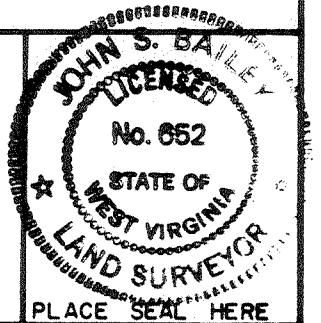


PREPARED BY MSES CONSULTANTS

FILE NO. MSES 84-318
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1" IN 200
 PROVEN SOURCE OF ELEVATION COR. CEM. LOT 2150'SE OF LOC. EL. 1142

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) John S. Bailey
 R.P.E. _____ L.L.S. 652



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

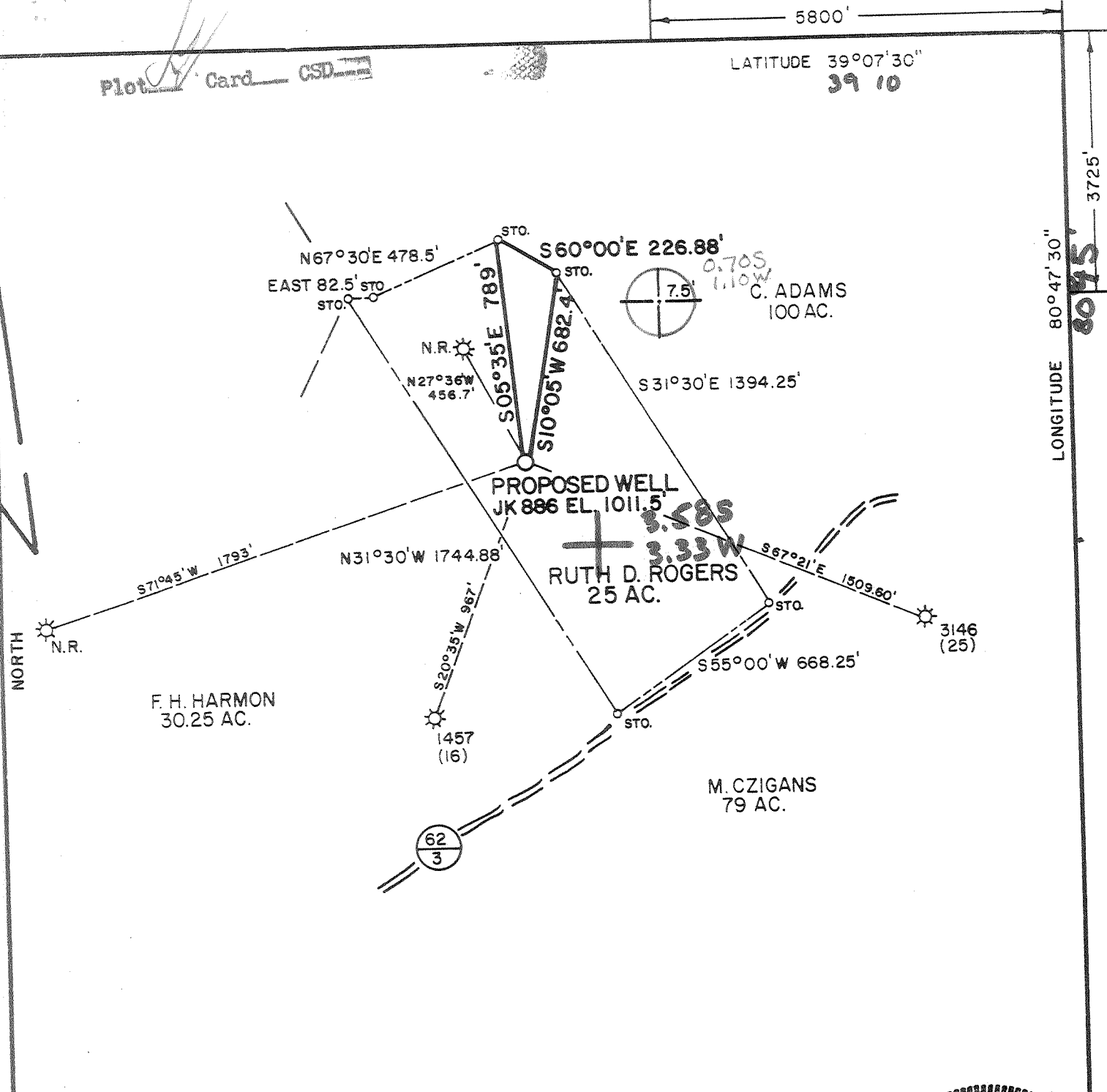


Department of Mines
 Oil & Gas Division

DATE MARCH 2, 19 84
 OPERATOR'S WELL NO. JK-886
 API WELL NO. 47-017-3303-P
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1011.50' WATER SHED ___ STRAIGHT FORK ___
 DISTRICT SOUTHWEST COUNTY DODDRIDGE
 QUADRANGLE AUBURN 7.5'
 SURFACE OWNER FLOYD H. HARMON ACREAGE 25 AC.
 OIL & GAS ROYALTY OWNER RUTH D. ROGERS LEASE ACREAGE 25
 LEASE NO. JK-81
 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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5050' NOV 13 1984
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFF
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48
BUCKHANNON, W.V. 26201 BUCKHANNON, W.V. 26201

DODD - 3303

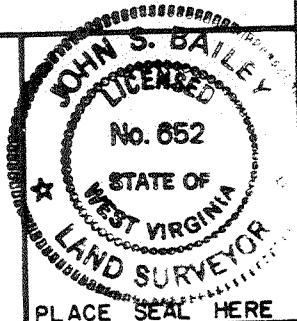


PREPARED BY MSES CONSULTANTS

FILE NO. MSES 84-318
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 200
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(SIGNED) John S. Bailey
R. P. E. _____ L. L. S. 652



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

FORM IV-6 (8-78)



Department of Mines
Oil & Gas Division

DATE MARCH 2, 19 84
OPERATOR'S WELL NO. JK-886
API WELL NO. _____
47 - 017 - 3303
STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X)
LOCATION: ELEVATION 1011.50' WATER SHED _____ STRAIGHT FORK _____
DISTRICT SOUTHWEST COUNTY DODDRIDGE
QUADRANGLE AUBURN 7.5' Holbrook 15' EC 6
SURFACE OWNER FLOYD H. HARMON ACREAGE 25 AC.
OIL & GAS ROYALTY OWNER RUTH D. ROGERS LEASE ACREAGE 25
LEASE NO. JK-81
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 5050'
WELL OPERATOR J&J ENTERPRISES, INC DESIGNATED AGENT RICHARD REDDECLIFF
ADDRESS P.O. BOX 48 BUCKHANNON, W.V. 26201 ADDRESS P.O. BOX 48 BUCKHANNON, W.V. 26201

APR 9 1984

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SEP 11 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date September 10, 1984
Operator's Well No. JK-886
Farm Ruth Rogers
API No. 47 - 017 - 3303

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

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production x / Underground Storage ___ / Deep ___ / Shallow x /)

LOCATION: Elevation: 1011.50 Watershed Straight Fork
District: Southwest County Doddridge Quadrangle Auburn 7.5

COMPANY J&J Enterprises, Inc.
ADDRESS P.O. Box 48, Buckhannon, WV 26201
DESIGNATED AGENT Richard Reddecliff
ADDRESS P.O. Box 48, Buckhannon, WV 26201
SURFACE OWNER Floyd H. Harmon
ADDRESS 581 Scenic Dr. Sarver, Pa. 16055
MINERAL RIGHTS OWNER Ruth D. Rogers
ADDRESS Salem, WV 26426
OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood
ADDRESS Rt. 2 Box 114, Salem, WV 26426
PERMIT ISSUED 4/5/84
DRILLING COMMENCED 5/3/84
DRILLING COMPLETED 5/9/84
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	33	0	0 sks.
9 5/8			
8 5/8	1217.70	1217.70	300 sks.
7			
5 1/2			
4 1/2	No 4 1/2" run - Well is to be plugged		
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth feet
Depth of completed well 5723 feet Rotary x / Cable Tools
Water strata depth: Fresh 210 feet; Salt 0 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation None Pay zone depth feet
Gas: Initial open flow 25 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 25 Mcf/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
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: 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

(Continue on reverse side)

OCT 29 1984

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

No production casing ran
Evaluating well

WELL LOG

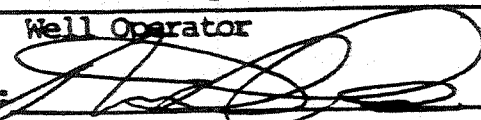
FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Red Clay			0	5	1" stream @ 210
Sand & shale			5	30	
Grey sand & shale			30	330	
Sand, shale & red rock			330	560	Gas ck @ 1760 No show
Red rock & shale			560	765	Gas ck @ 1945
Sand & shale			765	950	
Sand & shale			950	1700	
Lime & shale			1700	1804	Gas ck @ 2312 No show
Big Lime			1804	1860	
Big Injun			1860	1946	Gas ck @ 2770 No show
Sandy shale			1946	2062	
Weir			2062	2186	Gas ck @ 3297 No show
Sandy shale			2186	3094	
Warren			3094	3150	Gas ck @ 3788 No show
Sandy shale			3150	3640	
Balltown			3640	3660	Gas ck @ 4185 6/10-1" w/water 25.83 cu.ft.
Sandy shale			3660	4280	
Bradford			4280	4325	
Sandy shale			4325	4522	
Riley			4522	4630	
Sandy shale			4630	4690	
Benson			4690	4730	
Sandy shale			4730	4946	
Alexander			4946	5038	
Sandy shale			5038	5723 T.D.	

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By:



Robert Dahlin-Geologist

Date:

9/10/84

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



1) Date: March 2, 19 84
 2) Operator's Well No. JK-886
 3) API Well No. 47 - 017 - 3303
 State County Permit

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1011.50 Watershed: Straight Fork
 District: Southwest County: Doddridge Quadrangle: Auburn 7 1/2'
- 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff
 Address P. O. Box 48 Address P. O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Steven Casey Name S.W. Jack Drilling Co.
 Address Route 2, Box 232-D Address P.O. Box 48
Jane Lew, WV 26378 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5050 feet
- 13) Approximate trata depths: Fresh, 90 feet; salt, 0 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X /

15) 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	1 1/4	H-40	42	X		30	0	0 sks.	Kinds <u>NEAT</u>
Fresh water	85/8	ERW	23	X		1300 <u>1111</u>	1300 <u>1111</u>	To surface	
Coal	85/8	ERW	23	X		1300	1300	To surface	
Intermediate									Depths so <u>or as req. by rule 1501</u>
Production	4 1/2	J-55	10.5	X		5000	5000	250 sks.	
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3303 Date April 5, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>✓</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>3161</u>
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T. L. ...
 Administrator, Office of Oil and Gas

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

No Declaration of Record
Coal Operator or Owner

Address

Coal Operator or Owner

Address

F.H. & M. H. Harmon
Lease or Property Owner
581 Scenic Drive, Sarver, PA 16055

Address

J & J ENTERPRISES, INC.
Name of Well Operator
P.O. Box 48, Buckhannon, WV 26201
Complete Address

October 18 19 84

WELL AND LOCATION
Southwest District

Doddridge County

WELL NO. JK-886

Ruth Rogers Farm

STATE INSPECTOR SUPERVISING PLUGGING Mike Underwood

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur

ss:

John Daugherty and Daniel Stark
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by J & J ENTERPRISES, INC., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17th day of October, 19 84, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
	Gel 5725-5070	8 5/8		1217
Alexander 4946-5038	Cement 5070-4820			
	Gel 4820-3275			
Warren 3094-3150	Cement 3275-3075			
	Gel 3072-2000			
Big Injun 1925-1946	Cement 2000-1900			
	Gel 1900-1660			
	Cement 1660-1560			
	Gel 1560-1325			
	Cement 1325-1225			
	Gel 1225-50			
	Cement 50-0			
Coal Seams				
(Name) None				
(Name)				
(Name)				
(Name)				

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MAY 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

[Signature] 5-13-85

Description of Monument

and that the work of plugging and filling said well was completed on the 17th day of October, 19 84.

And further deponents saith not.

[Signature]
[Signature]

Sworn to and subscribed before me this 18th day of October, 19 84.

[Signature]
Notary Public

My commission expires:
9/30/94