FORM IV-2 (Reverse) (12-81)

PROPOSED WORK ORDER

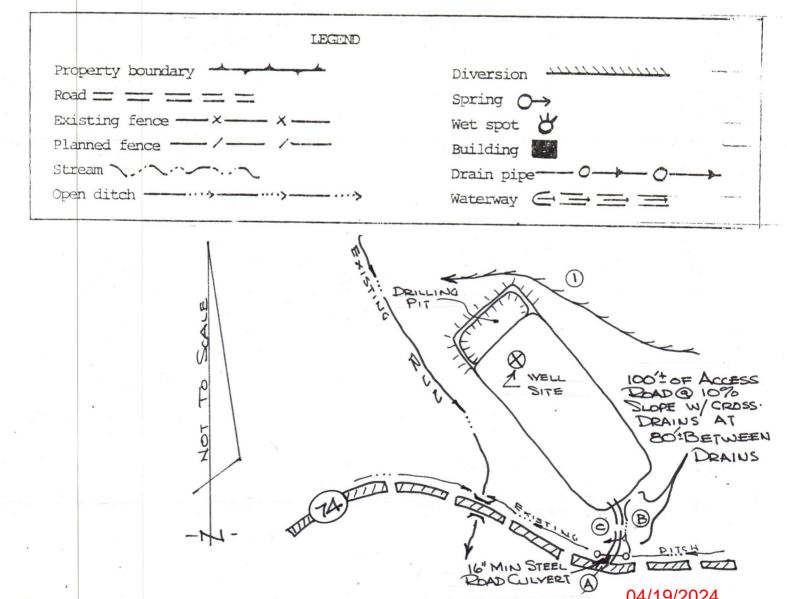
THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CO	ONTRACT	TOR (IF	KNOWN)	Ţ	Jnknown			
				Ad	dress	100			
GEOLOGICAL	TARGE	T FORM	IATION,			Alexander	r/Fox		
Estimate	d depth	of comple	eted well	l,		5900 fee	t Rotary	X/ Cabl	e tools/
Approxim	mate wate	er strata	depths:	Fres	n,	9 0 feet;	salt,	feet.	
Approxim	mate coal	seam de	pths:	NO C	OAL	Is coal	being mined	in the area? Yes	/ No/
CASING AND	TUBING	G PROGE	RAM.						
CASING OR TUBING TYPE		CIFICATI Grade	ONS Weight per ft	New	Used		NTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Sanduatas	11 2//	" H-40	1. 2 H		X	120	120	CT5	Kinds
Conductor	11-3/4	п-40	4211		A	, 20			
Coal								***************************************	Sizes
Intermediate	0 5/9	" J-55	23#	X		300	300	Circulate	
Production		y 3-55				5800	5800	FOR SKE OF	Chepthes:0(
	4-1/2	3-33	10.511	21		3000		13.3	
Tubing					1				Perforations:
Liners	-							3	Top Bottom
				-	1				
		-	-	1-					
pres ''Re prev Cod	cribed by clamation viously pai e §22-4-8	Plan'', a d on the sa from the	ion 12, or applicable same well he owner	to the of a	he recipe recipie	lamation required by Code ter well or dwe	red by Code \$ § 22-4-12a, and elling within 20	wed by Code § 22-4-22-4-12b and Regulat (v) if applicable, the confect of the propose well where fracturing	ion 23, (iv) unless onsent required by d well.
be p	separate part of the	work for	which a p	permi	is sou	ght and is note	d as such on the	Form IV-2 filed in co	nnection therewith.
THIS PERM	IT MUST	BE POST	ED AT T	HE V	/ELL S	ITE CHAPTER	22,		
ALL PROV	ISIONS I	BEING IN	ACCO	(0)	47	ION IS HEREB	Υ		
ADTICLE A	OF THE	W. VA.	CODE		DI	DANT SHALL	EXPIR		
APPROVE	D FOR	drilli	ng	AAFNO	CED BY	ERMIT SHALL			
	TIONS H	AVENE) COM	5			-		
BY									
			•••••	• • • • •	••••		• • • • • • • • • • • • • • • • • • • •		
Th	ne followin	ng waiver under Co	must be o	compl 4-20,	eted by	the coal operate permit is to b	tor and by any c e issued withir	oal owner or coal lesse fifteen (15) days of	ee who has recorded a receipt thereof.
						WA	AIVER		
proposed w	ell location	n. If a min	ne map extion to the	xists v	vhich o	covers the area posed to be do	of the well locat	ion, the well location lion, provided, the we	well location has examined this has been added to the mine map ll operator has complied with al
			N (<u>C</u>	0 A	L			
				0			Ву		
Date:			, 1	9					

Its___

WELL SITE PLAN

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



Comments: Access to the well site will be gained by constructing approximately 100 feet of new access road, beginning at a junction point in the Ritchie County Route 74. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Under most conditions, the preceeding plan will be followed; however, due to lease restrictions, surface owner request and weather conditions, etc., the plan may be altered. Subsequently, the proper erosion and sediment control measures will be installed.

Any mosor alteration in this plan will be submitted to the

District for heviou





DATE	May	4, 1982	
WELL	NO	WK-70	1

State of Mest Mirginia API NO. 47 - 085

Bepartment of Mines Bil and Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME IN THE PROPERTY OF THE PROPERTY O	-	
COMPANY NAME Kepco, Inc. 436 Blvd. of the Allies		SIGNATED AGENT E. L. Stuart P. O. Box 1550
Accidess Pittsburg, PA 15219		Clarksburg, WV 26301
Telephone 412-471-7600		Telephone 304-624-6576
LANDOWNER H. K. Haymond, Jr.		SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by		E. L. Stuart (Agent)
This plan has been reviewed by	Little	Kanawha SCD. All corrections
and additions become a part of this pla	n: <u>3</u>	
	1	(Date)
	Yar	(SCD Agent)
ACCESS ROAD 16" Min. Steel		LOCATION
Structure Road Culvert	(A)	Structure Diversion Ditch (1)
Spacing As shown on sketch		Material Earth
Page Ref. Manual 2-7 to 2-8		
2-1 10 2-0		Page Ref. Manual 2-12 to 2-13
Structure Drainage Ditch	(B)	Structure (2)
Spacing As shown on sketch		Material MEGETVED
Page Ref. Manual 2-12 to 2-14		Page Ref. Manual MAY 18 1982
Structure Cross Drains	(C)	Structure OIL AND GAS DIVISION (3)
Spacing As shown on sketch		Material
Page Ref. Manual 2-1 to 2-4		Page Ref. Manual
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked and	all brush and small timber to be
R	EVEGETATION	И
Treatment Area I		Treatment Area II
Lime 3.0 Tons/acr	e	Lime 3.0 Tons/acre
or correct to pH 6.5		or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)		Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acr	е .	Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre		Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdfoot Trefoil 10 lbs/acre		Birdfoot Trefoil 10 lbs/acre
Dom. Rye Grass 10 lbs/acre		Dom. Rye Grass 10 lbs/acre
*Inoculate all legumes such as vetch Inoculate with 3X recommended amount.		PARED By Mountain State Environmental Serv.
NOTES: Please request landowners'		
cooperation to protect new seedling for one growing season.		ADDRESS 102 S. Fourth Street Clarksburg, West Virginia 26301
Attach separate sheets as		Appropriate the second
necessary for comments.	PHO	ONE NO. 304/624-9700, 842-3325

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FORM IV-35
(PEVERSE)
```

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

5573'-5743' 40 holes - avg. pres. 3100 psi, avg. rate 25 BPM 5003'-5013' 41 holes - avg. pres. 2500 psi, avg. rate 30 BPM Perfs:

4711'-4715' 17 holes 4336'-4369' 20 holes avg. pres. 2400 psi, avg. rate 30 BPM

Fractured 10-28-82 Halliburton

1st stage -20,000 1bs. 20/40 2nd stage -20,000 1bs. 20/403 stage frac job

3rd stage - 27,500 lbs. 20/40

500 gal. 15% HCl, WG-12, KCl, 15-N, Nitrogen

WELL LOG

	pt - 100	19/18	REMARKS	4.
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of a	11 fresh
	26 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		and salt water, coal, oil	and gas
Clay and topsoil	0'	30'	No water reported	
Sand and sandy shale	30'	110'		
Sand and shale	110'	600'	Tops from geophysical	Mary Carry Co.
Red rock and shale	600'	620'	logs	1900
Shale and sandy shale	620'	932'		Age.
Big Dunkard	932'	950'		
Sand, shale and sandy shale	950'	1200'		
Salt sand	1200'	1376'		
Shale	1376'	1503'		
Sand	1503'	1558'		
Shale	1558'	1628'		7
Maxton	1628'	1652'		driv.
Shale	1652'	1668'		1
Little Lime	1668'	1687'		
Shale	1687'	1696'	190	and the second
Big Lime	1696'	1774'		A. T.
Big Injun	1774'	1900'		
Shale	1900'	2052'		
Gantz	2052'	2218'		
Sandy shale and shale	2218'	2397'	. 1	
Gordon	2397'	2478'		
Sand, shale and sandy shale	2478'	2660'		
5th	2660'	2699'		
Sandy shale and shale	2699'	2781'		
Bayard	2781'	2875'		
Sandy shale and shale	2875'	3182'		
Speechley	3182'	3273'		
Sandy shale and shale	3273'	3521'		
Balltown	3521'	3638'		
Sandy shale and shale	3638'	4019'		
Bradford	4019'	4058'		
Sandy shale and shale	4058'	4334'		
Riley	4334'	4392'		
Shale and sand	4392'	4704'		
Benson	4704'	4741'		
Shale	4741'	4960'		
Alexander	4960'	5024'		
Shale	5024'	5572'		
Devonian Shale	5572	5751		
Sandy shale and shale	5751'	5925'		
TD		araté 93 Reets		

KEPCO, INC. Well Operator

04/19/2024

OPERATIONS MANAGER 12/1

Date: 11-29-82

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 that, encountered in the drilling of a well."

IV-35 (Rev 8-81) RECEIVED Mest Birgin

	B	None Hand	ri.	Date	Novem	ber	22,	1982	
				Opera	ator's				
orte	nf	Mest	Birginia	Well	No.	W	K-70		
			(- 7)						

JAN 2 7 1983

Bepartment of Mines

OIL AND GAS DIVISION Oil and Gas Bivision WY DEPARTMENT OF MINES

Farm Harvey K. Haymond

API No. 47 - 085 - 5632

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

THE ATTION : FIEVATION: 939 5' WALELSHED	** 11	D		
	Haddox		Donnaha.	7 5!
District: Clay County Rite	chie	Quaurangre	Pennsbo	10 7.5
COMPANY Kepco, Inc.				
ADDRESS 436 Blvd. of the Allies Pittsburgh, PA 15219	Casing	Used in	Left	Cement
DESIGNATED AGENT E. L. Stuart	Tubing	Drilling		fill up Cu. ft.
ADDRESS P.O. Box 1550 Clarksburg, WV 26301	Size			00. 20.
SURFACE OWNER Harvey K. Haymond	20-16	201	201	10 1
ADDRESS W.Va. Sec. Rt. 74 Pennsboro, West Virginia 26415	Cond.	30'	30'	10 sks
MINERAL RIGHTS OWNER Harvey K. Haymond	13-10*			
ADDRESS W.Va. Sec. Rt. 74 Pennsboro, West Virginia 26415	9 5/8	-		225 sks BO
OIL AND GAS INSPECTOR FOR THIS WORK Sam Rt. 1 Box 65	8 5/8	1219'	1219'	100 sks CI
Rt. 1 Box 65 Hersman ADDRESS Sandridge, WVa 25274	7	 		
PERMIT ISSUED 5-18-82	5 1/2			360 sks
DRILLING COMMENCED 10-16-82	4 1/2	5820'	5820'	pozmix
DRILLING COMPLETED 10-22-82	3	-		
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		5574'	
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners		4.13	
REWORKING. VERBAL PERMISSION OBTAINED ONN/A	used			
	-			section with the
GEOLOGICAL TARGET FORMATION Elk		Dep		
Depth of completed well 5925 feet				
Water strata depth: Fresh Recorded feet;				
Coal seam depths: None reported	_ Is coal	being min	ed in the	area? No
OPEN FLOW DATA Devonian shale; Alex	ander.		5573',5	003'
Producing formation Benson; Riley				
Gas: Initial open flow 0 Mcf/d	Oil: In	itial open	flow_	1 Bbl/d
Final open flow 1007 Mcf/d	Fir	nal open f	low	1 Bbl/d
Time of open flow between in	itial and f	inal tests	h	ours
Static rock pressure 1500 psig(surfa	ace measure	ment) afte	r 48 hou	urs shut in
(If applicable due to multiple completion	on)		04/19	9/2024
Second producing formation	Par	y zone dep		-
Gas: Initial open flow Mcf/d				
Final open flowMcf/d	The second secon			
Final open flowMcf/d Time of open flow between in		inal tests	h	ours

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

OCT 22 1982 OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Company Repect Company Repect Size Casing and Tubing Used in Well Address Size	PACKERS
2/ 1/ 1/ 1	
Size Size	Kind of Packer
Well No. W.K70	en de la companya de
0.40	Size of
654	
5 3/16	Depth set
3P	Perf. top
Deth of shot	Perf. bottom
nitial open flow/10ths Water inInch Liners UsedP	erf. top
pen flow after tubing/10ths Merc. in Inch P	erf. bottom
olumeCu. Ft. CASING CEMENTEDSIZE	No. FT. Date
	Date
24 and 91	ETINCHES
ach water	ETINCHES
144	
arl C. Smith Pet. clac. Rig # 6 gripping	sher
Ran 28 Joint - total at 1200 1 1200	- in
1 -00 70 7 0 -	- carrens
Plug Down at 10:15 A.M.	

10-18-82 BATE

DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No	We	II No				
OMPANY			ADDRESS			
FARMCOUNTY						
illing Material Used						
iner Loc	ation	Amount	Packer	Location		1
PLUGS USED A	ND DEPTH PLACED		BRIDGES	(3.14	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			30000			
		•			372832	
				1.		
	gradient state of		The Land of the second			
marks:						
	and the second					
	I herebu cartifu I w		ve well on this date.			
DATE	vertily I v	isited the ano	ve wen on this date.		0.0	0.1
					04/19	/2024

DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OCT 28 1982

INSPECTOR'S WELL REPORT OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Permit No. 85-563				Oil or	Gas Well
Company Repco de	Inc.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address		Size		- 1 m s av	Land the same of the
Farm Harvey H	Haymond	16			Kind of Packer
Well No. W-K-70	AND THE RESERVE THE SECOND SEC	13	2 2 2 2 2		
District Clay	County Eitelie	81/4		ST TO ST WAR	Size of
Drilling commenced		6%			Depth set
rilling completed	Total depth	5 3/16			
	Depth of shot	3			Perf. top
	/10ths Water inInch	Liners Used			Perf. bottom
	/10ths Merc. inInch				Perf. bottom
lume	Cu. Ft.				No. FTDate
ck pressure	lbshrs.	NAME OF SERV	ICE COMPAN	Y	
24' and	bbls., 1st 24 hrs.	COAL WAS ENC	OUNTERED A	T	FEETINCHES
water	_feetfeet	FEET_	INCHE	S	FEETINCHES
ater	feetfeet				FEETINCHES
ders' Names William	nBurd-9 Do				
el E. Smith	Byrd - H. Bres	#1	t Do	yd-0	. Wagoner
arks: Pi	Pet. clue. Rig t to Full = H	ruling Pi	I water	auren	liam Weekley
	31'foot deep at			7	
7/3	2 1 1 11 11 1				

10-21-82

Samuel M. 24/19/2024
DISTRICT WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	I No	
COMPANYADDRESS						
'ARM		DISTRICT.	C	OUNTY		
illing Material Used						
	eation	Amount	Packer	Location		
	ND DEPTH PLACED	72.1304.16				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	BRIDGES CONSTRUCTION—LOCATION		G AND TI	
CEMBRITIRICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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	4.87					
		we conceived .				
				100000000000000000000000000000000000000		
illers' Names	1	The second second		7		
marks:						
		A Company				
	I hereby certify I v	isited the above	a mall on this date			

04/19/2024

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT OIL & GAS DIVISION DEPT. OF MINES

Permit No. 85-56.	32				Gas Well
Company Repeo,	elne.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size			
Farm Harney H.	Haymond	16			Kind of Packer
Well No. WK-70	The second secon	13			Size of
District Clay	County Pitchio	81/4			5126 01
Drilling commenced		65/8			Depth set
Drilling completed	Total depth	5 3/16			
	Depth of shot	3			Perf. bottom
Initial open flow	/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing	/10ths Merc. inInch				Perf. bottom
Volume	Cu. Ft.	CASING CEMEN	NTED	_SIZE	No. FTDate
Rock pressure	lbshrs.	NAME OF SER	VICE COMPA	NY	
0:1	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHES
Fresh water	feetfeet	FEET_	INCHI	ES	FEETINCHES
Salt water	feetfeet	FEET_	INCHI	ES	FEETINCHES
Drillers' Names					
	Stah	es Repor	A		
Reed son	ien reclaimed o	to grow, E	Roll -	Pitres API#	Claimed on well Read
can	not release at	Kis timo			

5-6-83

Samuel M. HONTON WELL INSPECTOR

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

We	ell No	
COUNTY		
Location		
	NG AND TU	
RECOVERED	RECOVERED SIZE	
		,
	Begrape distribution printing consultance exceedings and	

04/19/2024 CTO

N. 085 5632

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES





Final

INSPECTOR'S WELL REPORTIL & GAS DIVISION DEPT. OF MINES

			Oil or Gas Well			
Company Kep	lo, INC.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS	
Address		Size		, Allegan and		
Farm Harvey	K. Haymond	16	3.		Kind of Packer	
Well No. u k	- 70	13			Constitution of the state of th	
	0-1	10			Size of	
hstrict 4 a y	County R. Tchil	81/4	ACCOUNTS OF SAME			
Orilling commenced		65%			Depth set	
rilling completed	Total depth	5 3/16				
		3			Perf. top	
Date shot	Depth of shot	_ 2			Perf. bottom	
nitial open flow	/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing_	/10ths Merc. inInch		¥4.4.4.1		Perf. bottom	
/olume	Cu. Ft.	CASING GENERAL	rae grangine e are	ri serias e ree la ricia de seria. Pri		
and the second of the	lbshrs.				No. FTD:	
	bbls., 1st 24 hrs.				The second secon	
					FEETINCH	
	feetfeet		INCHE	S	FEETINCHE	
t water	feetfeet	FEET_	INCHE	S	FEETINCHE	
illers' Names					3,817	
marks:						
04	To Role	25 4				
	, 0					

04/19/202

DATE

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.	1 73 21 2 1		· · · · · · · · · · · · · · · · · · ·	We	II No			
COMPANY			ADDRESS			Marie Control of the Control		
FARM	COUNTY							
Filling Material Used.						Was to the		
Liner Location PLUGS USED AND DEPTH PLACED		Amoun	Packer	Location				
			BRIDGES	CASING AND TUBING				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
	2.							
						1		
				(1)	- y***	2.77 27		
Jakan Barana			ev e de la companya de seven	× 15		A		
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	71	S CONSTRU	6-32/			25.08935 A		
						value of a		
	ts.							
rillers' Names			The second second second second			The state of the state of		
Remarks:								
				*.				
	I house	minited at 1						
DATE	i nereby certify I	visited the ab	pove well on this date.					



State of West Virginia Bepartment of Mines (Pil and Gas Bivision Charleston 25305

THEODORE M. STREIT ADMINISTRATOR

WALTER N. MILLER DIRECTOR

August 12, 1983

Kepco, Inc. 420 Blvd. of the Allies Pittsburgh, Pa. 15219

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:

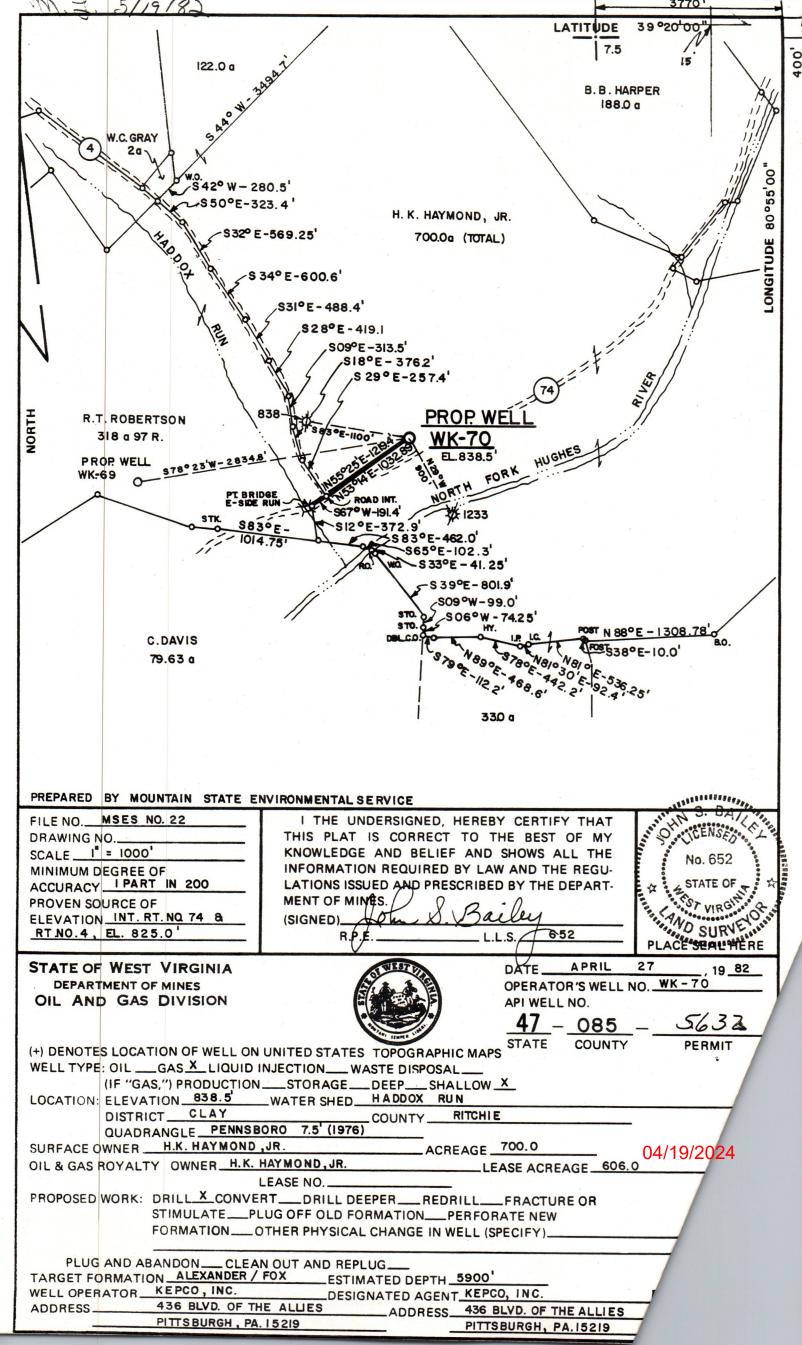
PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT		
RIT-5631 RIT-5632 RIT-5828 RIT-5966 RIT-5967 RIT-5968 RIT-6049 RIT-6070 RIT-6070	Richard "TEX" Robertson, #WK-69 Harvey K. Haymond, #WK-70 Lewis F. Pierce, et ux, #WK-98 Billy B. Harper, #WK-164 Billy B. Harper, #WK-165 Harvey K. Haymond, Jr., #WK-166 Harvey K. Haymond, Jr., WK-178 Harvey K. Haymond, Jr., WK-179 R. T. Robertson, #WK-206 Harvey K. Haymond, Jr., #WK-207	Clay Clay Clay Clay Clay Clay Clay Clay		

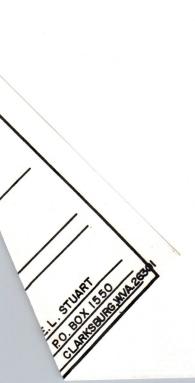
In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have seen approved....

ery truly yours,

heodore M. Streit, Administrator ffice of Oil & Gas-Dept. Mines

04/19/2024





04/19/2024