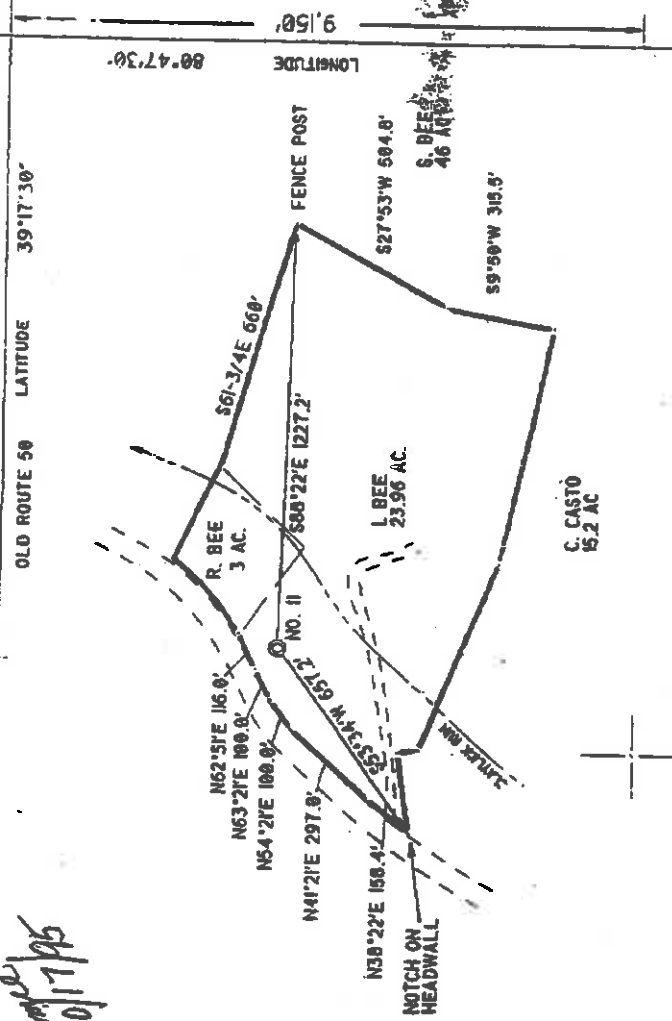
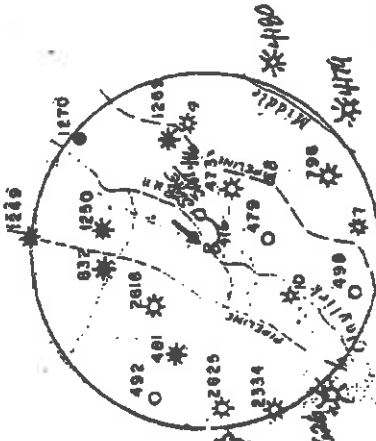


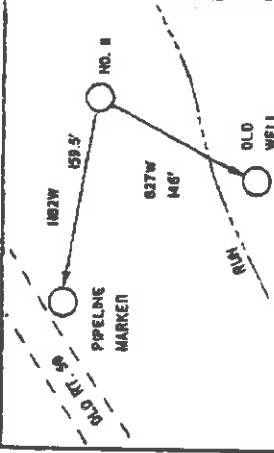
FORM WW 6



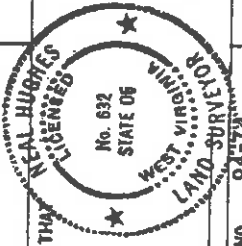
NORTH



REFERENCE POINTS



I THE UNDERSIGNED, DO HEREBY CERTIFY THAT THIS PLAN 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

1-DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE OCTOBER 5 19 95
 OPERATORS WELL NO. BEE II

API WELL NO. 47
 COUNTY PERMIT NO. 017-0422

MINIMUM DEGREE OF ACCURACY	1/200	FILE NO.	94-74
PROVEN SOURCE OF ELEVATION	NOB 1145'	SCALE	1"=400'
WELL TYPE: OIL <input checked="" type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>		"GAS" PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input type="checkbox"/>	
LOCATION	ELEVATION 855'	WATERSHED	CLAYLICK RUN
DISTRICT	CENTRAL	COUNTY	DODDRIDGE
SURFACE OWNER	INA BEE	QUADRANGLE	WEST UNION
ROYALTY OWNER	EDNA PEASE, ET AL	ACREAGE	2.3
PROPOSED WORK:		LEASE ACREAGE	27
DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/>		FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD <input type="checkbox"/>
FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>		PLUG AND ABANDON <input type="checkbox"/>	CLEAN OUT AND REPLUG <input type="checkbox"/>
PHYSICAL CHANGE IN WELL (SPECIFY)		TARGET FORMATION	ALEXANDER
		ESTIMATED DEPTH	5400'

WELL OPERATOR KEY OIL CO. DESIGNATED AGENT JAN CHAPMAN
 ADDRESS 22 GARTON PLAZA ADDRESS 22 GARTON PLAZA, West Union

8

6-6

(133)

NR-35 RECEIVED

Office of Oil & Gas

Environmental Protection

DEC 08 1995

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

API # 47- 17-04221

17-Oct-95

Permitting

Well Operator's Report of Well Work

Farm name: BES, INA

Operator Well No.: BES #11

LOCATION: Elevation: 855.00 Quadrangle: WEST UNION

District: CENTRAL County: DODDRIDGE
Latitude: 9150 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 10250 Feet West of 80 Deg. 47 Min. 30 Sec.

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

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 10/17/95
Well work Commenced: 10/23/95
Well work Completed: 10/30/95
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5292'
Fresh water depths (ft) 60'

Salt water depths (ft) 1096'
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 282'-292'

OPEN FLOW DATA

Warren/Speechley
Balltown Sands
Riley
Benson
Producing formation Alexander
Gas: Initial open flow 30 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1,417 MCF/d Final open flow Show Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure 1725 psig (surface pressure) after 96 Hours

Second producing formation
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

Casing & Tubing Size	Used In Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	40	40	
11 3/4"	227	227	120 sks. to surface
8 5/8"	1447	1447	380 sks. to surface
4 1/2"		5254	480 sks.
1.5"		5071	

3190-3370
3604-3796
4367-4414
4862-4810
Pay zone depth (ft) 5066-5136

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:  President

Date: December 4, 1995

West Union 8

12/18/95 batch

Well #11 (47-017-4221)
 Four Stage Foam Frac - Halliburton

1st Stage: Alexander (13 holes) (5091.50'-5133.25')
 60 Quality Foam, 750 gal. 15% HCl,
 60,000 lbs. 20-40 sand, 490,000
 SCF N₂, 808 bbls. foamed fluid.

2nd Stage: Benson (10 holes) (4804'-4806.25')
 75 Quality Foam, 750 gal. 15% HCl,
 30,000 lbs. 20-40 sand,
 423,000 SCF N₂,
 518 bbls. foamed fluid.

3rd Stage: Riley (10 holes) (4393.50'-4413')
 60 Quality Foam, 750 gal. 15% HCl,
 10,000 lbs. 80-100 sand, 30,000 lbs.
 20-40 sand, 508,000 SCF N₂,
 608 bbls. foamed fluid.

4th Stage: Balltown (4 holes) (3621.50'-3784')
 Speechley/Narren
 (9 holes)
 (3233.50'-3365.50')
 60 Quality Foam, 750 gal. 15% HCl,
 10,000 lbs. 80-100 sand, 50,000 lbs.
 20-40 sand, 629,000 SCF N₂,
 850 bbls. foamed fluid.

Well Log

Formation	Top Feet	Bottom Feet	Remarks
Fill	0	10	
Gravel, Sand & Shale	10	60	1 1/2" stream water at 60'
Red Rock & Shale	60	160	Hoie damp at 1096'
Sand & Shale	160	237	
Sand, Shale & Red Rock	237	265	
Sand	265	282	
Coal	282	292	
Sand & Shale	292	420	Gas Clicts: 1750 N/S
Sand	420	460	1900 N/S
Sand & Shale	460	540	2060 N/S
Shale & Red Rock	540	600	2515 N/S
Sand & Shale	600	1375	3021 N/S
Salt Sand	1375	1463	3516 N/S
Shale	1463	1792	4013 N/S
Little Lime	1792	1820	4503 2/10 thru 1" w/water
Pencil Cave	1820	1836	5005 4/10 thru 1" w/water
Big Lime	1836	1916	5292 T.D. 8/10 thru 1" w/water
Big Injun	1916	1966	
Shale	1966	2126	
Weir	2126	2242	
Sand & Shale	2242	3190	
Warren/Speechley	3190	3370	
Sand & Shale	3370	3604	
Balltown	3604	3796	
Sand & Shale	3796	4367	
Riley	4367	4414	
Sand & Shale	4414	4802	
Benson	4802	4810	
Sand & Shale	4810	5066	
Alexander	5066	5136	
Shale	5136	5292	
T. D.			

OCT 16 1995
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

WELL WORK PERMIT APPLICATION

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

Operator's Well Number: BEE #11 3) Elevation: 855'

21254

Well type: (a) OIL X/ or Gas X/

(b) If Gas: Production X/ Underground Storage Shallow X/
Deep

Proposed Target Formation(s): 439
ALEXANDER

Proposed Total Depth: 5300 feet

7) Approximate fresh water strata depths: 60'

8) Approximate salt water depths: 1100'

9) Approximate coal seam depths: _____

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

11) Proposed Well Work: DRILL, STIMULATE, PRODUCE
New Well.

12) _____

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft)
Conductor	16	USED		30	30	388516/13
Fresh Water	11 3/4	ERW	42	220	220	110 SKS TO SURFACE
Coal						388516/1.20
Intermediate	8 5/8	ERW	23	1400	1400	380 SKS TO SURFACE
Production	4 1/2	J-55	10.50	5200	5200	450 SKS.
Tubing	1.5"					388516/1.1
Liners						

PACKERS : Kind _____

Sizes _____

Depths sec _____

For Division of Oil and Gas Use Only

Fee(s) paid: _____

Well Work Permit _____

Reclamation Fund _____

WF _____

DATE _____

BY _____

BY _____

BY _____

31

RECEIVED
WV Division of
Environmental Protection

OCT 16 1995

Permitting
Office of Oil & Gas STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

1) Date: 10-11-95
2) Operator's well number BEE #11
3) API Well No: 47 - 017 - 4221
State - County - Permit

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:

(a) Name INA BEE
Address RT. 1 BOX 240A
WEST UNION, WV 26456

(b) Name _____
Address _____

(c) Name _____
Address _____

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

5) (a) Coal Operator:
Name NONE
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

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: 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 KEY OIL COMPANY
By: _____
Its PRESIDENT
Address 22 GARTON PLAZA
WESTON, WV 26452
Telephone 304-269-7102

Subscribed and sworn before me this 11TH day of OCTOBER, 1995

My commission expires MARCH 24, 2003

Karen Cook



OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
Karen Cook
Notary Public

NOT. 22 BOX 1
JANE LEW, WV 26074
My Commission Expires Mar. 24, 2003