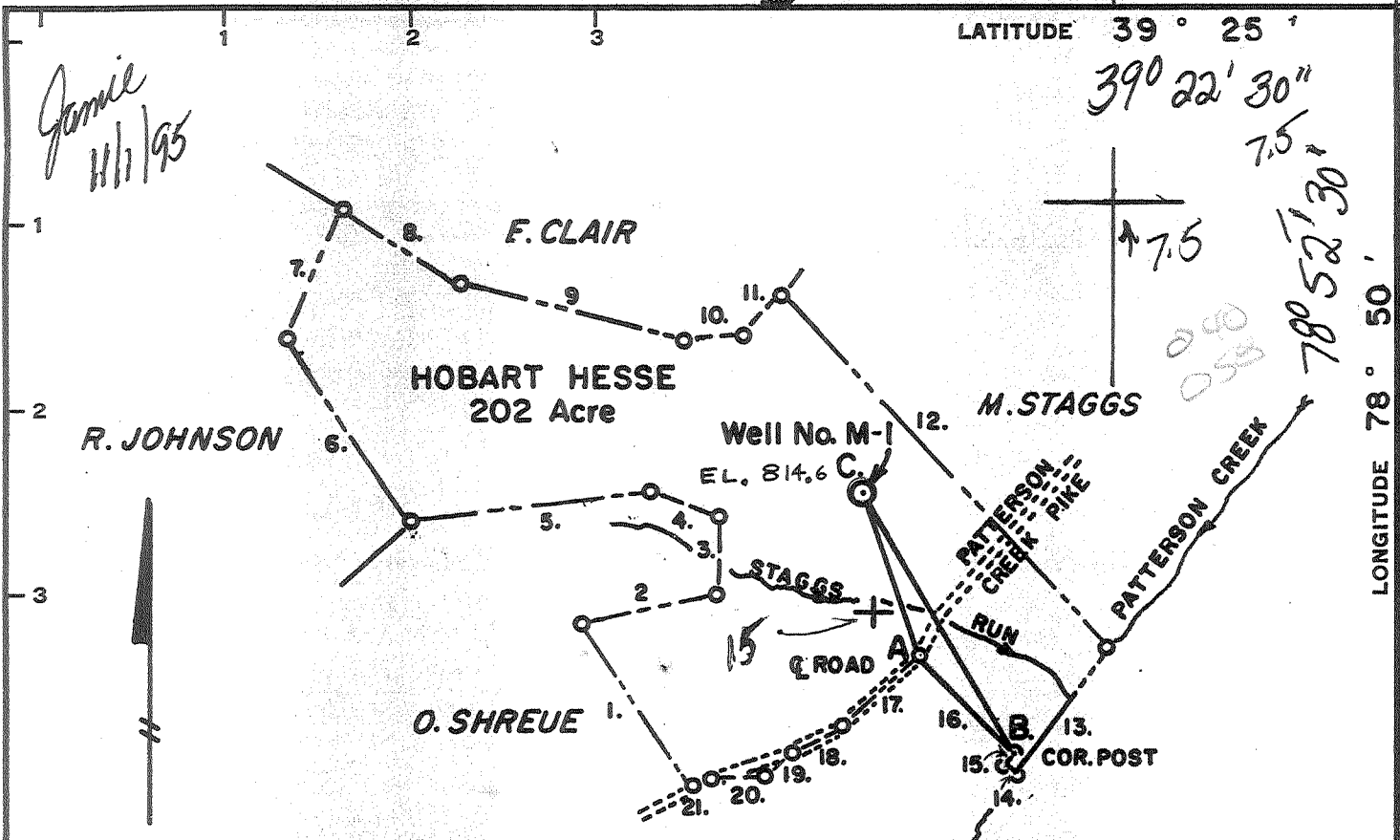


3050'

LATITUDE 39° 25'

39° 22' 30"

Jamie 11/1/95



LONGITUDE 78° 50'

2,100

- A - B    N 45° 00' W , 976.80'
- A - C    N 27° 33' W , 1198.75'
- C - B    S 35° 22' E , 2151.47'

Deed Book 104, Page 224.

1. N 35°W 1443.75'	8. S 58°E 998.25'	15. N 37°E 108.9'
2. N 77°E - 990.0'	9. S 77°E - 1633.5'	16. N 45°W - 976.8'
3. N 1°E - 561.0'	10. N 86°E - 396.0'	17. S 47°W - 745.8'
4. N 71°W - 547.8'	11. N 44°E - 396.0'	18. S 58°W - 396.0'
5. S 82°W - 1683.0'	12. S 43°E - 3432.0'	19. S 51°W - 231.0'
6. N 35°W - 1567.5'	13. S 37°W - 1130.25'	20. S 87°W - 409.2'
7. N 23°E - 990.0'	14. N 34°W - 90.75'	21. N 81°E - 189.75'

7.5' 10c  
 0.385 39° 22' 30"  
 0.576 78° 52' 30"  
 15' 10c  
 3.265  
 280W  
 1/6 2/3 1/2 1/4

Minimum Error of Closure 1/3000  
 Source of Elevation S.C.S B.M. 710.26 (150' NW of Farm House, 14" Sycamore)  
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location.....  
 Drill Deeper.....  
 Abandonment.....

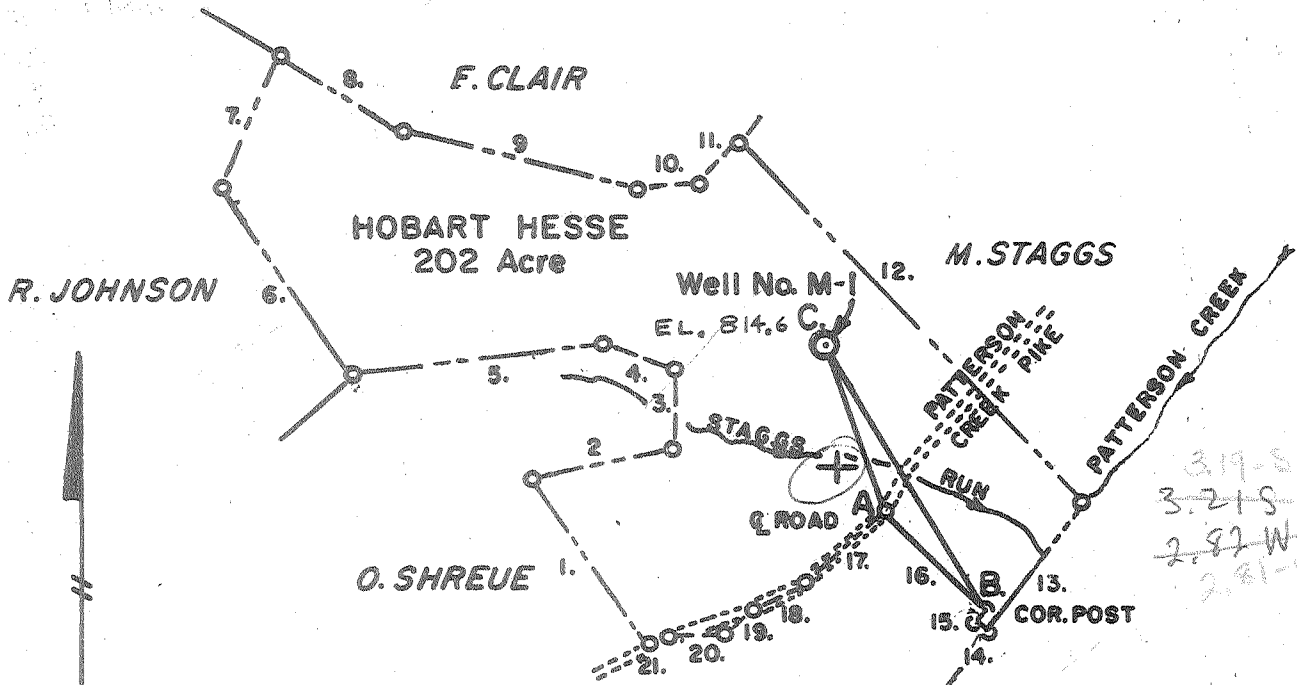
Company Upland Resources, Inc.  
 Address 299 Park Avenue, NY, NY, 10017

Farm HOBART HESSE  
 Tract \_\_\_\_\_ Acres 202 Lease No. 1  
 Well (Farm) No. M-1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 814.6  
 Quadrangle KEYSER 15 / Burlington 7.5  
 County MINERAL District CABIN RUN  
 Engineer James Hawley  
 Engineer's Registration No. PA. 8194-E  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3/19/66 Scale 1" = 1320'

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL & GAS  
 NITRO, WEST VIRGINIA 25143

WELL LOCATION MAP  
 Well No. 47-057-00001-P

+ 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.



A - B N 45° 00' W, 976.80'  
A - C N 27° 33' W, 1198.75'  
C - B S 35° 22' E, 2151.47'

Deed Book 104, Page 224.

1. N 35° W 1443.75'	8. S 58° E 998.25'	15. N 37° E 108.9'
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7. N 23° E - 990.0'	14. N 34° W - 90.75'	21. N 81° E - 189.75'

Minimum Error of Closure 1/3000  
 Source of Elevation S.C.S B.M. 710.26 (150' NW of Farm House, 14" Sycamore)

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location.....  
 Drill Deeper.....  
 Abandonment.....

3.24 S. 39° 25'  
2.83 W. 78° 50'

5-WC (F-16)

Company FEDERAL OIL & GAS CO.  
 Address 1715 GRANT BUILDING, PITTSBURGH, PA.  
 Farm HOBART HESSE  
 Tract \_\_\_\_\_ Acres 202 Lease No. 1  
 Well (Farm) No. M-1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 814.6  
 Quadrangle KEYSER, W. VA. - MD.  
 County MINERAL District CABIN RUN  
 Engineer James Frankly  
 Engineer's Registration No. 20,814-E  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3/19/66 Scale 1" = 1320'

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

WELL LOCATION MAP  
 FILE NO. MINE-1 MINEvA11

+ 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.

\*\* W VA MINERAL 17050 S 14700 W 39.25 78.50 WFD  
 FEDERAL O&G M-1 HOBART HESSE 1 CABIN RUN  
 825 KB 815 GR WILDCAT  
 SPUD 04/20/66 COMP 06/18/66 GAS  
 CSG 11 3/4 AT 275W/ 275 4 1/2 AT 5210W/ 475  
 DTD 5230 LTD 5229 BTM TUSC

LOG-- -- TOP -- --			LOG-- -- TOP -- --		
HAMILTON	0	860	TNLWY	2019	3828 1194-
MARCLS	860	1200	W CRK	3828	4120 3003-
METABEN-			BLOOMSSG	4120	4145 3295-
TONITE	1200	1210	WMSPT	4145	4166 3320-
NEEDMORE	1210	1324	MCKENZIE	4166	4458 3341-
ORISK	1324	1492	KEEFER	4458	4490 3633-
SHRIVER	1492	1535	ROSEHILL	4490	4828 3665-
COEYMANS	1535	1633	CRESAP-		
KEYSER	1633	2019	TOWN	4828	4914 4003-
			TUSC	4914	4089-
SPL-- -- TOP -- --			SPL-- -- TOP -- --		
ORISK	1325	1355	TUSC	4970	4145-
ORISK	1500	1535			

MAP QUAD KEYSER PROJ DEPTH 4200 TUSC AC 202  
 47 15

CONTR SAM JACK TOOLS RT  
 CARTER COORD 14-11-128  
 7 MI E OF TOWN OF KEYSER  
 14 MI W OF AUGUSTA GAS STORAGE FIELD  
 REDUCED HOLE TO 7 AT 1535  
 VSSG IN ORISKANY, TUSCARORA  
 RAN GR LOGS  
 PERF AT 5057 W/4, 5066 W/4, 5087 W/4, 5104 W/4,  
 5123 W/4, 5134 W/4, ACID W/1500, NO RESULTS  
 PERF AT 1332 W/2, 1446 W/1, 1455 W/2, 1466 W/1,  
 1500 W/4, ACID W/6000, F 27 MCFGPD, RP 247/16  
 HRS  
 FRACT 1332-1500 W/810 BW, 30,000 LBS 20/40 SD,  
 BDP 2300, AVG TREAT PRESS 2100, AIR 37.7 BPM  
 IPF 286 MCFGPD OP 1 1/2 HRS, RP 450/72 HRS  
 ORISKANY DISCOVERY  
 RE-ISSUED W/ADDL, CORR DATA  
 REPLACES COMP ISSUED 6/24/66  
 ISSUED 05/26/67

15

MINERAL  
 FEDERAL O&G M-1 HOBART HESSE 39.25 78.50 WF WFD  
 \*\* 17050 S 14700 W CABIN RUN  
 823 KB 815 GR WILDCAT  
 COMP 06/18/66 GAS  
 CSG 11 3/4 AT 275W/ CMT 4 1/2 AT 5230  
 DTD 5230  
 IPF 86 MCFGPD  
 RP 375  
 LOG-- -- TOP -- --  
 ORISK 1324  
 TUSC 4968  
 SPL-- -- TOP -- --  
 ORISK 1325 1355 TUSC 4970  
 ORISK 1500 1535  
 MAP QUAD KEYSER PROJ DEPTH 4200 TUSC AC 202  
 CONTR SAM JACK TOOLS RT  
 CARTER COORD 14-11-128  
 7 MI E OF TOWN OF KEYSER  
 14 MI W OF AUGUSTA GAS STORAGE FIELD  
 4/28 REDUCED HOLE TO 7 AT 1535  
 5/12 VSSG IN ORISKANY, TUSCARORA  
 6/2 ACID TUSCARORA W/1500, NO RESULTS  
 ACID ORISKANY W/6000  
 6/23 FRACT ORISKANY W/900 BW, 30,000 LBS SD  
 IPF 86 MCFGPD, RP 375/24 HRS  
 TIGHT HOLE, WILL RE-ISSUE WHEN ADDL DATA IS  
 RELEASED  
 COMPLETION

MINERAL  
 PHILLIPS PET 1 HOBART HESSE-A 39.25 78.50 WDX  
 \*\* 17050 S 14700 W CABIN RUN  
 815 GR PB 2990 OTD 5230  
 LOG-- -- TOP -- -- LOG-- -- TOP -- --  
 ORISKANY 1324 1492 TUSCARORA 4914  
 SHRIVER 1492 1535  
 MAP QUAD KEYSER PROJ DEPTH 4200 TUSC AC 202  
 CARTER COORD 14-11-128  
 OWWO - ORIG FEDERAL O&G M-1 HOBART HESSE, COMP  
 6/18/66, ORISKANY GAS WELL  
 7 MI E OF TOWN OF KEYSER  
 14 MI W OF AUGUSTA GAS STORAGE FIELD  
 10/24 DRLD PLUG AT 1551  
 PERF 5056-5113, FRACT W/20,000 WTR, 19,000 LBS  
 20/40 SD, SWBD DRY  
 PB 2990, PERF 1328-29 W/1, 1330-32 W/2, 1346-47  
 W/1, 1361-63 W/2, 1389-90 W/1, 1392-93 W/1,  
 1405-06 W/1, 1415-16 W/1, 1420-22 W/2,  
 1445-47 W/2, 1466-67 W/1, 1492-94 W/2,  
 1511-17 W/2, FRACT W/49,000 WTR, 50,000 LBS  
 20/40 SD, 14, PERF BALLS  
 1/31 F 59 MCFGPD OPEN 72 HRS  
 S1, DROPPED FROM REPORT UNTIL ACTIVITY RESUMES  
 COMPLETION.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 12

WELL RECORD

Quadrangle \_\_\_\_\_

Permit No. MIN-1

Oil or Gas Well Gas  
(KIND)

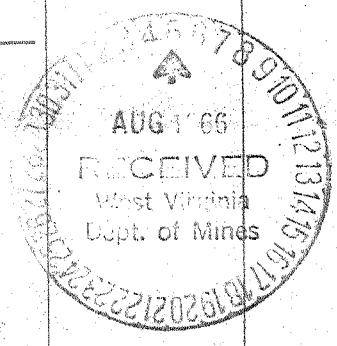
Company Federal Oil & Gas Company  
Address 1715 Grant Building, Pgh., Pa.  
Farm Hobart Hesse Acres 202  
Location (waters) Staggs Run 824.5 KB  
Well No. 1 Elev. 814.6 GR  
District Cabin Run County Mineral  
The surface of tract is owned in fee by Hobart Hesse  
R. D. Address Burlington, W.Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced 4/20/66  
Drilling completed 6/18/66  
Date Shot Frac and Acidize (See back)  
From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 286 mcf 1 1/2 hr. blow down Cu. Ft.  
Rock Pressure 450# lbs. 72 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
<del>11-3/4"</del>	275'	275'	Depth set _____
8 1/4"			
6 1/2"			Perf. top (See back)
5 3/16"	5210	5210	Perf. bottom "
4 1/2"			Perf. top "
2"			Perf. bottom "
Liners Used			

CASING CEMENTED 11-3/4" SIZE 275 No. Ft 4/23/66 Date  
4 1/2" 364' in Tuscarora  
4 1/2" 373' in Oriskany 5/10/66  
COAL WAS ENCOUNTERED AT None FEET INCHES  
\_\_\_\_\_ FEET INCHES FEET INCHES  
\_\_\_\_\_ FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 286 MCF Oriskany  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Generalized Sample Section Adjusted to Gamma Ray Log from K.B. @ 824.5							
limestone & shales	Brown & Gray	Soft	0	150			Hamilton Fm.
limestone & shale	"	Hard	154	160			"
limestone & shales	"	Soft	160	520			"
shale	D.Gray	"	520	860			"
shale	"	"	860	1200			Marcellas
Montonite	Gol.Brn.	"	1200	1210			MetaBentonite
shale	Gray	"	1210	1324			Needmore
shale, Calc.	White	Hard	1324	1332			Oriskany
shaly ls & ss	Dk.Gray	"	1332	1437			"
light Calc.	White	"	1437	1480			"
shaly ss	Dk.Gray	"	1480	1492			"
shaly ls	" to Blk.	"	1492	1535	Gas	1500	Shriver Chert Bridge Plug @ 1498
shaly ls & shale	Gray	"	1535	1633			Helderberg Coeymans ls.



(over)

Deep Well

Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
w Fossils	Gray	Med. Hard	1633	2019			Heldenberg (Keyser)
arty Ls	Dk. Gray	"	2019	2200			Tonoloway Ls
		"	2200	2570			"
blomitic Shale	"	"	2570	3040			"
s & Shale	"	"	3040	3580			"
blomite	Dark	"	3580	3650			"
s Dol. SS	"Gray	"	3650	3828			"
shales-Dol.	L Green Gray	"	3828	4120			Wills Creek
shales & Dol.	GreenRed	"	4120	4145			" (Bloomburg)
alc. Sand	L Gray	Hard	4145	4166			" (Williamsport)
s & Shale	Drk. Gray	Med Hard	4166	4458			McKenzie
w Fossils sand	Sl. Red & White	Hard	4458	4490			Clinton (Kefer)
shale sand	Red-Green Red	Med Hard Hard	4490 4828	4828 4874			" (Rosehill) " (Cresap-town Iron SS)
shale sand-Shale sand	Red-Green White-Rd. White	Med Hard Hard Very Hard	4874 4914 5046	4914 5046 5229	Possible Shows		Tuscarora " (Massive Section) In Tuscarora
T. D.				5229			
575 Interpretation by S. A. Myers 8/2/66							
perforations	.465 Size	Oriskany	2 @ 1332; 1 @ 1446; 2 @ 1455; 1 @ 1466, 4 @ 1500				
perforations	.465 Size	Tuscarora	4 @ 5057; 4 @ 5066; 4 @ 5087; 4 @ 5104; 4 @ 5123 4 @ 5134				
5/24/66	Dowell acidized	Tuscarora A.A.	No results				
5/26/66	Dowell Acidized	Oriskany A. A.	27 mcf 247# 16 hr.				5229 325
6/16/66	Dowell Water Frac	Oriskany A.F.	286 mcf 450# 72 hrs.				4464

Date August 3, 1966

APPROVED Federal Oil & Gas Company, Owner

By [Signature] (Title) President

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

Permitting  
Office of Oil and Gas AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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: Mineral County Commission Operator Well No.: Hobert Heese #1

LOCATION: Elevation: 814.60 Quadrangle: KEYSER  
District: CABIN RUN County: MINERAL  
Latitude: 2100 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 3050 Feet West of 78 Deg. 52 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company: Upland Resources  
299 Park Ave.  
NY, NY 10017

Coal Operator n.a.  
or Owner \_\_\_\_\_

Agent: Ralph Webb

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 11/01/95

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_

ss:

Robert Wharton and Thearl Clutter 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 Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 21 day of November, 1995, and that the well was plugged and filled in the following manner:

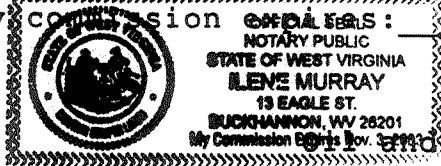
TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	1498	1398		
Gel	1398	800	810 of 4 1/2	4400
Cement	800	700		
Gel	700	400	11 3/4	275
Cement	400	300		
Gel	300	100		
Cement	100	0		

Description of monument: Erected monument per DOE regulations  
and that the work of plugging and filling said well was completed on the 27 day of November, 1995.

And further deponents saith not.

Sworn and subscribe before me this 14 day of December, 1995

My commission expires: 11-03-03



Robert Wharton  
Thearl Clutter  
Ilene Murray  
Notary Public  
Phillip Tracy  
Gas Inspector

FEB 23 1996