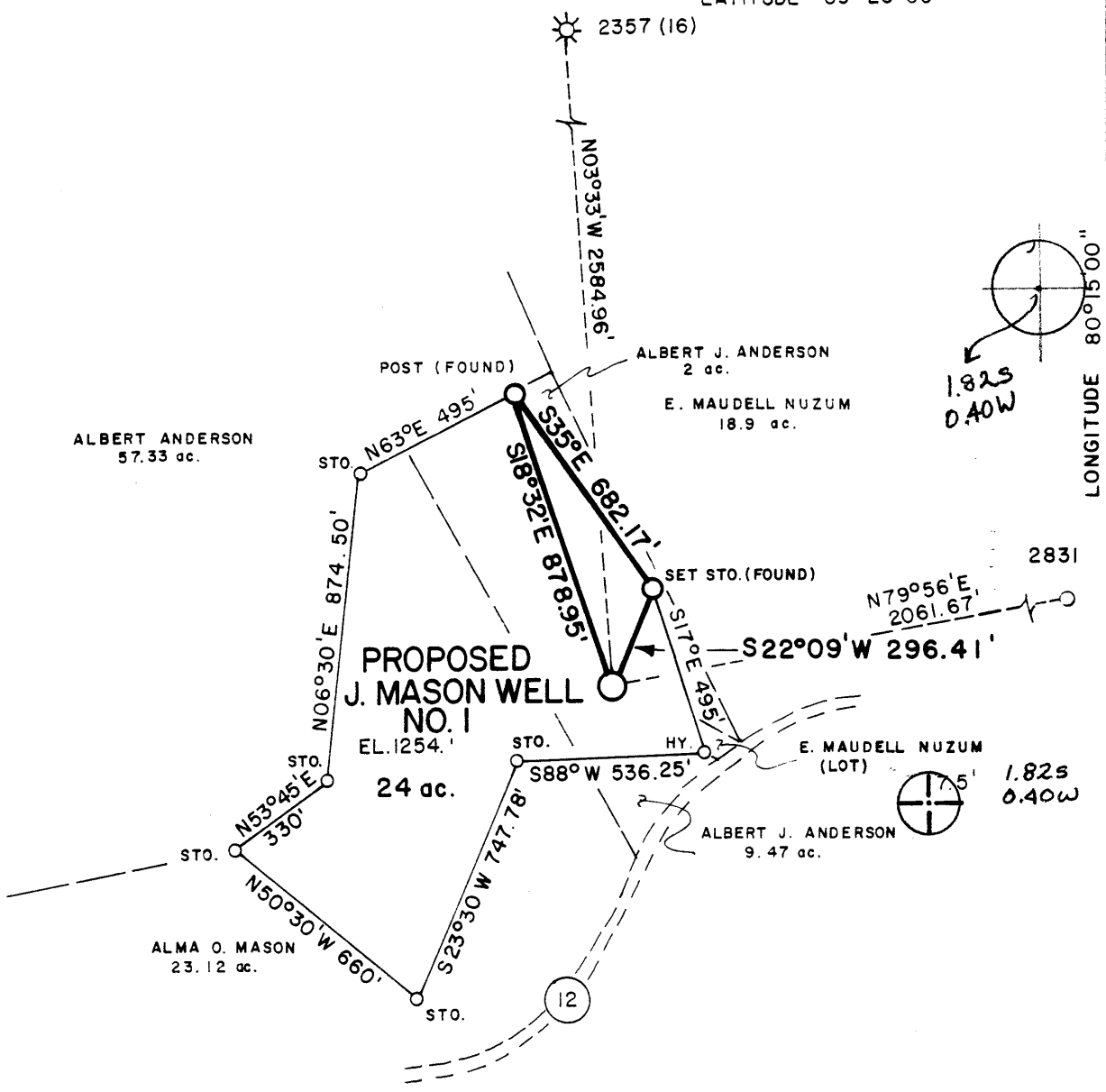


NORTH



FILE NO. MSES - 206
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION 1059' JCT. OF RT. 12 & RT. 12/2 AT ADAMSVILLE

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) Stephen D. Losh (STEPHEN D. LOSH)
 R. P. E. _____ L. L. S. 674

PLACE SEAL HERE

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



Department of Mines
 Oil & Gas Division

DATE MAY 31, 19 83
 OPERATOR'S WELL NO. J. MASON WELL
 API WELL NO. NO. 1
47 - 033 - 2923
 STATE COUNTY PERMIT

AUG 08 1983

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1254' WATER SHED MUDLICK RUN
 DISTRICT CLAY COUNTY HARRISON
 QUADRANGLE SHINNSTON, W. VA. 75' Clarksburg 15' EC
 SURFACE OWNER ALBERT J. ANDERSON ACREAGE 9.47 ac.
 OIL & GAS ROYALTY OWNER JOHN W. & LORRAINE S. MASON LEASE ACREAGE 24 ac.
 LEASE NO. _____
 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 ELK ESTIMATED DEPTH 5990'
 WELL OPERATOR TEN-A COAL COMPANY DESIGNATED AGENT PAT CUNNINGHAM
 ADDRESS RT. 4, BOX 253 ADDRESS RT. 4, BOX 253
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

RECEIVED

FEB 20 1985

IV-35
Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

033-02923

Date 2-14-85
Operator's
Well No. Mason #1
Farm Albert J. Anderson
API No. 47 - 033 - 2923

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: 1254 Watershed Mudlick Run
District: Clay County Harrison Quadrangle Shinnston 7.5'

COMPANY Ten-A-Coal Company
ADDRESS Rt. 4, Box 253, Clarksburg, WV 26303
DESIGNATED AGENT Patrick Cunningham
ADDRESS Rt. 4, Box 253, Clarksburg, WV
SURFACE OWNER Albert Anderson
ADDRESS 1221 Stewart St., Shinnston, WV 26431
MINERAL RIGHTS OWNER John & Lorraine Mason & ETAL
ADDRESS 7 Club Crest Rd., Fairmont, WV 26554
OIL AND GAS INSPECTOR FOR THIS WORK Steven Casey
ADDRESS Rt. 2, Box 232-D, Jane Lew, WV 26378
PERMIT ISSUED 6-83
DRILLING COMMENCED 10-24-83
DRILLING COMPLETED 11-18-83
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"	20'	20'	-0-
9 5/8			
8 5/8	1000'		circulate
7			
5 1/2			
4 1/2	5900'	5900'	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5990' feet
Depth of completed well 5900' feet Rotary x / Cable Tools ___
Water strata depth: Fresh 130' feet; Salt none feet
Coal seam depths: 20' Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Balltown Pay zone depth 3621 feet
Gas: Initial open flow 170 Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 750 Mcf/d Oil: Final open flow ___ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 750 psig (surface measurement) after 72 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)

MAR 04 1985

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

Big Injun - 1808
 Fifty Foot - 2211
 Gordon - 2376
 Fifth Sand - 2736
 Speechley - 3130
 Balltown - 3342

log
tops?
or perms?

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	White	hard	8	104	Fresh Water	
Shale	Gray	med	104	130		
Sand	Gray	hard	130	215		
Coal			215	225		
Sand & Shale			225	310		
Coal			310	320		
Sand & Shale			320	510		
Red Rock			510	540		
Shale			540	600		
Sand			600	650		
Shale			650	710		
Sand			710	730		
Red Rock			730	745		
Shale			745	830		
Sand			830	860		
Shale & Sand			860	940		
Coal			940	944		
Shale			944	1039		
Sandy Shale		Soft	1039	1150		Hole wet
Shale	Gray	Soft	1150	1330		
Red Rock	Red	Soft	1330	1380		
Shale	Gray		1380	1414		
Red Rock	Red	Soft	1414	1428		
Shale	Gray	Soft	1428	1560		
Sdy. Shale	Gray	Soft	1560	1637		
Lime	Br.	Hard	1637	1688		
Sand & Shale			1688	1910		
Shale	Gray	Med.	1910	2038		
Sdy. Shale	Gray	Med.	2038	2103		
Shale	Gray	Med.	2103	2151		
Red Rock	Red	Soft	2151	2168		
Shale	Gray	Med.	2168	2290		
Sdy. Shale	Gray	Med.	2290	2346		
Shale	Gray	Med.	2346	2351		
Sdy. Shale	Gray	Med.	2351	2390		
Sand	Lt. Gray	Hard	2390	2420		
Shale & Sand	DK. White & Gray	Med.	2420	2469		
Red Rock	Red	Soft	2469	2499		

(Attach separate sheets as necessary)

Tex-R-Coal Co.
 Well Operator
 By: Patrick W. Cunningham
 Date: 2-18-85

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 ..., encountered in the drilling of a well."

033 - 2923

Sand & Shale Gray&White Med.	2499	2569
Shale Gray Soft	2569	2758
Sdy. Shale Gray Soft	2758	2936
Red Rock Red Soft	2936	3041
Shale Gray Med.	3041	3250
Sand Gray Med.	3250	3340
Sdy. Shale Gray Soft	3340	3410
Shale Gray Soft	3410	3510
Sand Gray Med.	3510	3561
Shale Gray Soft	3561	3621 T.D.
		Balltown
		@ TP.

expl. ftg. \rightarrow $\frac{3621 \text{ TD.} - 3130 \text{ specks}}{491 \text{ ft.}}$