

LATITUDE 38 25'00"

7.5 LOC.

UTM METERS (NAD83)  
N-4251986.44  
E-463502.90

LAT.=38°24'55.36"  
LONG.=81°25'05.04"

490'

LONGITUDE 81 25'00"

SHERMAN SMITH  
D.B. 2711 PG.153  
T.M. 31 PAR. 2

BRIGHT TIMBERLANDS, LLC  
D.B. 2500 PG.752  
T.M. 31 PAR. 3

BROOKS BOLYARD  
D.B. 2722 PG.540  
T.M. 31 PAR. 2.3  
○ 47-039-01651

DARLY ENGLAND, et al  
D.B. 2616 PG.402  
T.M. 31 PAR. 2.2  
○ 47-039-01305

○ 47-039-05271

WELL #7106

BROOKS BOLYARD  
D.B. 2722 PG.540  
T.M. 31 PAR. 2.1

BROOKS BOLYARD  
D.B. 2722 PG.540  
T.M. 31 PAR. 2.1

○ 47-039-01296

SECONDARY ROUTE 57

IRON REBAR

IRON REBAR

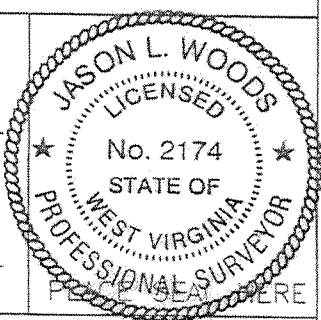
1352' S 82°20' E  
N 36°59' W  
1025'  
30' R.O.W.

BLUE CREEK

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

FILE No. 12-100-012  
DRAWING No. 12-100-012  
SCALE 1"=1000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION TRIMBLE PRO XH GPS UNIT

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 DIVISION OF ENVIRONMENTAL PROTECTION.  
(SIGNED) *Jason L. Woods* 3-12-12  
JASON L. WOODS PS #2174



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
NITRO, WV



DATE FEBRUARY 27 2012  
OPERATOR'S WELL No. 7106  
API WELL No.

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION \_\_\_ STORAGE  DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 876 WATER SHED BLUE CREEK  
DISTRICT ELK COUNTY KANAWHA  
QUADRANGLE BLUE CREEK

47 039 - 01546 DD  
STATE COUNTY PERMIT  
**CANCELLED**

SURFACE OWNER DARYL & ANNETTE ENGLAND & FRANKIE & RUTH ENGLAND ACREAGE 105.64  
OIL & GAS ROYALTY OWNER KANAWHA CRUDE OIL CO. LEASE ACREAGE 900  
LEASE No. 881

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) REWORK AND FRAC

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5200  
WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT PAUL AMICK  
ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS P.O. BOX 1273, CHARLESTON W.V.  
25325-1273 25325-1273

05/30/2014

DLT

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D.B. 2616 PG.402  
T.M. 31 PAR. 2.2

47-039-05271

47-039-01305

WELL #7106

47-039-01770

IRON REBAR

1352'  
S 82°20' E  
N 36°56'  
1025'  
W

BROOKS BOLIYARD  
D.B. 2722 PG.540  
T.M. 31 PAR. 2.1

47-039-01229

BLUE CREEK

IRON REBAR

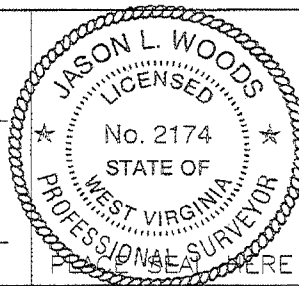
○ 47-039-01296

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

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(SIGNED) Jason L. Woods 3-12-12  
JASON L. WOODS PS #2174



STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
NITRO, WV



DATE FEBRUARY 27 20 12  
OPERATOR'S WELL No. 7106  
API WELL No.

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  STATE 47 COUNTY 039 PERMIT 01546  
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 876 WATER SHED BLUE CREEK  
DISTRICT ELK COUNTY KANAWHA  
QUADRANGLE BLUE CREEK

SURFACE OWNER DARYL & ANNETTE ENGLAND & FRANKIE & RUTH ENGLAND ACREAGE 105.64  
OIL & GAS ROYALTY OWNER KANAWHA CRUDE OIL CO. LEASE ACREAGE 900  
LEASE No. 881

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) REWORK AND FRAC

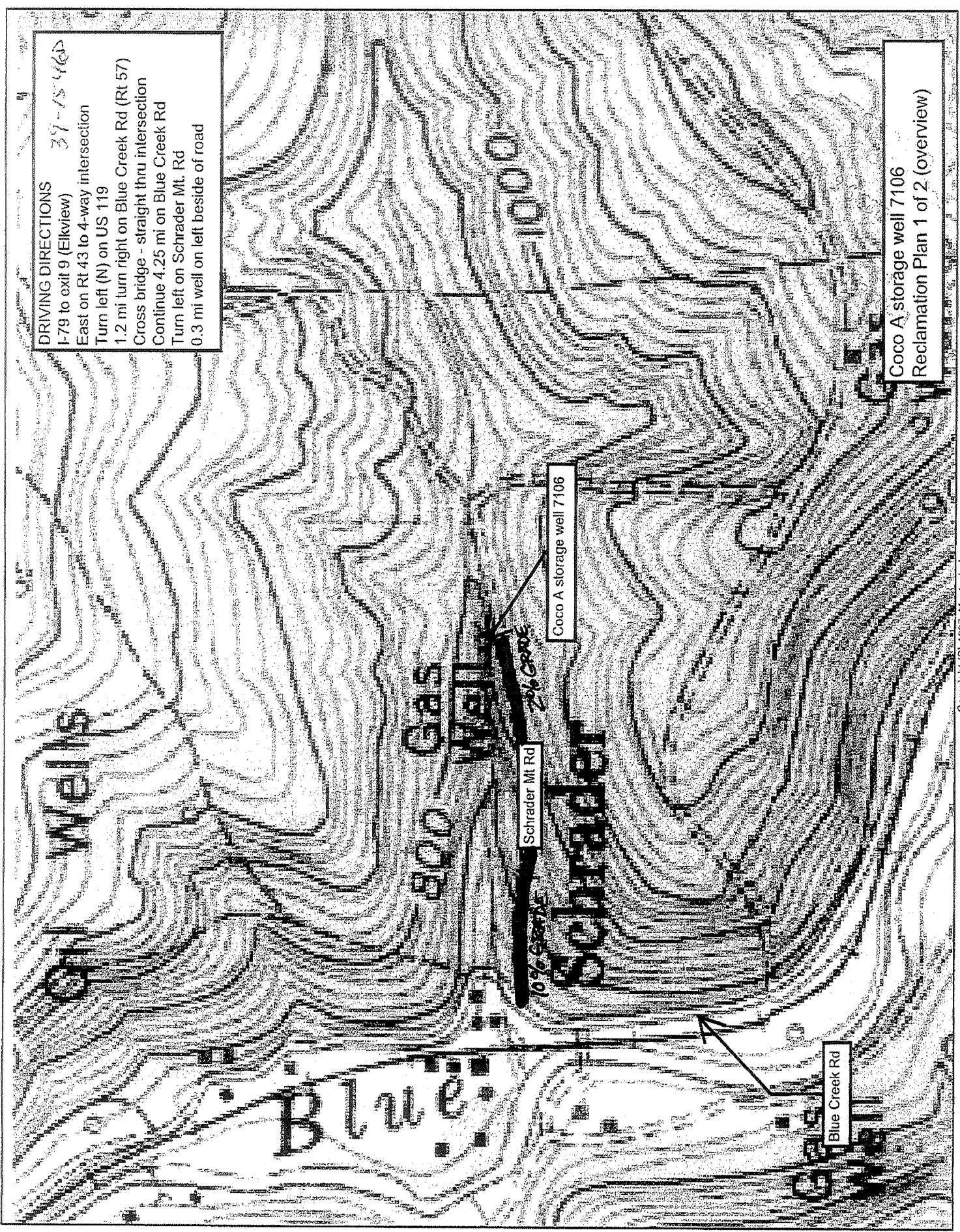
PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5200  
WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT PAUL AMICK  
ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS P.O. BOX 1273, CHARLESTON W.V.  
25325-1273 25325-1273

FORM IV-6 (8-78)

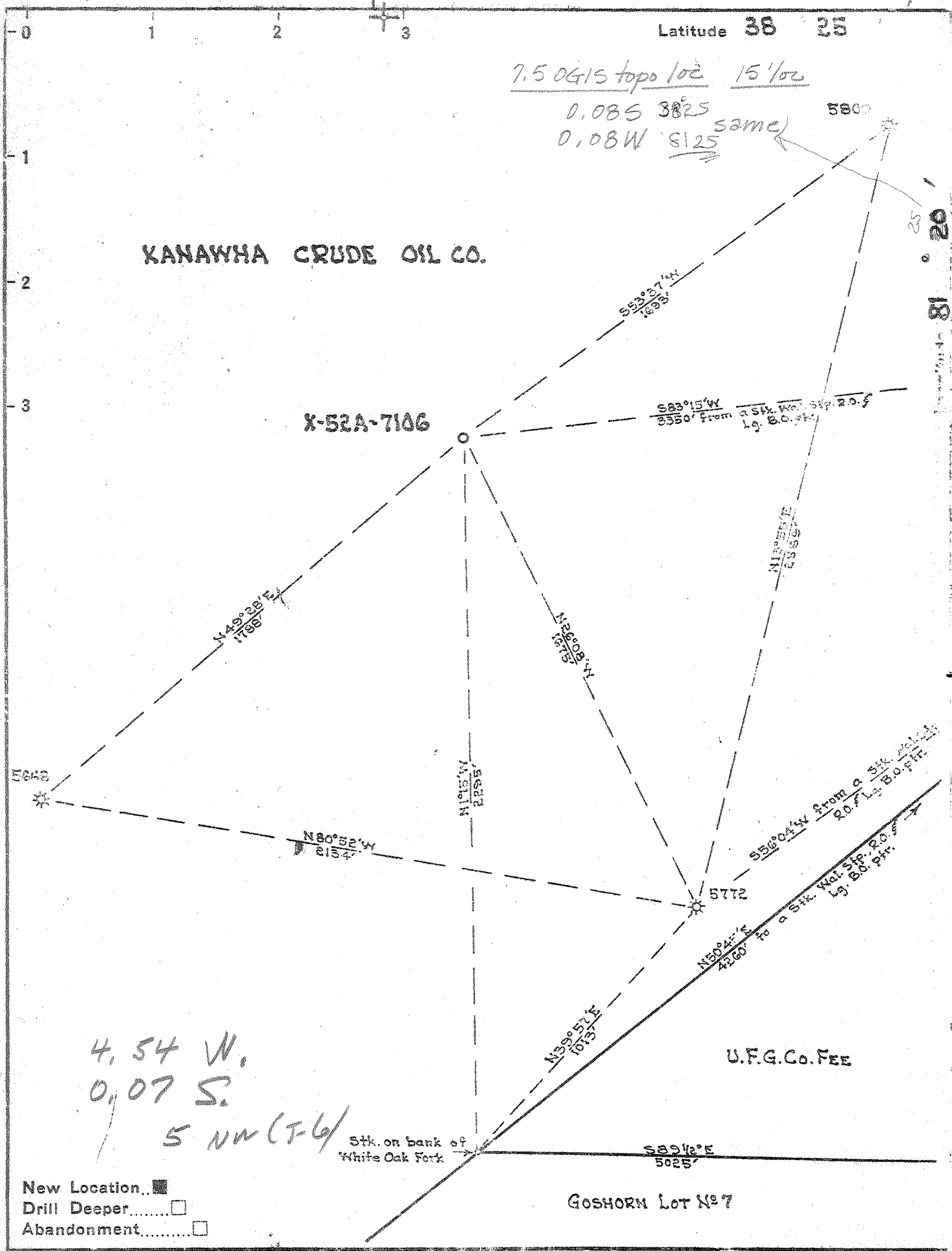
05/11/2012

DRIVING DIRECTIONS  
I-79 to exit 9 (Elkview) 37-15463  
East on Rt 43 to 4-way intersection  
Turn left (N) on US 119  
1.2 mi turn right on Blue Creek Rd (Rt 57)  
Cross bridge - straight thru intersection  
Continue 4.25 mi on Blue Creek Rd  
Turn left on Schrader Mt. Rd  
0.3 mi well on left beside of road

Coco A storage well 7106  
Reclamation Plan 1 of 2 (overview)



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Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W.VA.  
 Farm KANAWHA CRUDE OIL CO.  
 Tract \_\_\_\_\_ Acres 914. Lease No. 881  
 Well (Farm) No. 27 Serial No. X-52A-7106  
 Elevation (Spirit Level) 827.56  
 Quadrangle CLENDENIN - C  
 County KANAWHA District ELK  
 Engineer \_\_\_\_\_  
 Engineer's Registration No. 662  
 File No. 72-63 Drawing No. \_\_\_\_\_  
 Date 10-12-50 Scale 1"=400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1546

+ 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.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Permit No. KAN-1546

Company United Fuel Gas Co.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Kanawha Crude Oil Co. Acres 914  
Location (waters) Blue Creek  
Well No. X-52A-7106 Elev. 827.56  
District Elk County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Kanawha Crude Oil Co.  
Box 1113 Address Charleston, W. Va.  
Drilling commenced 8-28-50  
Drilling completed 12-13-50  
Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10 1/4	887'	837'	Size of
8 1/2	1453'	1453'	Depth set
7"	5050'	5050'	
5 3/16			Perf. top
8			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
14/10ths Merc. in 7 Inch  
Volume 5,896 M-Oriskany Cu. Ft.  
Rock Pressure 700 lbs. 15 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 240,625,800 feet 390-965 feet  
Salt water 1175 feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 965 FEET 48 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	12			
Sand			12	60			
Slate			60	70			
Sand			70	105			
Slate			105	120			
Sand			120	175			
Slate			175	220	Show, Water	240'	
Sand			220	257			
Slate			257	265			
Line			265	302			
Slate			302	318			
Line			318	335			
Slate			335	395			
Line			395	420			
Slate			420	455			
Line			455	497			
Slate			497	510			
Broken Line			510	575			
Slate			575	612	Water	625'	1/2 bailer per
Line			612	645			
Slate			645	680			
Line			680	705	Water	800'	hole full
Sand			705	965	Water	390-965	3 bailers per
Coal			965	969	Show, Gas	1004'	
					Water	1175'	hole full
Sand			969	1225			
Slate			1225	1236			
Red Rock			1236	1265			
Slate & Shells			1265	1310			
Line			1310	1339			
Slate			1339	1346			
Line			1346	1370			
Slate			1370	1375			
Line			1375	1407			
Slate			1407	1412			
Line			1412	1421			
Slate			1421	1426			

(Over)

DEEPWELL

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1426	1436			
Slate			1436	1438	Show, Gas	1497'	
Big Lime			1438	1590			
Injun Sand			1590	1605			
Red Rock			1605	1612			
Gritty Lime			1612	1625	Gas	1635-1650	Weir 110/10 2" 442 M
Weir Sand			1625	1830			
Slate & Shells			1830	2010			
Lime			2010	2073			
Slate & Shells			2073	2420			
Lime			2420	2580			
Slate & Shells			2580	3185			
Brown Shale			3185	3215			
Lime			3215	3425			
Slate & Shells			3425	3625			
Brown Shale			3625	3655			
Slate & Shells			3655	3750			
Brown Shale			3750	4018			
White Slate			4018	4480			
Brown Shale			4480	4840			
White Slate			4840	4900			
Brown Shale			4900	5015			
Corniferous Lime			5015	5130	Gas	5139-5154,	Oriskany, 14 Merc. 7" 23# 5,896 M
Oriskany Sand			5130	5155			
Total depth				5155'			
					NOT SHOT		
					FINAL OPEN FLOW - 5,896 M - Oriskany		
					15 Hr. R.P. 700#.		
					Shut in 12-13-50 in 7" Casing.		

Date March 5, 19  

APPROVED UNITED FUEL GAS COMPANY, Or

By *J. W. Moore*  
(Title)  
Chief Engineer