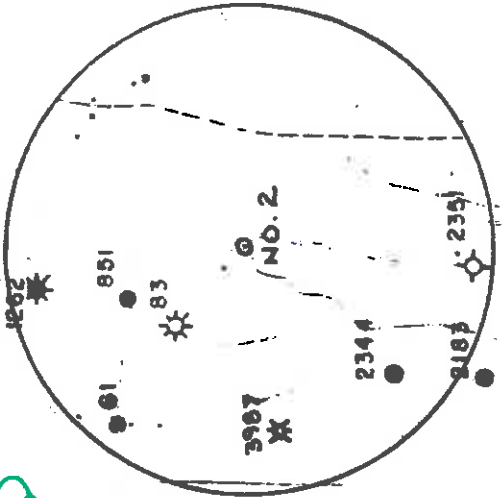
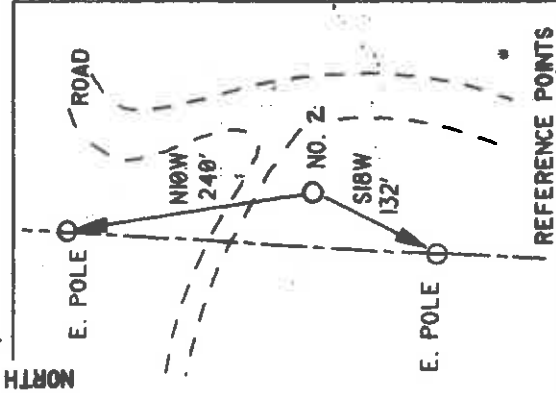
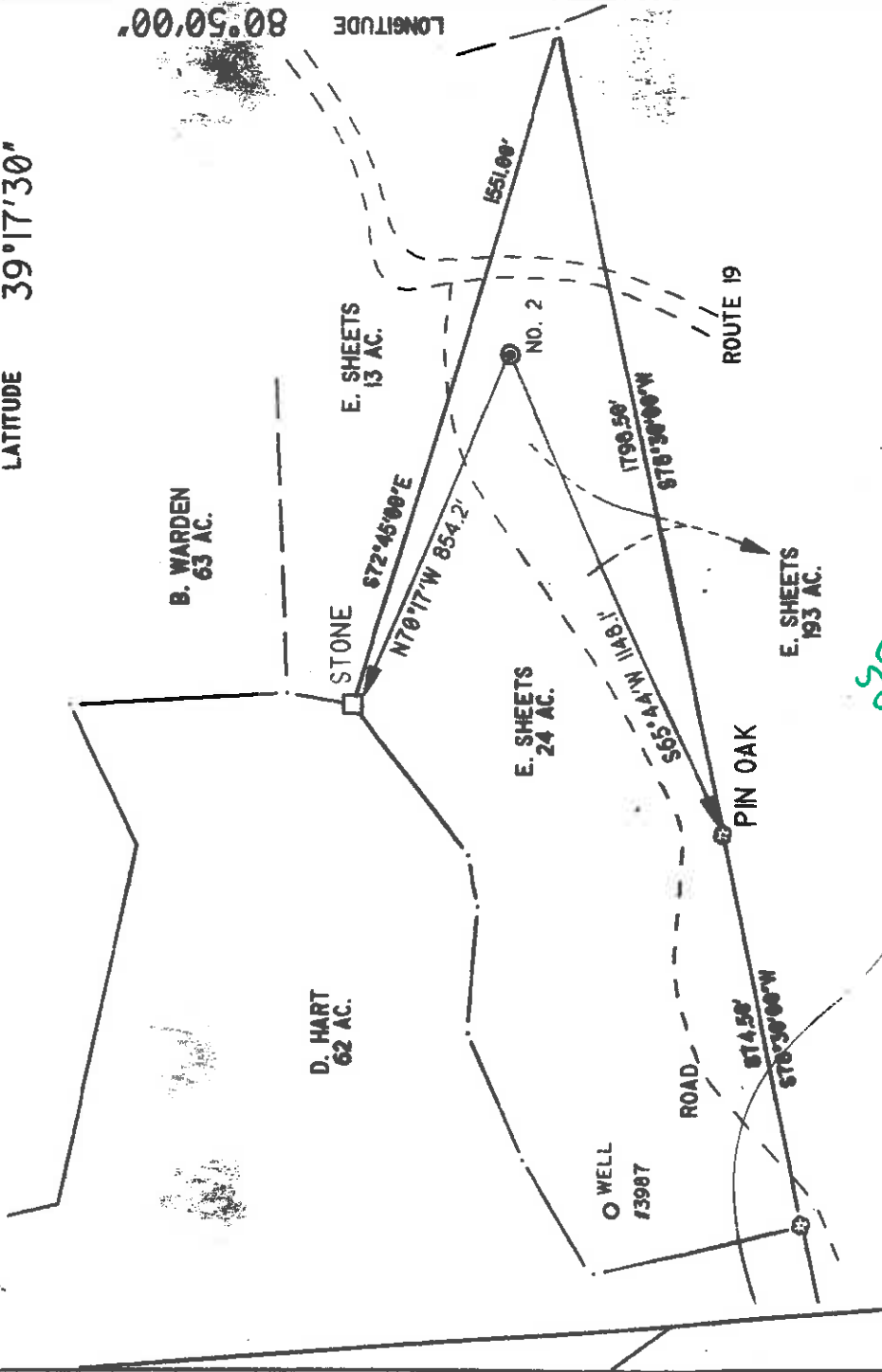


FORM WW 6

9,375' LATITUDE 39°17'30"

80°50'00" LONGITUDE

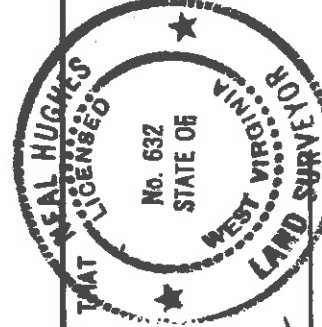
11,000'



1.002

4.818

I THE UNDERSIGNED, DO 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 ENERGY.



L.L.S. *Neal Hughes*
632

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE DECEMBER 13, 19 95
OPERATORS WELL NO. SHEETS 2

API WELL NO. 47 - 017 - 04240
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION KNOB 1332'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 'GAS' PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,120' WATERSHED LEASON RUN

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE WEST UNION
SURFACE OWNER ERIE D. SHEETS ACREAGE 24
ROYALTY OWNER ERIE D. SHEETS LEASE ACREAGE 24

PROPOSED WORK:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER
ESTIMATED DEPTH 5400'

WELL OPERATOR KEY OIL CO. DESIGNATED AGENT JAN CHAPMAN
ADDRESS 22 GARTON PLAZA WESTON, WV 26452
ADDRESS 22 GARTON PLAZA WESTON, WV 26452
ADDRESS 6-6-99 WESTON, WV 26452

COUNTY NAME PERMIT

MAR 1 1 1996

API # 47- 17-04240
03-Jan-96

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work
Operator Well No.: SHEETS #2

Farm name: SHEETS, ERIE D.

LOCATION: Elevation: 1,120.00 Quadrangle: WEST UNION

District: CENTRAL County: DODDRIDGE
Latitude: 11000 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 9375 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 01/03/96
Well work Commenced: 1/23/96
Well work Completed: 2/3/96
Verbal Plugging
Permission granted on:
Rotary Cable Rig
Total Depth (feet) 5658'
Fresh water depths (ft) 792'
Salt water depths (ft) 2003'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): NONE REPORTED

OPEN FLOW DATA

BALLTOWN
RILEY
BENSON

Producing formation ALEXANDER Pay zone depth (ft) 5248-5364
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1,409 MCF/d Final open flow SHOW Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure 1750 psig (surface pressure) after 96 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

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: KEY OIL COMPANY

By: [Signature] PRESIDENT

Date: MARCH 6, 1996

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	128	128	70 SKS. TO SURFACE
8 5/8	1848	1848	495 SKS. TO SURFACE
4 1/2		5428	430 SKS.
1.5		5306	

3890-4580
4606-4673
5033-5044

MAR 1 1996

Sheets #2 (47-017-4240)
Four Stage Foam Frac - Halliburton

1st Stage: Alexander (10 holes) (5326.50' -5342.50')	60 Quality Foam, 500 gal. 15% HCl, 60,000 lbs. 20-40 sand, 490,000 SCF N ₂ , 811 bbls. foamed water.
2nd Stage: Benson (8 holes) (5038.25' -5040') Third Riley (3 holes) (4873.25' -4873.75')	60 Quality Foam, 750 gal. 15% HCl, 35,000 lbs. 20-40 sand, 501,000 SCF N ₂ , 568 bbls. foamed water.
3rd Stage: Riley (11 holes) (4628.75' -4666.50')	75 Quality Foam, 750 gal. 15% HCl, 10,000 lbs. 80-100 sand, 30,000 lbs. 20-40 sand, 508,000 SCF N ₂ , 611 bbls. foamed water.
4th Stage: Balltown (12 holes) (3900.25' -4090.75')	75 Quality Foam, 750 gal. 15% HCl, 10,000 lbs. 80-100 sand, 50,000 lbs. 20-40 sand, 629,000 SCF N ₂ , 841 bbls. foamed water.

Well Log

Formation	Top Feet	Bottom Feet	Remarks
Fill & Clay	0	14	Hole damp at 792'
Sand & Shale	14	110	3" stream water at 2003'
Red Rock & Shale	110	142	
Sand & Shale	142	1009	Gas Checks: No gas checks were taken while drilling due to hole conditions.
Red Rock & Shale	1009	1080	
Sand & Shale	1080	1964	
Maxton	1964	2060	
Little Lime	2060	2090	
Pencil Cave	2090	2105	
Big Lime	2105	2210	
Big Injun Shale	2210	2240	
Weir	2240	2400	
Sand & Shale	2400	2524	
Warren/Speechley	2524	3460	
Sand & Shale	3460	3662	
Balltown	3662	3890	
Sand & Shale	3890	4580	
Riley	4580	4606	
Sand & Shale	4606	4673	
Third Riley	4673	4845	
Sand & Shale	4845	4902	
Benson	4902	5033	
Sand & Shale	5033	5044	
Alexander	5044	5248	
Shale	5248	5364	
T.D.	5364	5658	
	5658		

STATE OF WEST VIRGINIA
 DEC 18 1995 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

Permitting
 Office of Oil & Gas Operator: KEY OIL COMPANY 25655 (1) 671

2) Operator's Well Number: SHEETS #2 3) Elevation: 1120'

4) Well type: (a) Oil X / or Gas X /
 (b) If Gas: Production X / Underground Storage /
Deep / 439
Shallow X /

Issued 01/03/96
Expires 01/03/98

Proposed Target Formation(s): ALEXANDER

Proposed Total Depth: 5550 feet

Approximate fresh water strata depths: -0-

Approximate salt water depths: -0-

5) Approximate coal/seam depths: NONE

10) Does land contain coal seams tributary to active mine? Yes / No X /

11) Proposed Well Work: DRILL, STIMULATE, PRODUCE

12)

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT per ft. drilling	FOOTAGE INTERVALS	CEMENT
Conductor					
Fresh Water	11 3/4	ERW	42	132	70 SKS. TO SURFACE
Coal					
Intermediate	8 5/8	ERW	23	1840	495 SKS. TO SURFACE
Production	4 1/2	J-55	10.5	5450	360 SKS.
Tubing	1.5				
Liners					

PACKERS : Kind _____

Sizes _____

Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond LC Agent
 (Type)

21471

RECEIVED
WV Division of
Environmental Protection

DEC 18 1995

1) Date: 12-15-95
2) Operator's well number SHEETS #2
3) API Well No: 47 - 017 - 04240
State County Permit

Permitting
Office of Oil & Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name ERIE D. SHEETS
Address RT. 1 BOX 39A
GREENWOOD, WV 26360

(b) Name _____
Address _____

(c) Name _____
Address _____

5) (a) Coal Operator:
Name NONE
Address _____

(b) Coal Owner(s) with Declaration
Name _____
Address _____

Name _____
Address _____

(c) Coal Lessee with Declaration
Name _____
Address _____

6) Inspector MIKE UNDERWOOD
Address RT. 2 BOX 135
SALEM, WV 26426
Telephone (304) - 782-1043

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

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

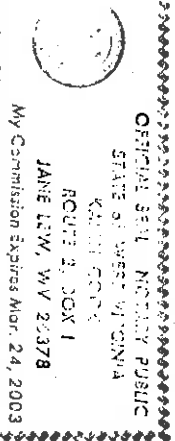
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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 KEY OIL COMPANY

BY: [Signature]

Its: PRESIDENT

Address 22 GARTON PLAZA
WESTON, WV 26452

Telephone 304-269-7102

Subscribed and sworn before me this 15TH day of DECEMBER, 19 95

My commission expires MARCH 24, 2003 [Signature] Notary Public