

87B 4/28/87 ✓

4,075'

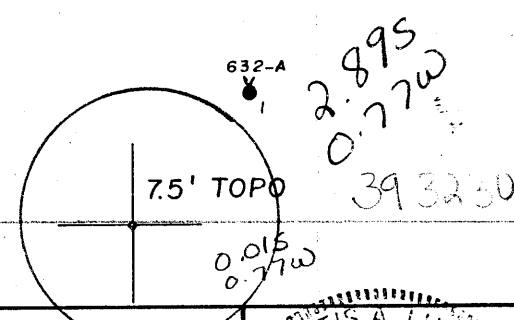
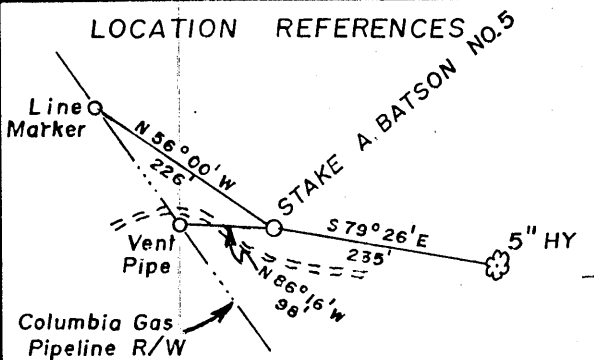
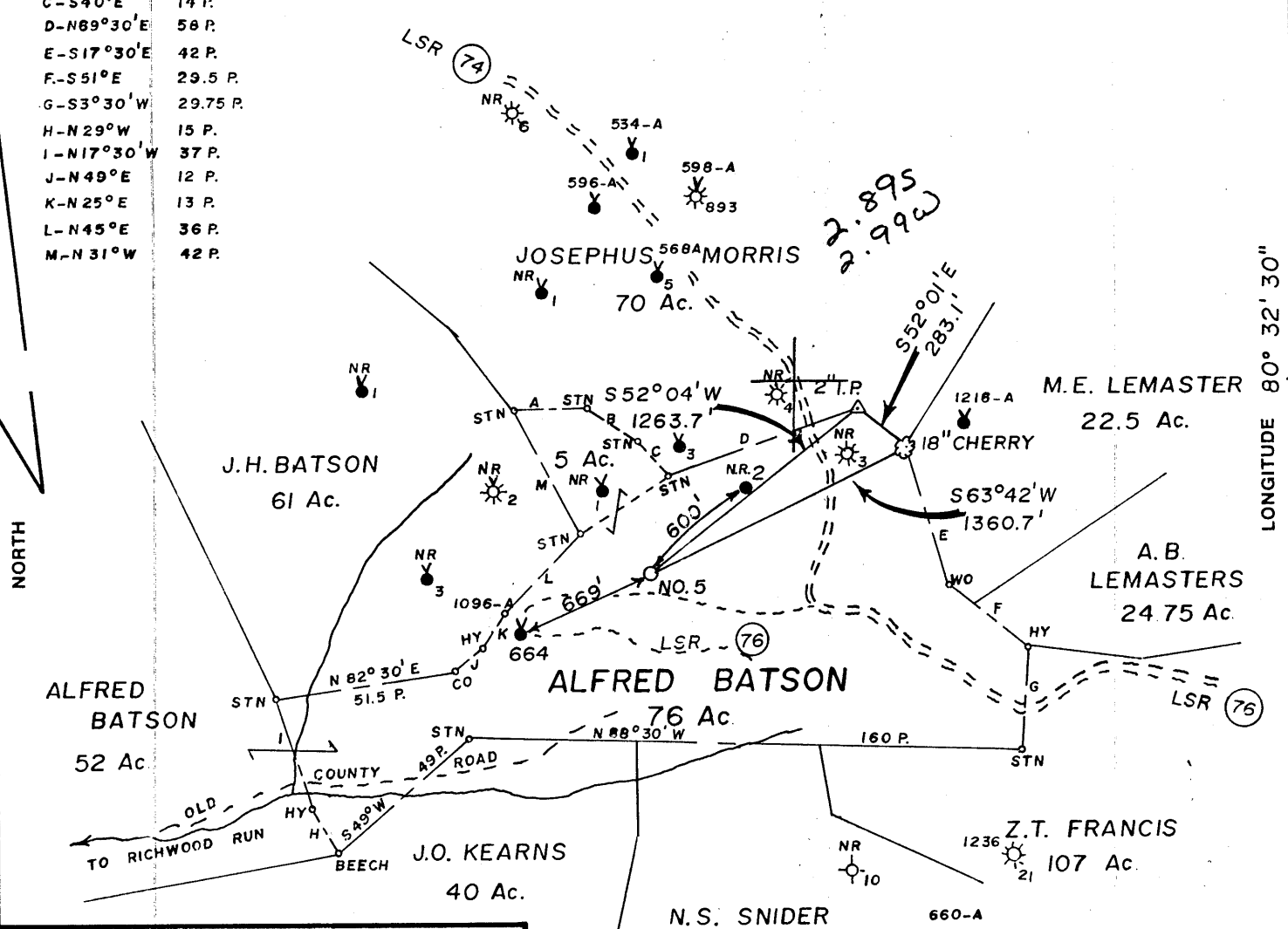
DEED CALLS

A - EAST	20 P.
B - S55°E	18 P.
C - S40°E	14 P.
D - N89°30'E	58 P.
E - S17°30'E	42 P.
F - S51°E	29.5 P.
G - S3°30'W	29.75 P.
H - N29°W	15 P.
I - N17°30'W	37 P.
J - N49°E	12 P.
K - N25°E	13 P.
L - N45°E	36 P.
M - N31°W	42 P.

LATITUDE 39° 35' 00"

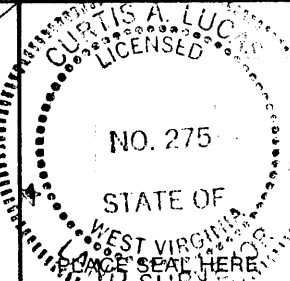
LONGITUDE 80° 32' 30"

NORTH



FILE NO. 1755
 MAP N59 SQS N7 E4
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION A. Batson No. 664
(Wet-1096-A) = 1377.32

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE March 7, 1987
 FARM ALFRED BATSON NO. 5
 API WELL NO. 47 - 103 - 1420
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1464.84' WATER SHED Richwood Run
 DISTRICT Grant COUNTY Wetzel
 QUADRANGLE Big Run 7.5' 254 067 SEq Littleton
 SURFACE OWNER James J. Shreve ACREAGE 47.67
 OIL & GAS ROYALTY OWNER Pennzoil Co. LEASE ACREAGE 133
 LEASE NO. ___
 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 Big Injun ESTIMATED DEPTH 2627 Fallentimber (046)
 WELL OPERATOR J.A. & M. Oil & Gas Co. DESIGNATED AGENT Lydle Martyn (Moble)
 ADDRESS Box 7 ADDRESS Box 7
Jacksonburg, W. Va. 26377 Jacksonburg, W. Va. 26377

MAY 11 1997

FORM IV-6 (8-78)

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

Well Operator's Report of Well Work

Farm name: SHREVE, JAMES J. Operator Well No.: ALFRED BATSON 5

LOCATION: Elevation: 1464.84 Quadrangle: BIG RUN

District: GRANT County: WETZEL
Latitude: 15325 Feet South of 39 Deg. 35Min. 0 Sec.
Longitude 4075 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: J. A. & M. OIL & GAS COMP
BOX 7
JACKSONBURG, WV 26377-0000

Agent: LYDLE MARTYN

Inspector: DONALD ELLIS
Permit Issued: 05/08/87
Well work Commenced: 6-1-87
Well work Completed: 10-15-90-
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 3317' Tap C'ME ON DOWN.
Fresh water depths (ft) 163'
Salt water depths (ft) 2250'
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8	1299.95	1299.95	C.T.S.
5 1/2	2495.60	2495.60	Setting ON SHOE
RECEIVED			
NOV 16 1990			
Division of Energy Oil and Gas Section			

OPEN FLOW DATA

Producing formation GORDON Pay zone depth (ft) 3200'
 Gas: Initial open flow 5000 MCF/d Oil: Initial open flow 0. Bbl/d
 Final open flow 5000 MCF/d Final open flow 0. Bbl/d
 Time of open flow between initial and final tests 48 Hours
 Static rock Pressure 120# psig (surface pressure) after 48 Hours

Second producing formation NONE Pay zone depth (ft) _____
 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

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: J.A. & M. Oil & Gas Co.
O. A. & M. OIL & GAS COMPANY
By: Lydle Martyn Agent
Date: Nov. 14-90

NOV 21 1990

J. A. & M. Oil & Gas Co.
P.O. BOX 7
JACKSONBURG, WV 26377
(304) 889-2215 (304) 889-3124

RECEIVED

NOV 16 90

Division of Energy
Oil and Gas Section

Details Of Penforated Intenvals

Open Hole Shot 3160-3190 Feet.

Brown Reddish Shale 163 ft.

Fresh Water

Grey Clay Shale 163-500 ft.

Red Shale 500-750 ft.

Grey Sandy Shale 750-1000 ft.

Red Rock 1000-1224 ft.

Coal 1224-1234 ft.

Pittsburgh

Light Shale 1234-2200 ft.

Pencil Cave 2200-2400 ft.

2250 Wet

Big Lime 2465-2512 ft.

Big Injun 2604-2624 ft.

Light Shale 2624-3200 ft.

Sand 3200-3264 ft.

Show Of Gas.

Red Rock 3264-3299 ft.

Gordon 3299-3317 ft

Oil Show -Small Gas

1777



1) Date: March 23, 19 87
 2) Operator's Well No. Alfred Batson # 5
 3) API Well No. 47 103 1420
 State County Permit

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

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 1464.84' Watershed: Richwood Run
 District: Grant County: Wetzel Quadrangle: Big Run 7.5'
- 6) WELL OPERATOR J.A. & M. Oil & Gas CODE: 24085 7) DESIGNATED AGENT Lydle Martyn
 Address P.O. Box 7 Address P.O. Box 7
Jacksonburg, WVa. 26377 Jacksonburg, W.Va. 26377
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Mike Underwood
 Address Rt. 2, Box 135
Salem, WVa. 26426
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Big Injun
- 12) Estimated depth of completed well, 2627' feet
- 13) Approximate trata depths: Fresh, 2280, 2780 feet; salt, 2147 feet.
- 14) Approximate coal seam depths: 2172, 2120, 2120, 2126, 2126 Is coal being mined in the area? Yes _____ / No XX /
- 15) CASING AND TUBING PROGRAM see 103-281, 103-338, 103-798, 103, 1196

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	<u>10</u>					<u>1300</u>	<u>1300</u>	<u>to Surface</u>	<u>Per Rule 15.05</u>
Fresh water	<u>↗</u>					<u>1300</u>	<u>1300</u>		
Coal									Sizes
Intermediate									
Production Tubing	<u>7</u>					<u>2500</u>	<u>2500</u>	<u>on-shoe</u>	<u>250 SKS OR AS REQUIRED BY RULE 15.01</u>
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-103-1420 Date May 8, 1987 19

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 May 8, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>2006</u> <u>197</u>	WGP: <u>AS</u>	S&F: <u>AS</u>	Other: _____
---	--	-----------------	-------------------	--------------------------------	----------------	----------------	--------------

NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.