

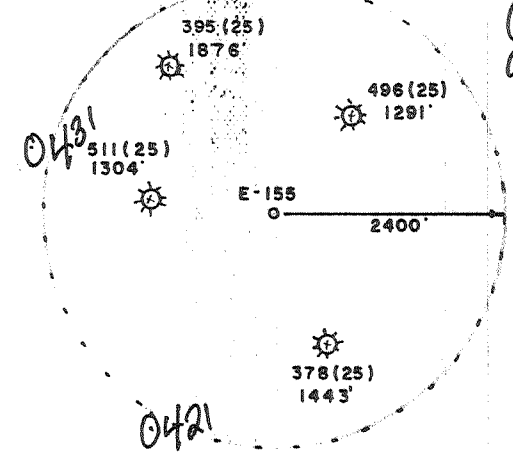
9000'

LATITUDE 39° 10' 00"

Jamil
2/26/91

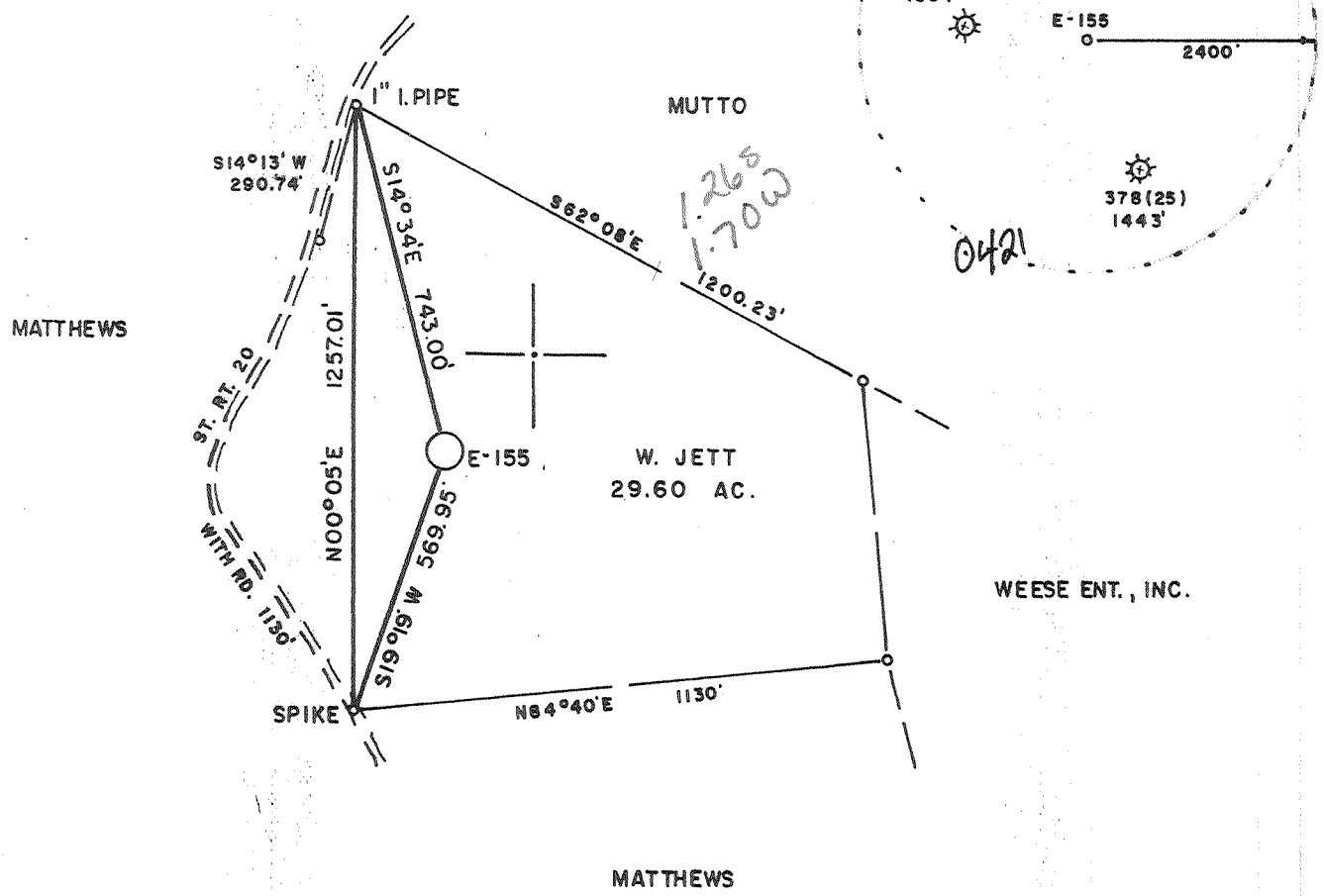
0447 *01000*

0997



LONGITUDE 80° 12' 30" 6650'

NORTH



WELL REF.: N40°45'W, 142' TO 3" HICKORY
S65°30'E, 119' TO 3" ELM

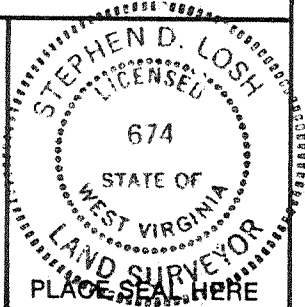
LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

1.265
3.930
Phillipi

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION RD. INTER. 3300' N.W. OF LOCATION ELEV. 1026'

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 ENERGY.
 (SIGNED) _____
 R.P.E. _____ L.L.S. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JANUARY 22, 1991
 OPERATOR'S WELL NO. E-155
 API WELL NO. JETT NO. 1
 47 - 033 - 3806
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1127' WATER SHED GNATTY CREEK
 DISTRICT ELK 5 COUNTY HARRISON
 QUADRANGLE BROWNTON 7.5 min.
 SURFACE OWNER WILLIAM H. JETT ACREAGE 28.60
 OIL & GAS ROYALTY OWNER WILLIAM H. JETT LEASE ACREAGE 29
 LEASE NO. 089
 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 BENSON ESTIMATED DEPTH 4600'
 WELL OPERATOR EXCEL ENERGY, INC. DESIGNATED AGENT HARRY BARNETT
 ADDRESS P.O. BOX 1020 1028 ADDRESS P.O. BOX 1020
 BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

6-6 Elk Creek (Over field) (155)

COUNTY NAME PERMIT

MAR 08 1991

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

Reviewed TMG

Recorded _____

Well Operator's Report of Well Work

Farm name: JETT, WILLIAM H. Operator Well No.: JETT #1-E-155

LOCATION: Elevation: 1127.00 Quadrangle: BROWNTON

District: ELK County: HARRISON
Latitude: 6650 Feet South of 39 Deg. 10Min. 0 Sec.
Longitude 9000 Feet West of 80 Deg. 12 Min. 30 Sec.

REC
Division
OCT 0 7
Permitting
Oil and Gas Sec.

Company: EXCEL ENERGY, INC
P. O. BOX 1020
BRIDGEPORT, WV 26330-1020

Agent: HARRY L. BARNETT

Inspector: STEVE CASEY
Permit Issued: 03/04/91
Well work Commenced: 9/14/91
Well work Completed: 9/20/91
Verbal Plugging _____
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 4496
Fresh water depths (ft) _____
80, 262, 560
Salt water depths (ft) _____
n/a

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	30	-	-
8 5/8	1245	1245	300 sks
4 1/2	4496	4496	520 sks

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 364-367, 1025-1031

OPEN FLOW DATA

Producing formation Benson, Riley, Bradford Pay zone depth (ft) 3520-4357
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 692 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests - Hours
Static rock Pressure 800 psig (surface pressure) after 24 Hours

Second producing formation Balltown, 5th, Warren Pay zone depth (ft) 2413-3436
Gas: Initial open flow commingled MCF/d Oil: Initial open flow - Bbl/d
Final open flow commingled MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests - Hours
Static rock Pressure commingled 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: EXCEL ENERGY, INC
By: H. L. Barnett
Date: October 3, 1991

OCT 15 1991

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

Stage I (4106-4357) 22 holes, 500 gal. 15%HCL, 450 sks. sand, 600bbl. gelled H₂O
 Stage II (3520-4024) 16 holes, 500 gal. 15%HCL, 400 sks. sand, 600bbl. gelled H₂O
 Stage III (2850-3436) 15 holes, 750 gal. 15%HCL, 300 sks. sand, 500bbl. gelled H₂O
 Stage IV (2400-2408) 16 holes, 500 gal. 15%HCL, 300 sks. sand, 450bbl. gelled H₂O

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SAND			0	50	
SAND & SHALE			50	207	
SAND & SHALE	(red)		207	364	1/4" H ₂ O @ 80'
COAL			364	367	1/2" H ₂ O @ 262'
SAND & SHALE			367	851	1" H ₂ O @ 560'
SAND			851	1025	
COAL & SHALE			1025	1031	
SAND & SHALE			1031	1452	
BIG LIME			1452	1520	
BIG INJUN			1520	1622	
SHALE			1622	1706	
GANTZ			1706	1790	
SAND & SHALE			1790	2124	
RED ROCK			2124	2141	
SAND & SHALE			2141	4310	
BENSON			4310	4321	Gas show
SHALE			4321	4496	DTD

11875

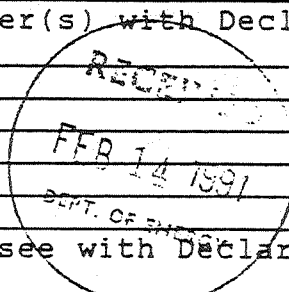
1) Date: February 11, 1991
2) Operator's well number
Jett E-155
3) API Well No: 47 - 033 - 3806
State - County - Permit

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 William H. Jett
Address Rt. 2, Box 182
Lost Creek, WV 26385
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Stephen Casey
Address Rt. 2, Box 232-D
Jane Lew, WV 26378
Telephone (304)-745-4888

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



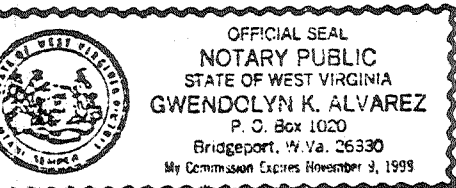
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ 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:
_____ Personal Service (Affidavit attached)
X 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 Excel Energy, Inc.
By: H.L. Barnett
Its: President
Address P.O. Box 1020
Bridgeport, WV 26330
Telephone (304) 842-6927

Subscribed and sworn before me this _____ day of _____, 19__

Gwendolyn K. Alvarez Notary Public
My commission expires November 9, 1998