





(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Elk

Estimated depth of completed well 5100' feet. Rotary X / Cable tools    /  
Approximate water strata depths: Fresh, 110 160 feet; salt, N/A 400 feet.  
Approximate coal seam depths: N/A  
Is coal being mined in this area: Yes    / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS Kinds
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	10 3/4			X		180'	180	CTS	Kinds
Fresh water									
Coal									Sizes
Intermed.	7			X		1008'	1008'	To fill as required	
Production	4 1/2			X			5100'	510 SX	Depths set
Tubing								or as req by rule 15.01	Perforations:
Liners									Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**

**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**

**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**

**APPROVED FOR** drilling **. THIS PERMIT SHALL EXPIRE**

**IF OPERATIONS HAVE NOT COMMENCED BY** 1-17-83 **.**

**BY** [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator    / owner    / lessee    / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations. 04/19/2024

Date: \_\_\_\_\_, 19\_\_\_\_.


By: \_\_\_\_\_


Its: \_\_\_\_\_



ATTACH OR PHOTOCOPIED SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE Schultz 7.5'

LEGEND












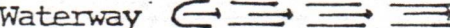
Well Site 

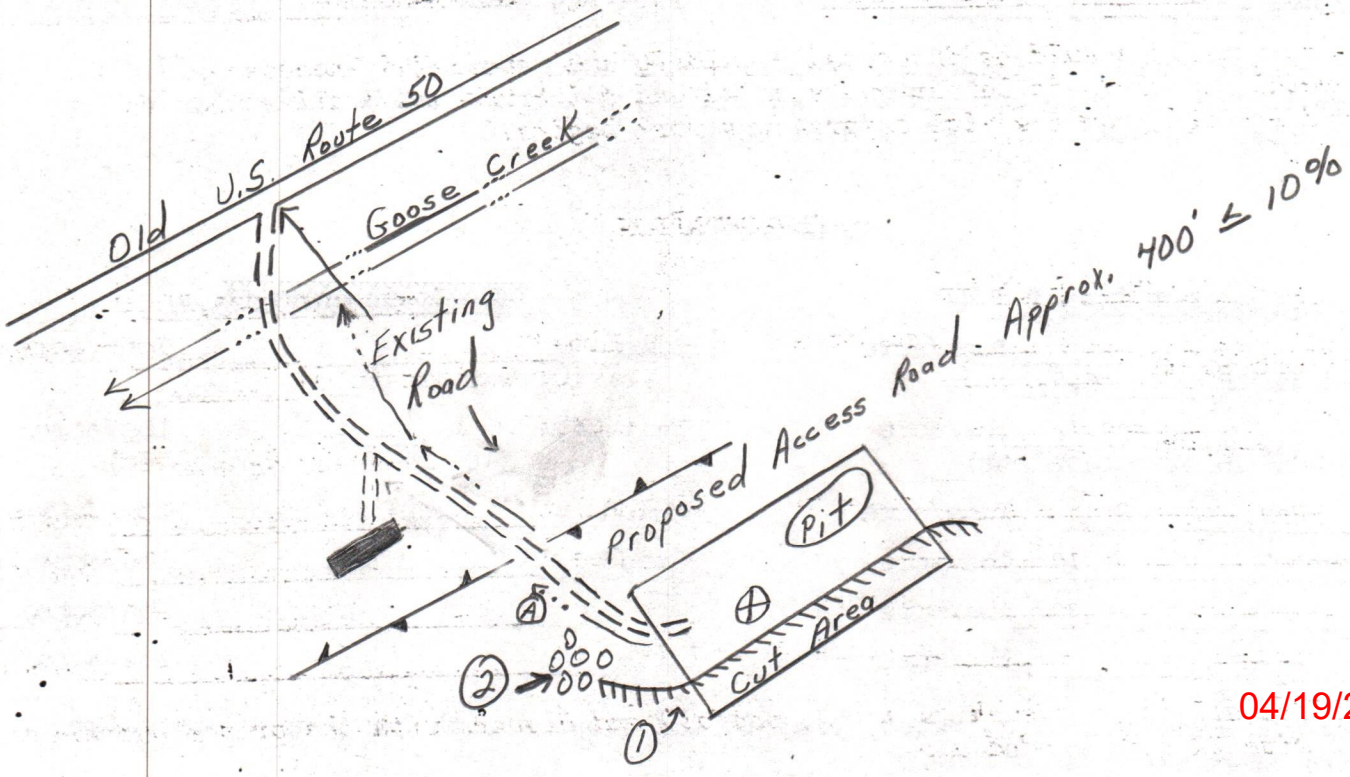
Access Road 

WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



04/19/2024





DATE April 27, 1982

WELL NO. 3

State of West Virginia

API NO. 47-085-5622

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Appco Oil & Gas Corp.

DESIGNATED AGENT Richard H. Brumbaugh

Address P.O. Box 14348, Orlando, Fla. 32807

Address 212 Court St., P.O. Box 139, Spencer W.V.

Telephone 305-671-9671

Telephone 304-927-1670

LANDOWNER Bobby G. & Sharon L. Smith

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Appco Oil & Gas Corp.

(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-6-82

(Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch

(A)

Structure Diversion Ditch (1)

Spacing \_\_\_\_\_

Material Earthen

Page Ref. Manual 1:11

Page Ref. Manual 1:11

Structure \_\_\_\_\_

(B)

Structure Sediment Barrier (2)

Spacing \_\_\_\_\_

Material Brush or Stone

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual 1:15

Structure \_\_\_\_\_

(C)

Structure \_\_\_\_\_ (3)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I & II

~~Treatment Area III~~

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch \_\_\_\_\_ Tons/acre

Seed\* Crownvetch 10 lbs/acre

Seed\* \_\_\_\_\_ lbs/acre

Ky-31 30 lbs/acre

\_\_\_\_\_ lbs/acre

\_\_\_\_\_ lbs/acre

\_\_\_\_\_ lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

04/19/2024

PLAN PREPARED BY Smith Land Surveying

ADDRESS 111 South Street

Glenville, W. V. 26351

PHONE NO. 304-462-5634

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.





04/19/2024

PIKE (U.S. ALT. 50) 3.6 MI  
ELLENBORO 5.6 MI

4346  
4347  
4348  
4349  
1730'



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WV DEPARTMENT OF MINES

04/19/2024



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

20 .39 Perforations from 4813 to 4852

Foam frac with 25m lbs. 20-50 mesh sand, 1 MMCF nitrogen, and 187 barrels of fluid

Isip 1600 psi  
5 min. sip 1450 psi

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Surface casing				1126	
Permian and Pennsylvanian			Surface	1724	Salt sands 1305-1535
Maxton Stray			1591	1612	Slight show of gas
Maxton			1700	1718	Slight show of oil and gas
Greenbriar Limestone and Limey Sandstone			1724	1790	
Keener Sandstone			1797	1821	
Big Injun Sandstone			1845	1939	Show of oil and gas
Berea Sandstone			2299	2305	Poorly developed
Gordon Sandstone					Poorly developed
Tiona			3499	3524	Show gas
Speechley-Balltown Interval			3596	3933	Show of oil and gas
Riley Interval			4112	4158	
Benson Interval			4812	4853	Show of oil and gas

(Attach separate sheets as necessary)

Appco Oil & Gas Corporation

Well Operator

By: Benjamin Smeltzer

04/19/2024

Date: August 19, 1982

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."





Date August 18, 1982

**RECEIVED** State of West Virginia

Operator's  
Well No. 3

AUG 31 1982

Department of Mines  
Oil and Gas Division

Farm Bobby G. & Sharon L. Smith  
API No. 47 - 085 - 5622

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES  
WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection     / Waste Disposal     /  
(If "Gas," Production X / Underground Storage     / Deep     / Shallow X /)

LOCATION: Elevation: 918 KB Watershed Goose Creek  
District: Grant County Ritchie Quadrangle Schultz 7.5

COMPANY Appco Oil & Gas Corporation

ADDRESS 100 S. Orange Ave. S.-909 Orl. Fla. 32801

DESIGNATED AGENT Richard H. Brumbaugh

ADDRESS 212 Court Street P.O. Box 139 Spencer, W. Va. 25276

SURFACE OWNER Bobby G. & Sharon L. Smith

ADDRESS Rt. 6 Box 1146 Park. W. Va.

MINERAL RIGHTS OWNER Bobby G. & Sharon L. Smith

ADDRESS Rt. 6 Box 1146 Park. W. Va.

OIL AND GAS INSPECTOR FOR THIS WORK    

Deo Mace ADDRESS Rt. 1 Box 65 SandRidge, WV

PERMIT ISSUED May 14, 1982

DRILLING COMMENCED May 18, 1982

DRILLING COMPLETED May 25, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON    

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	187'	176'	To surface 100SKS Class A
9 5/8			
8 5/8			
7	1145'	1132'	To surface 190SKS Class A
5 1/2			
4 1/2	5030'	4900'	To 1789' 270SKS POZ
3			
2-3/8"	N/A	4779.85	
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale (Benson) Depth 5,000 feet

Depth of completed well 5030 feet Rotary X / Cable Tools    

Water strata depth: Fresh 110' ± feet; Salt Unknown feet

Coal seam depths: Unknown Is coal being mined in the area? X

OPEN FLOW DATA

Producing formation Benson Member (Devonian Shale) Pay zone depth 4813-4854 feet

Gas: Initial open flow 672 Mcf/d Oil: Initial open flow Trace Bbl/d

Final open flow 407 Mcf/d Final open flow 2 Bbl/d

Time of open flow between initial and final tests     hours

Static rock pressure 1100 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

04/19/2024

Second producing formation     Pay zone depth     feet

Gas: Initial open flow     Mcf/d Oil: Initial open flow     Bbl/d

Final open flow     Mcf/d Oil: Final open flow     Bbl/d

Time of open flow between initial and final tests     hours

Static rock pressure     psig (surface measurement) after     hours shut in

R/T: 5622



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

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MAY 27 1982

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-8622

Oil or Gas Well \_\_\_\_\_  
 (KIND)

Company <u>Cypco O &amp; G</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>B. Smith</u>	16			Kind of Packer _____
Well No. <u>3</u>	13			
District <u>Grant</u> County <u>Pit</u>	10			Size of _____
Drilling commenced <u>6-18-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Carl Smith

Remarks: \_\_\_\_\_

6-18-82

DATE

W. J. Mac

04/19/2024

DISTRICT WELL INSPECTOR







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

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DEC 6 - 1983

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 095-5622

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Appco Oil & Gas Co.  
 Address \_\_\_\_\_  
 Farm Bob & Sharon Smith  
 Well No. 3#  
 District Grant County Ritchie  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Status Report  
visit location for final inspection  
Reclamation not satisfied, I will get in touch  
with operator

12-2-83  
DATE

Nick Underwood  
 04/19/2024  
 DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**

DEC 28 1983

OIL & GAS DIVISION  
 DEPT. OF MINES

Permit No. 085-5622  
 Company APCO OIL GAS Co.  
 Inspector MIKE U.  
 Date 12-19-83

County Ritchie/Grant  
 Farm BOBBY & SHARON SMITH  
 Well No. THREE

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	—	—
25.04	Prepared before Drilling to prevent waste	—	—
25.03	High-Pressure Drilling	—	—
16.01	Required Permits at wellsite	—	—
15.03	Adequate Fresh Water Casing	—	—
15.02	Adequate Coal Casing	—	—
15.01	Adequate Production Casing	—	—
15.04	Adequate Cement Strength	—	—
23.02	Maintained Access Roads	—	—
25.01	Necessary Equipment to prevent Waste	—	—
23.03	Reclaimed Drilling Site	X	—
23.04	Reclaimed Drilling Pits	X	—
23.05	No surface or underground Pollution	—	—
7.03	Identification Markings	X	—

COMMENTS:

O.K. to RELEASE

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED:

Mike Underwood

DATE:

12-19-83

04/19/2024



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DEC 20 1923

OIL & GAS DIVISION

DEPT. OF MINES

04/19/2024





State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 Charleston 25305

WALTER N. MILLER  
 DIRECTOR

THEODORE M. STREIT  
 ADMINISTRATOR

January 11-1984

Appco Oil & Gas Corporation  
 P.O. Box 14343  
 Orlando, Florida 32807

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5243-REV	Bobby & Sharon Smith # 1A	Grant
RIT-5244	Bobby & Sharon Smith # 2	Grant
RIT-5396	Vera Langon # 1	Clay
RIT-5622	Bobby & Sharon Smith # 3	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit, Administrator  
 Dept. Mines-Office of Oil & Gas

TMS/rl

cc: John Griffin, No. Towne Sq. Suite 9-B - 3501 Emerson Ave. Pksb. 26104

04/19/2024