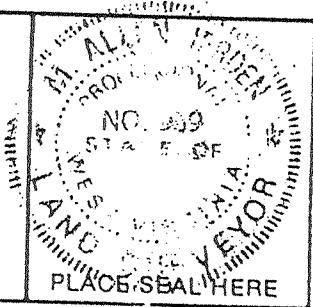


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM 890'

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) M. Allen Jordan  
 R.P.E. \_\_\_\_\_ I.L.S. 959



**STATE OF WEST VIRGINIA**  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

DATE SEPT 25, 2000  
 OPERATOR'S WELL NO. J-128  
 API WELL NO. 47-017-02587W  
 STATE 47 COUNTY 017 PERMIT 02587W

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 996' WATERSHED DOTSON RUN  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER BECKY LONG ACREAGE 30.5'  
 OIL & GAS ROYALTY OWNER JANICE ELLIFRITT LEASE ACREAGE 31.5  
 LEASE NO. K-926

PROPOSED WORK: DRILL  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 4847'  
 WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN PALETTI  
 ADDRESS 501 56th ST, CHARLESTON, WV 25304 ADDRESS BOX 820 GLENVILLE, WV 26351

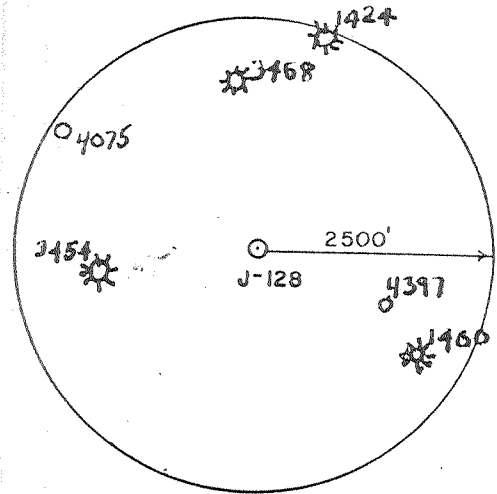
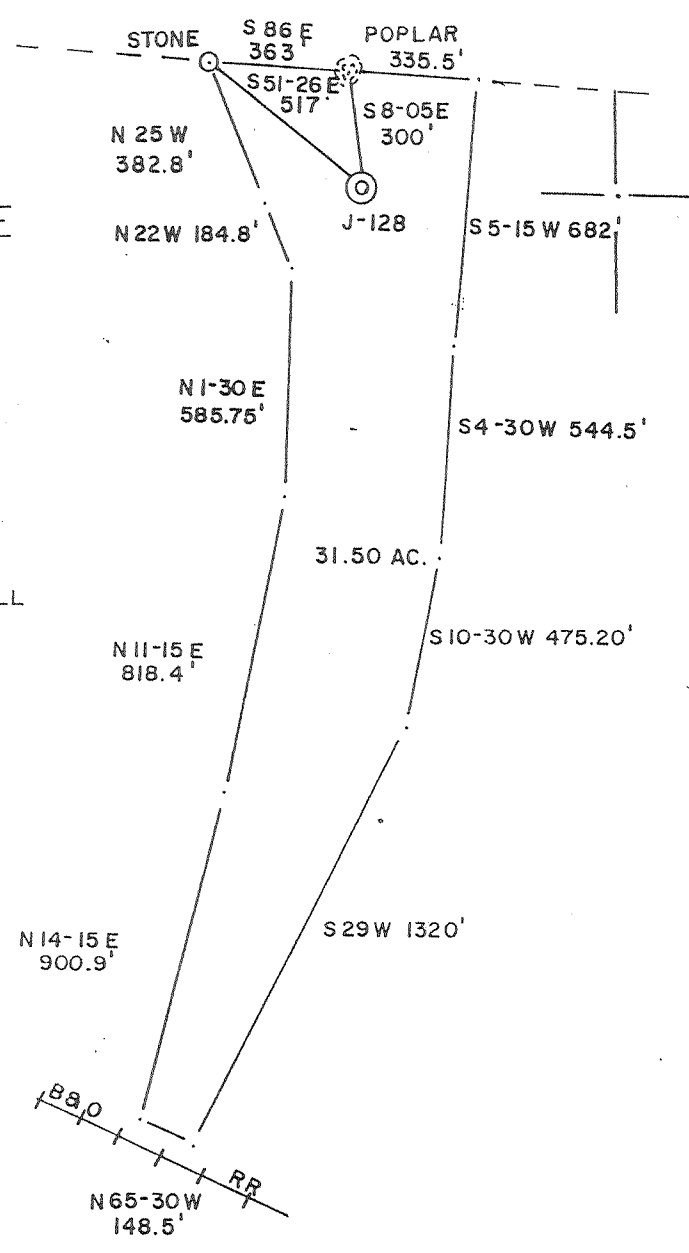
**CANCELLED**

COUNTY NAME DODDRIDGE  
 PERMIT 2587 CANCELLED

FEB 28 2003

LATITUDE 39-17-30

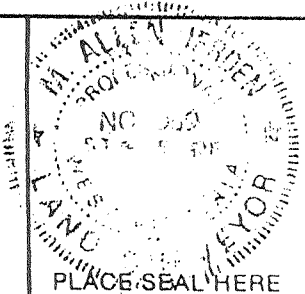
JONES LEASE  
WELL NO. J-128



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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION BM 890'

I THE UNDERSIGNED, 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.  
(SIGNED) M. Allen Jordan  
R.P.E. \_\_\_\_\_ I.L.S. 959



STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



DATE SEPT 25, 2000  
OPERATOR'S WELL NO. J-128  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 996' WATERSHED DOTSON RUN  
DISTRICT CENTRAL COUNTY DODDRIDGE  
QUADRANGLE PENNSBORO 7.5'

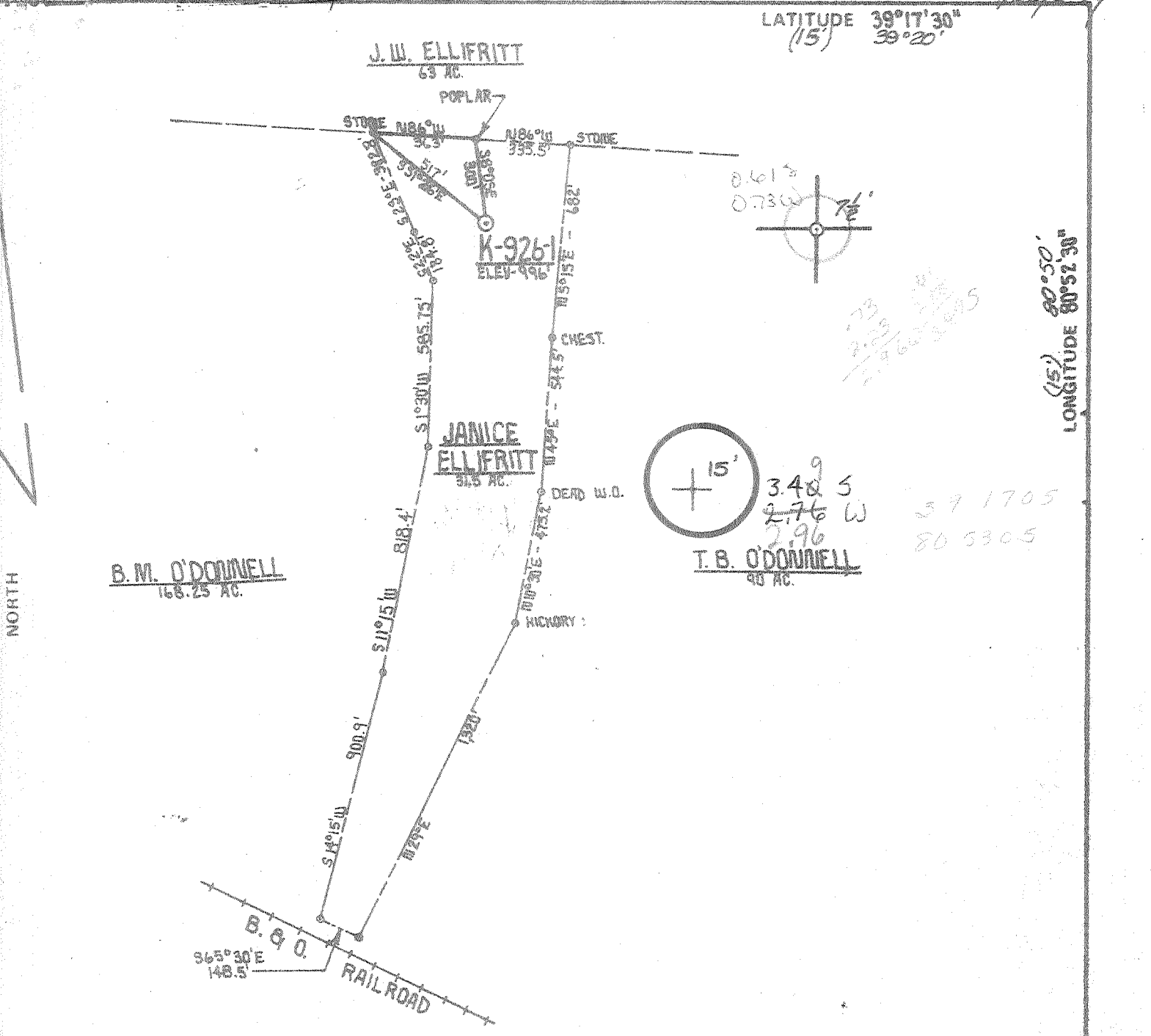
SURFACE OWNER BECKY LONG ACREAGE 30.5'  
OIL & GAS ROYALTY OWNER JANICE ELLIFRITT LEASE ACREAGE 31.5  
LEASE NO. K-926

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  REFACTURE 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 4847'  
WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN PALETTI  
ADDRESS 501 56th ST, CHARLESTON, WV 25304 ADDRESS BOX 820 GLENVILLE, WV 26351

OCT 06 2000

COUNTY NAME DODD  
PERMIT 2587W



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION B.M. U.S.G.S. (11-81)  
 ELEV. - 890'

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) David L. Warner  
 R.P.E. \_\_\_\_\_ L.L.S. 530



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JANUARY 18, 1980  
 OPERATOR'S WELL NO. K-926-1  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2587  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS.") PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X  
 LOCATION: ELEVATION 496' WATER SHED DOTSON RUN TO NORTH FORK HUGHES RIVER  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 QUADRANGLE PENNINGTON 7.5' WEST UNION 15' SC  
 SURFACE OWNER CHARLES LONG ACREAGE 30.5  
 OIL & GAS ROYALTY OWNER JANICE ELLIFRITT LEASE ACREAGE 31.5  
 LEASE NO. K-926  
 PROPOSED WORK: DRILL X CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5,150'  
 WELL OPERATOR J. J. ENTERPRISES, INC. DESIGNATED AGENT HARRY BARNETT  
 ADDRESS P.O. BOX 48 BUCKHANNON, W. VA. 26201 ADDRESS P.O. BOX 48 BUCKHANNON, W. VA. 26201

APR - 1 1980

Date: 3-28, 19 80  
Operator's Well No. J-128  
API Well No. 017 2587  
State County Permit

OIL & GAS DIVISION  
DEPT. OF MINES

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

WELL OPERATOR'S REPORT 5  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow   
LOCATION: Elevation: 996 Watershed: Dotson Run to North Fork Hughes River  
District: Central County: Doddridge Quadrangle: Pennsboro 7.5

WELL OPERATOR J & J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett  
Address P.O. Box 48 Address P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_

PERMIT ISSUED ON January 28, 19 80

(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED \_\_\_\_\_, 19 \_\_\_\_\_)

OIL & GAS INSPECTOR FOR THIS WORK:

Name Paul Garrett  
Address 321 Beech St.  
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5117 feet  
Depth of completed well, 5358 feet Rotary  / Cable Tools   
Water strata depth: Fresh, 50,105A feet; salt, 1405 feet.  
Coal seam depths: None Is coal being mined in the area? NO  
Work was commenced 2-21, 19 80, and completed 2-27, 19 80

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	13/4	H-40	42	X		35	0	0 sks	Kinds None
Fresh water	5/8	ERW	23	X		1501	1501	340 sks	
Coal	5/8	ERW	23	X		1501	1501	340 sks	Sizes
Intermediate									
Production Tubing	1/2	J-55	10.5	X		5260	5260	700 sks	Depths set
Liners									Perforations:
									Top Bottom

OPEN FLOW DATA

Producing formation Alexander Pay zone depth 5138-44 feet  
Gas: Initial open flow, \_\_\_\_\_ Mscf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Combingd Final open flow, 539,000 Mscf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, 4 hours  
Static rock pressure, 475 psig (surface measurement) after 39 hours shut in  
(If applicable due to multiple completions:)

Second producing formation Weir & Big Injun Pay zone depth 1980-2235 feet  
Gas: Initial open flow, \_\_\_\_\_ Mscf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, \_\_\_\_\_ Mscf/d 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

LIST OF PERFORATED INTERVALS, FRACTURING OF STRATIGRAPHY, PHYSICAL CHANGE, ETC.

Alexander-Perforations: 5138-44 ( 4 holes)

Fracturing: 860 Bbls fluid:30,000 80/100 Sand: 60,000 20/40 sand.

Weir-Perforations:2208'35' (11 holes)

Big Injun: 1980-85(10 holes)

Fracturing:767 Bbls. fluid: 10,000 80/100 sand: 60,000 lbs. 20/40  
500 gal. Acid:36 L-53

11 103

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all fresh and salt water, coal, oil and gas	
Fill			0	50	Hole Damp @ 50'	
Sand			50	110		
Sandy Shale			110	200		
Red Rock & Shale			200	210		
Sandy Shale			210	305		
Sand			305	320		
Red Rock			320	330		
Sandy Shale			330	624		
Sand			624	635		
Red Rock			635	650		
Sandy Shale			650	675		
Red Rock			675	679		
Sandy Shale			679	799		
Sand			799	820		
Sandy Shale			820	855		
Red Rock			855	860		
Sandy Shale			860	865		
Sand			865	915		
Sandy Shale			915	1069		Water @ 1054
Sand			1069	1140		
Sandy Shale			1140	1145		
Sand			1145	1162		
Sandy Shale			1162	1252		
Sand			1252	1257		
Sandy Shale			1257	1300		
Sand			1300	1445		
Sandy Shale			1445	1743		
Sand			1743	1757		
Sandy Shale			1757	1770		
Sand			1770	1800		
Shale			1800	1815		
Sand			1815	1850		
Big Lime			1850	1930		

Attach separate sheets as complete as necessary.

J & J Enterprises, Inc.

*Peter Battles*

Peter Battles  
Geologist

THIS REPORT IS THE PROPERTY OF J & J ENTERPRISES, INC. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF J & J ENTERPRISES, INC.

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, etc. etc.
Big Injun Shale			1930 2004	2004 2200	
Weir Sand & Shale			2200	2322	Gas @ 2035 8/10 thru 2" w/ water
Balltown Sand & Shale			2322	3662	
Riley Shale			3662	3884	
Henson Sand & Shale			3844	4645	
Alexander Shale			4645	4703	Gas @ 4656 100/10 thru 1" w/ water
Balltown Sand & Shale			4703	4842	
Riley Sand & Shale			4842	4847	
Henson Sand & Shale			4847	5090	Gas @ 49 98/10 thru 1" w/ water
Alexander Shale			5090	5168	
Balltown Sand & Shale			5168	5358	T.D. 5358'

5358  
 2322  
 -----  
 3036 EXPL. FT.

5358  
 2004  
 2004



[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack Drilling Company  
Address P. O. Box 48  
Buckhannon, W. Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary X / Cable tools      /  
Approximate water strata depths: Fresh, 50 feet; salt, 1000 feet.  
Approximate coal seam depths: None Is coal being mined in the area? Yes      / No X /

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		Kinds	None
Conductor	11 3/4	H-40	42	X		30	0	0 sks.	Kinds	None
Fresh water	8 5/8	ERW	23	X		1500	1500	280 sks.		
Coal	8 5/8	ERW	23	X		1500	1500	280 sks.	Sizes	
Intermediate										
Production	4 1/2	J-55	10.5	X		5400	5400	300 sks.	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well ~~THIS PERMIT MUST BE POSTED AT THE WELL SITE~~ part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 operations have not commenced by 9-29-80.

*[Signature]*

Deputy Director - Oil & Gas Division

The undersigned coal operator and by any coal owner or coal lessee who has received a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date:     , 19    

By       
Its