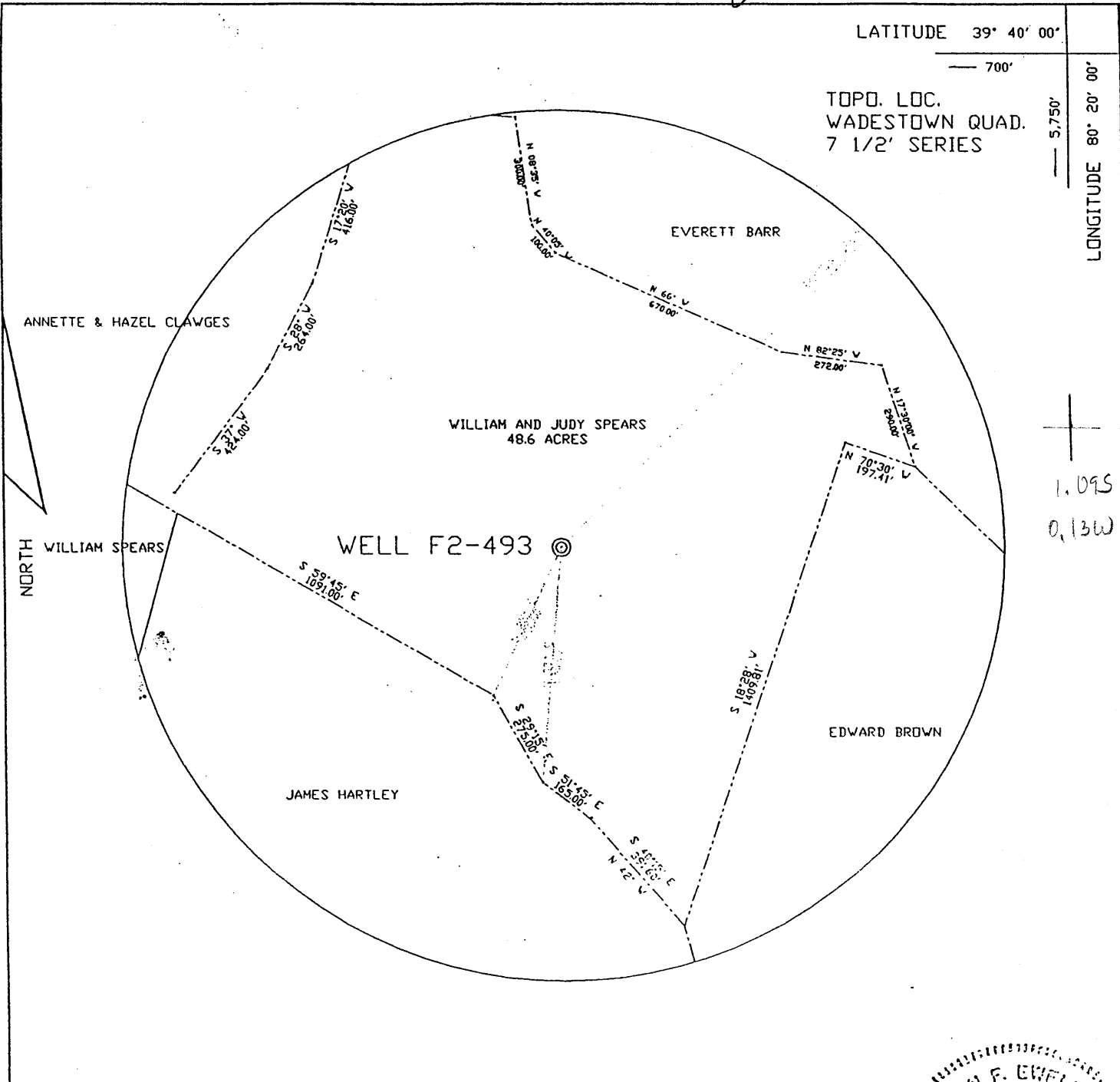


LATITUDE 39° 40' 00"

700'

TOPO. LOC.
WADESTOWN QUAD.
7 1/2' SERIES

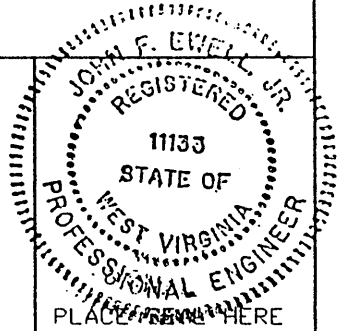
LONGITUDE 80° 20' 00"



FILE NO. F2-1-255
 DRAWING NO. F2-2-330
 SCALE 1"=400'
 MINIMUM DEGREE OF
 ACCURACY 1/2500'
 PROVEN SOURCE OF
 ELEVATION USGS B.M.

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 F. Ewell Jr.
 R.P.E. 1033 L.L.S.



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

FORM IV-6

(8-78)

DATE January 8, 2002
 OPERATOR'S WELL NO. F2-493
 API WELL NO.

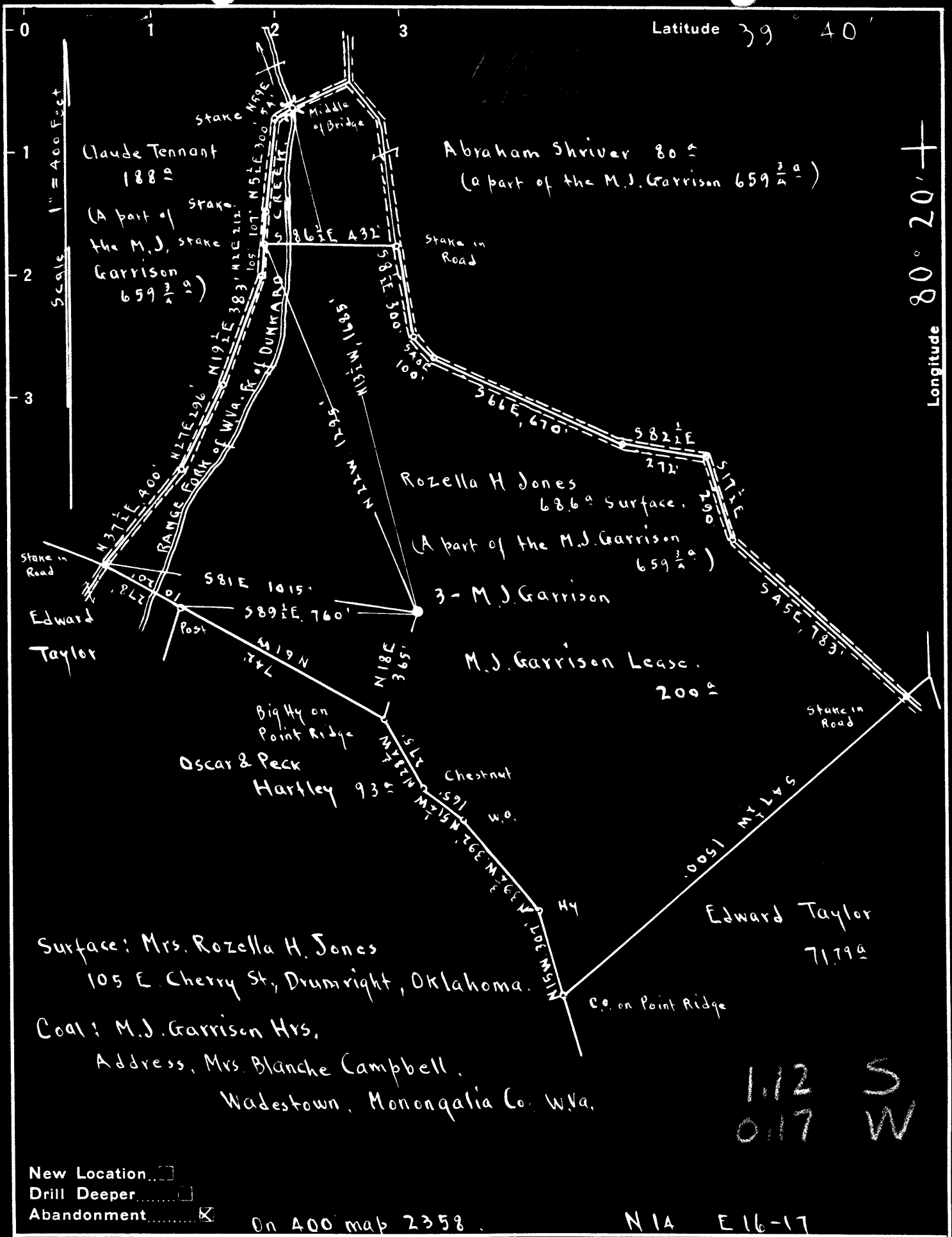
47-061-01430P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

Wvd 061 30439

WELL TYPE: OIL X GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF 'GAS', PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___)
 LOCATION: ELEVATION 1,264 WATERSHED RANGE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN
 SURFACE OWNER WILLIAM & JUDY SPEARS ACREAGE 48.6
 OIL & GAS ROYALTY OWNER SOUTH PENN DIL CO. LEASE ACREAGE ___
 LEASE NO. M.J. GARRISON #3
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL X FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG X
 TARGET FORMATION GORDON SAND ESTIMATED DEPTH 3,200
 WELL OPERATOR EASTERN ASSOC. COAL DESIGNATED AGENT MARK A. GOUZZ
 ADDRESS 1044 MIRACLE RUN ROAD ADDRESS 1044 MIRACLE RUN ROAD
FAIRVIEW WV. 26570 FAIRVIEW WV. 26570

MONO 1430 P



Surface: Mrs. Rozella H. Jones
 105 E. Cherry St., Drumright, Oklahoma.

Coal: M.J. Garrison Hrs.
 Address, Mrs. Blanche Campbell,
 Wadestown, Monongalia Co. W.Va.

112 S
 0117 W

New Location
 Drill Deeper
 Abandonment On 400 map 2358.

NIA E16-17

Company Evaluation & Sales Service
 Address Mount Pleasant, Michigan
 Farm M. J. Garrison
 Tract Acres 200 Lease No. C
 Well (Farm) No. 3 Serial No.
 Elevation (Spirit Level) Floor = 1271.83
 Ground = 1268.33
 Quadrangle MANNINGTON
 County Monongalia District Battelle
 Engineer E. C. Tabler
 Engineer's Registration No.
 File No. Drawing No.
 Date July 2nd 1942 Scale 1" = 400 Feet.

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

WELL LOCATION MAP
 FILE NO. MON-437-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

Battelle District, Monongalia County, W. Va.
 By C. W. Collin, Box 30, Mt. Pleasant, Mich.
 Abandoned under per-~~mit~~ Mon.....-17
 On 200 acres, on Range Fork of W. Va. Fork of Darkford Creek.
 Elevation, 1268.33' L. (ground; 1271.83' L. (D. P.)
 Surface owned by Rosella H. Jones, 105 E. Cherry St., Trawright, Ohio.,
 and minerals by H. J. Garrison heirs, Weadstown, W. Va.
 Drilling completed May 24, 1909.
 Shot Feb. 17, 1915, with 12 qts., top, 3344'.
 Oil, 12 1/2 hrs., lat 24 hrs.
 10" casing, 298'; 8 1/2", 1599'; 6 1/2", 2300'; 5 1/2", 2502'; all left in.
 S. N. packer, 5 1/2" x 6".
 Coal was encountered at 710-714, 988-993, and 1085-1094'.
 Oil well. Record to Dept. of Mines stamped Aug. 18, 1948.
 Record to ROT from Mrs. Griffith Jan. 5, 1949. Old File No. 448.

	Top.	Bottom.
Conductor	0	16
Bluff Sand	660	710
Fairview (Weynesburg) Coal	710	714
Wadestown (Sandchroy) Coal	988	993
Pittsburgh Coal	1085	1094
Little Darkford Sand	1570	1570
Big Darkford Sand	1600	1610
Gas Sand	1780	1850
Salt Sand	1985	2095
Little lime	2300	2310
Pencil Gave	2310	2315
Big lime	2315	2380
Big Injan Sand (water, 2460')	2380	2520
Fifty-foot Sand (oil, 3010'; gas, 3023')	3000	3050
30-foot Sand	3060	3110
Crapboll Run Sand	3245	3265
Gordon Sand	3320	3338
Fourth Sand (oil, 3345')	3340
Total depth		3366



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

448

WELL RECORD

Permit No. 437 A -> 1430

Oil or Gas Well Oil
(KIND)

Company <u>G. W. Collin</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Box 30, Mt. Pleasant, Michigan</u>				
Farm <u>M. J. Garrison</u> Acres <u>200</u>				
Location (waters) <u>Range Fork of W. Va. Fork of Dunkard</u>	Size			Kind of Packer
Well No. <u>3</u> Elev. <u>F-1271.83</u> ¹⁶				<u>B. H.</u>
District <u>Hattelle Monongalia</u> <u>G-1268.33</u> ¹³				
The surface of tract is owned in fee by <u>Rezella H. Jones</u> <u>105 E. Cherry St. Address Drumright, Oklahoma</u>	10	<u>298</u>	<u>298</u>	Size of <u>5 3/16" x 6 5/8"</u>
Mineral rights are owned by <u>Coal-M. J. & M. J. Garrison Heirs</u> Address <u>Wadestown, W. Va.</u>	8 1/4	<u>1599</u>	<u>1599</u>	Depth set
Drilling commenced <u>No Record</u>	6%	<u>2301</u>	<u>2301</u>	Perf. top
Drilling completed <u>May 24, 1909</u>	5 3/16	<u>2502</u>	<u>2502</u>	Perf. bottom
Date Shot <u>See Below</u> From _____ To _____	3			Perf. top
With _____	2			Perf. bottom

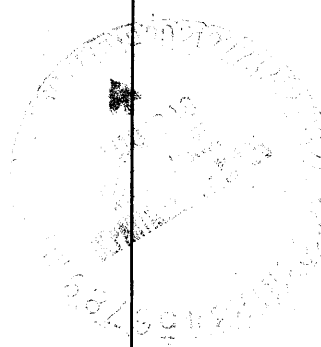
Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil 12 1/2 bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 710 FEET 48 INCHES
988 FEET 60 INCHES 1085 FEET 108 INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor				16			
Bluff Sand			660	710			
Fairview Coal			710	714			
Mapletown Coal			988	993			
Pittsburgh Coal			1085	1094			
Little Dunkard			1530	1550			
Big Dunkard			1600	1610			
Gas Sand			1780	1850			
Salt Sand			1985	2095			
Little Lime			2300	2310			
Pencil Cave			2310	2315			
Big Lime			2315	2380			
Big Injun			2380	2520			
Fifty Feet			3000	3050	Water	2460	
30 Foot Sand			3060	3110	Gas	3023	
Campbells Run S.			3245	3265	Oil	3010	
Gordan Sand			3320	3338			
Fourth Sand			3340		Oil	3345	
Total Depth				3366			

TORPEDO RECORD
Feb. 17, 1915 12 Qts. Top 3344



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE 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.

Farm name: William and Judy Spears Operator Well No.: F2-493

LOCATION: Elevation: 1,264 Quadrangle: Wadestown
District: Battelle County: Monongalia
Latitude: 700 Feet South of 39 Deg. 40 Min. 00 Sec.
Longitude: 5,750 Feet West of 80 Deg. 20 Min. 00 Sec.

Well Type: OIL X GAS _____

Company: Eastern Associated Coal Corp
1044 Miracle Run Road
Fairview, WV 26570

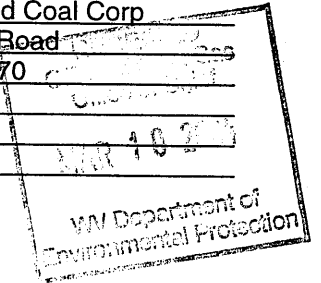
Coal Operator: Eastern Associated Coal Corp
or Owner 1044 Miracle Run Road
Fairview, WV 26570

Agent: Edward Y. Hoy

Coal Operator: _____
or Owner _____

Permit Issued Date: January 24, 2002

AFFIDAVIT



STATE OF WEST VIRGINIA,
County of Monongalia ss:

ERIC DALE CHISLER and JEFF TENNANT 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 the above named well operator, and participated in the work of plugging and filling the above well, and Randall Mick Oil and Gas Inspector representing the Director, say that said work was commenced on the 15th day of February, 2002, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
	Cleaned out with 10" bit to 660', cleaned out with 8" bit to 837', and then cleaned out with 6" bit to 1,700'.			
	Logged hole with Timco (Gamma Ray CCL and Caliper)			
	Ran 1,700' of 1 1/2" tubing and pumped bottom plug with 110 sacks of cement.			
	Ripped 7" pipe from 1,060' to 1,100'			
	Ran 1,270' of 4 1/2" pipe with latch down plug, pumped 705 sacks of cement and 140 sacks of E1K cement.			
	Ran 1 1/2" tubing and tagged cement at 170', pumped 280 sacks cement to fill outside.			
	Swabbed off and checked latch down plug @ 1,120'. Directional survey was run by Sperry-Sun (6-10-02)			
	Pittsburgh Coal: 1,074' - 1,081'			

Description of monument: 4 1/2" Pipe with metal plate, API#, Date plugged and that the work of plugging and filling said well was completed on the 28th day of May 2002.

And further deponents saith not.

Eric Dale Chisler

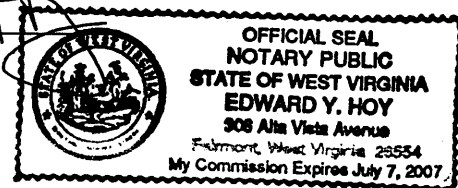
Jeff Tennant

Sworn and subscribe before me this 1st day of July 2002.

My commission expires: July 7, 2007.

[Signature]
Notary Public

Oil and Gas Inspector: [Signature]



MONO 1430 P