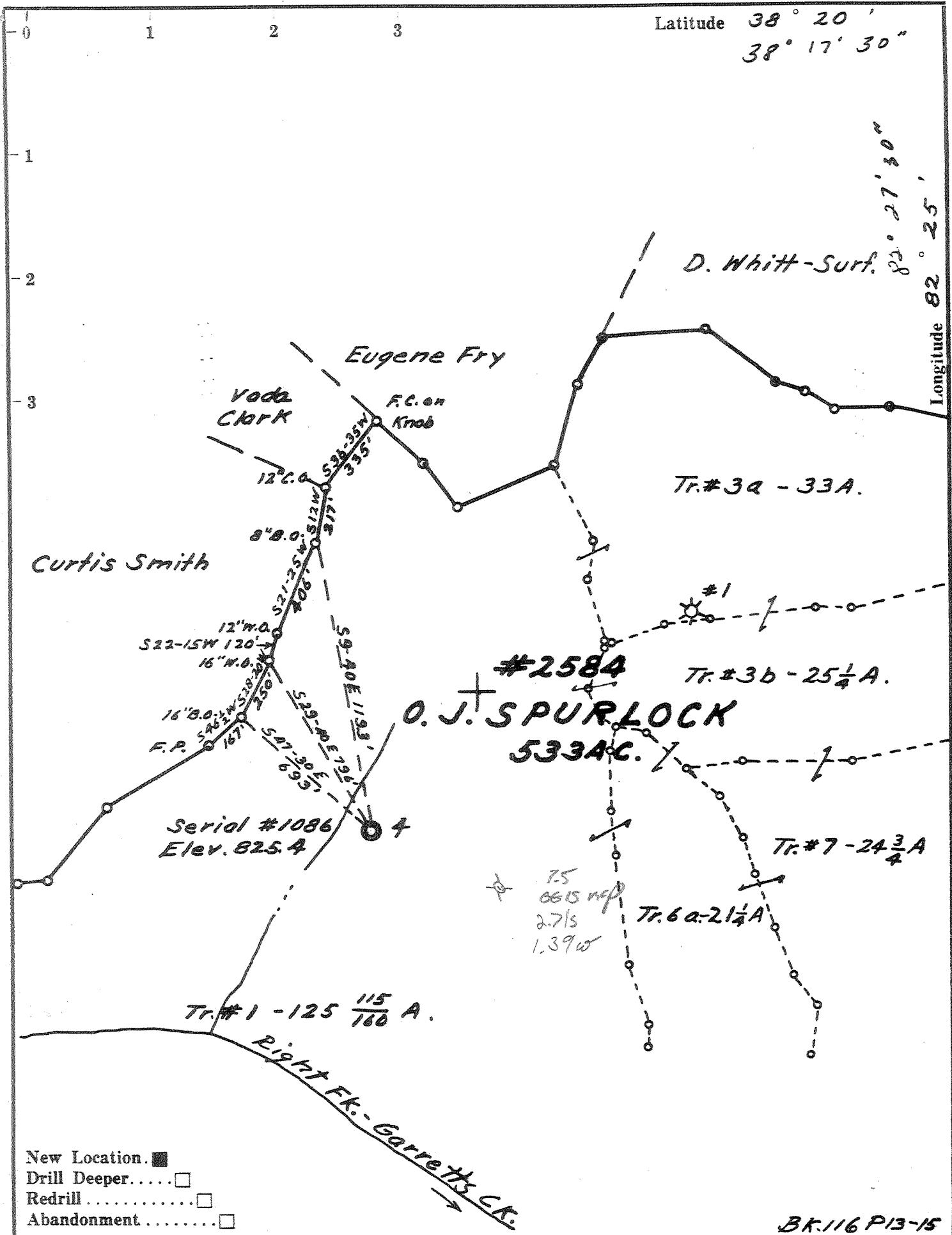


7800

Latitude 38° 20'
38° 17' 30"



14,000'

- New Location.
- Drill Deeper.
- Redrill
- Abandonment

BK.116 P13-15

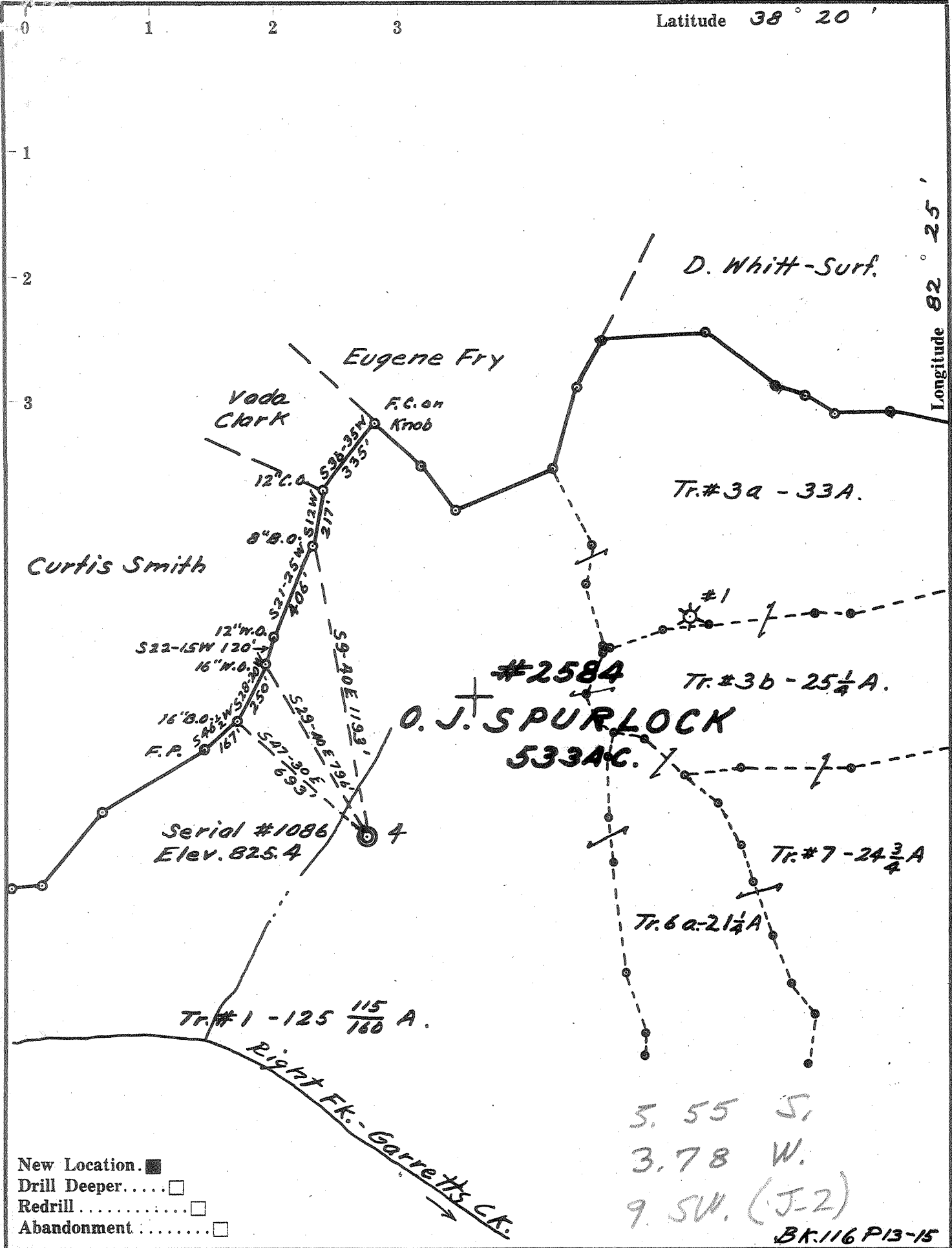
Company Cabot Oil & Gas Corp. of WVa.
 P.O. Box 454- Glasgow, WVa. 25086
 Address Surface: Lena Spurlock
 Farm **O.J. SPURLOCK**
 Port 533
 Tract 1 Acres $125 \frac{115}{160}$ Lease No. 2584
 Well (Farm) No. 4 Serial No. 1086
 Elevation (Spirit Level) 825.4
 Quadrangle Guyandot
 County Wayne District Union
 Engineer T.S. Flourney
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Aug. 25, 1959 Scale 1" = 500 Ft.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. WAY-1230-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.

JUL 26 1959



- New Location.
- Drill Deeper.
- Redrill
- Abandonment

S. 55 S.
 3.78 W.
 9 SW. (J-2)
 BK. 116 P13-15

Company Owens, Libbey-Owens Gas Dept.
 Address Box 4168 Charleston 4 W. Va.
 Farm O. J. SPURLOCK
 Tract 1 Acres 125 115/160 Lease No. 2584
 Well (Farm) No. 4 Serial No. 1086
 Elevation (Spirit Level) 825.4
 Quadrangle Guyandot - SW
 County Wayne District Union
 Engineer T.S. Flourney
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Aug. 25, 1959 Scale 1" = 500 Ft.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. WAY-1230

+ 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.

No Samples

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Guyandot

WELL RECORD

Permit No. Way-1230

Oil or Gas Well Gas
(KIND)

Company Owens, Libbey-Owens Gas Department
Address P.O. Box 4168, Charleston 4, W.Va.
Farm O. J. Spurlock Acres 533
Location (waters) _____
Well No. 4 (Serial No. 1086) Elev. 825.4
District Union County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by O. J. Spurlock
Address P.O. Box 9027
Huntington, W. Va.
Drilling commenced 9/28/59
Drilling completed 1/5/60
Date Shot 1/13, 21/60 From 3840 To 3861
With 133 1/3# Hercules Gel, 1166 2/3# Trojan Pdr.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Big Six 48 M Cu. Ft.
Rock Pressure 775 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 103, 700 feet _____ feet
Salt water 1051, 3371 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Larkin upside down
18			Size of
10 3/4	330'4"	330'4"	3 1/2 x 5 1/2 x 16
8 5/8	1333'3"	Pulled	Depth set
7	2193'3"	2193'3"	3767 - 3773
5 3/4 1/2	3609'7"	3609'7"	Perf. top 3833
3 1/2	--	3849'	Perf. bottom 3846
2			Perf. top
Liners Used			Perf. bottom

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Red	Soft	0	45			
Sand	White	Hard	45	113	Water at 103, 2 BPH		
Slate	White	Soft	113	133			
Slate	Dark	Soft	133	135			
Slate	White	Soft	135	180			
Sand	White	Hard	135	205			
Slate	Blue	Soft	205	261			
Sand	White	Soft	261	293			
Slate	White	Soft	293	331			
Lime	White	Hard	331	369			
Sand	White	Hard	369	393			
Slate	White	Soft	393	476			
Sand	White	Soft	476	566			
Slate	White	Soft	566	591			
Lime	White	Hard	591	596			
Slate	White	Soft	596	664			
Sand	White	Soft	664	722	Water at 700, 1 BPH		
Slate	Blue	Soft	722	729			
Slate	White	Hard	729	802			
Slate	White	Soft	802	852			
Sand	White	Hard	852	872			
Slate	White	Soft	872	902			
Sand	White	Hard	902	938			
Slate	Blue	Med.	938	990			
Sand	White	Hard	990	1088	Water at 1051, hole full		
Lime	White	Hard	1088	1115			
Sand	White	Hard	1115	1152			
Slate	Blue	Soft	1152	1178			
Slate	White	Soft	1178	1203			
Red Rock	Red	Soft	1203	1223			
Slate	White	Soft	1223	1296			
Slate	White	Hard	1296	1302			
Little Lime	Grey	Hard	1302	1307			
Little Lime	White	Hard	1307	1317			

(Over)

Formation	Color	Hard or Soft	Top ⁵	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Lime	White	Hard	1317	1320			
Pencil Cove	Dark	Soft	1320	1321			
Big Lime	White	Hard	1321	1334			
Big Lime	White	Hard	1334	1487			
Big Injun	Dark	Soft	1487	1519			
Big Injun	Grey	Med.	1519	1539			
Slate	Grey	Soft	1539	1549			
Stray Sand	Grey	Med.	1549	1555			
Stray Sand	Grey	Med.	1555	1576			Dried up hole at 1555 to test Big Injun Sand for water. In 27 hrs., 35 gal. water and skim of oil.
Slate	White	Soft	1576	1665			
Slate	Blue	Soft	1665	1975			
Slate	White	Soft	1975	2045			
Sl. & Shls.	Dark	Soft	2045	2106			
Brown Shale	Brown	Soft	2106	2123			
Berea	Grey	Hard	2123	2159			
Slate	Black	Soft	2159	2186			
Lime Shells	Blue	Hard	2186	2193			
Lime	Black	Hard	2193	2210			
Sl. & Shls.	Grey	Med.	2210	2230			
Brown Shale	Brown	Soft	2230	2320			
Slate	White	Soft	2320	2513			
Brown Shale	Brown	Soft	2513	2622			
Slate	White	Soft	2622	2655			
Shells	White	Med.	2655	2673			
Brown Shale	Brown	Soft	2673	2765			
Brown Shale	Brown	Med.	2765	2968			
Slate	White	Soft	2968	3136			
Brown Shale	Brown	Med.	3136	3184			
Corn. Lime	Grey	Hard	3184	3255			
Corn. Lime	Light	Hard	3255	3271			
Corn. Lime	Grey	Hard	3271	3373			
Slate	Black	Soft	3373	3376			
Corn. Lime	-	-	3376	3392			
Corn. Lime	Grey	Hard	3392	3416			
Corn. Lime	Black	Hard	3416	3456			
Corn. Lime	Grey	Hard	3456	3610			
							12-15-59 & 12-16-59 Installed 5½" csg. at 3610' with Parmaco B. H. Pkr. set 3607 - 3610 and Anchor Pkr. set 3256 - 3260. Ran 110 gal. Kontol and 396 gal. water between Pkrs.
Cornif. Lime	Grey	Hard	3610	3616			
Cornif. Lime	Grey	Hard	3616	3838			
Big Six Sand	Grey	Hard	3838	3909			
							Gas show at 3854 Gas 3864 4.9 MCF Gas 3880 6.7 MCF Gas 3901 8.6 MCF
Slate	White	Soft	3909	3916			
Red Rock	Red	Soft	3916	3921			
							Test 3921 8.6 MCF SIM 3921 = Sand LM 3919
			T. D.	3921			
			Cleaned out to	3859 SIM			
							Birdwell ran Gamma Ray and temperature logs from bottom of 5½" csg. to 3909.
							1-12-60 Filled hole to 3860'
							1-13-60 Shot with 133# Hercules Gelatin from 3840 to 3861. Cleaned out for 95 hours. Shot second time at same interval with 1167# Trojan Pdr.

Date February 18, 1960

APPROVED Owens, Libbey-Owens Gas Department Owner

By *A. H. Smith*
A. H. Smith, Mgr. (Title) Land, Engr., & Geol.



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION 5A

Quadrangle Guyandot

Permit No. Way-1200

WELL RECORD

Oil or Gas Well Gas
 (KIND)

Company Owens, Libbey-Owens Gas Department
 Address _____
 Farm O. J. Spurlock Acres _____
 Location (waters) _____
 Well No. 4 (Serial No. 1086) Elev. _____
 District _____ County _____
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 9/28/59
 Drilling completed 1/5/60
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 3/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
					<u>1-13-60</u> Well cleaned out for 171 hours, then shut-in.		
					<u>1-29-60</u> F. O. F. Big Six 48 MCF		
							GR Log has Keefen 3902-8

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

RECEIVED
SEP 18 1985

AFFIDAVIT OF PLUGGING AND FILLING WELL

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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.

Lena Spurlock
Coal Operator or Owner
Rt. 1, Box 1393, Wayne, WV 25570
Address

Coal Operator or Owner

Address
Lena Spurlock
Lease or Property Owner
Rt. 1, Box 1393, Wayne, WV 25570
Address

Cabot Oil & Gas Corp. of WV
Name of Well Operator
P.O. Box 454, Glasgow, WV 25086
Complete Address
September 16 1985
WELL AND LOCATION
Union _____ District _____
Wayne _____ County _____
WELL NO. #4
O. J. Spurlock Farm

STATE INSPECTOR SUPERVISING PLUGGING Jerry Holcomb

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

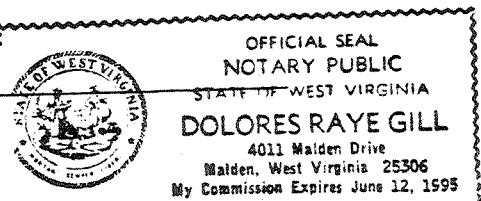
Bill Shreve (Shreve Well Service) and C. E. McClure
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Cabot Oil & Gas Corp. of WV, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 21 day of August, 19 85, 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
2875' - 2625'	Class A cement			
2625' - 2250'	6% Gel	3 1/2" bridge plug @ 2890'		
2250' - 2100'	Class A cement			
2100' - 750'	6% Gel			
750' - 650'	Class A cement	6 1/4" open hole bridge plug @ 2250'		
650' - 400'	6% Gel			
400' - 280'	Class A cement			
280' - 150'	6% Gel			
150' to surface	Class A cement	Cut 3 1/2" tubing	2875	974
NOTE: Inspector gave verbal permission to set 3 1/2" bridge plug @ 2890' and cut @ 2875'.		Cut 5 1/2" casing	2250	1359
		Cut 7" casing	750	1443
		<i>[Signature]</i> 9/20/85		
Coal Seams	N/R	Description of Monument		
(Name)		Casing monument w/API number		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 23 day of August, 19 85.
And further deponents saith not.

Sworn to and subscribed before me this 16 day of September, 19 85.
Dolores Raye Gill
Notary Public

My commission expires:
June 12, 1995



Permit No. 47-099-1230 P