

6-6 Smithton- Flint- Sedalia





OIL & GAS DIVISION DEPT. OF \$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\}\exitt{\$\text{\$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\}\exitt{\$\text{\$\text{\$\text{\$\tex

Sign of Manager Manage

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division WELL RECORD (

Quadrangle Centerpoint

	Rotary	Oil
Spend	Cable_X	Gas X B NOLL
	Recycling	Comb
4.2	Water Flood	Storage
	Disposal	(Kind)

Permit No. <u>DO</u>	and the second second					Disposal_	(Kind)
Company_RAM	<u>CO Oil 8</u>	Gas Corp.	45-714	Casing and	Used in	Lest	Cement fill up
Address P. O.	. Box 99,	Belpre, Ohio	45/14	Tubing	Drilling	in Well	Cu. ft. (Sks.)
armlames	R_Boyce	Acr	es	- W			-
ocation (waters)	Big Batt	le Run	* ^ ====	Size			
Vell No	3.5	Ele:	v105/	20-16			
		_ County_ Dod		Cond.	4501	4501	
he surface of tra	act is owned	d in fee by		<u>**-10"</u>	458'	458'	
	kman			9 5/8	758'	758'	150 sks.
		W. Va.		8 5/8	 	/ / / / /	- IJU SKS.
lineral rights are	owned by_	James R. Bo	yce Heirs	7 - 1/0	1210'	_	
		<u>interpoint, W</u>		5 1/2		01241	- (0)
rilling Commend	ced	/72		4 1/2		2134'	60 sks.
rilling Complete	d 12/1	2/72	-	3			
nitial opén flow	_show_	cu. ft	bbls.	2			
inal productions	370,000/	cu. ft cu. ft per day	bbls.	Liners Used			
Vell open	24	hrs. before test_	470* RP.		<u> </u>	_	
Perford	<u>ited -/ 207</u>	1' to 2081'/-	14 holes.	·····			
	The control of the co	no meningani dikentengan pengangan di didakan			70 A 12		
Coal was encoun Fresh water Producing Sand	tered at	712' to 718'	Feet	Salt V	72" Incl Water	nes to 20801	Feet
Coal was encoun Fresh water Producing Sand Formation	tered at	712' to 718'	Feet Top Feet	Salt V Depti	72" Incl Water	to 2080'	Feet** * Remarks
Fresh water Producing Sand.(Formation	Big Injun	712' to 718' Fe Hard or Soft	Top Feet	Salt V Depti	Water n2072'	to 2080'	
Formation	Big Injun	712' to 718' ————————————————————————————————————	Top Feet	Bottom Feet	Water n2072'	to 2080'	
Formation lay	Big Injun	712' to 718' Fe	Top Feet 0 20	Bottom Feet 20 120	Water n2072'	to 2080'	
Formation lay ed Rock hale	Big Injun	712' to 718' Fe Hard or Soft Soft Soft	Top Feet 0 20 120	Bottom Feet 20 120 300	Water n2072'	to 2080'	
Formation lay ed Rock nale andy Shale	Big Injun	712' to 718' ———Fe Hard or Soft Soft Soft Soft Soft	Top Feet 0 20 120 300	Bottom Feet 20 120 300 400	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft	Top Feet 0 20 120 300 400	Bottom Feet 20 120 300 400 560	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft	Top Feet 0 20 120 300 400 560	Bottom Feet 20 120 300 400 560 690	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Hard	Top Feet 0 20 120 300 400 560 690	Bottom Feet 20 120 300 400 560 690 712	Water n2072'	to 2080'	
Formation lay ed Rock hale ed Rock hale ed Rock hale oal	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft Soft	Top Feet 0 20 120 300 400 560 690 712	Bottom Feet 20 120 300 400 560 690 712 718	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale and	Big Injun	712' to 718' Fe Hard or Soft	Top Feet 0 20 120 300 400 560 690 712 718	Salt No. Deptil Bottom Feet 20 120 300 400 560 690 712 718 890	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale land	Big Injun	712' to 718' ——Fe Hard or Soft	Top Feet 0 20 120 300 400 560 690 712 718 890	Salt No. Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale and late hale and	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft Hard Soft Soft Hard Soft Hard	Top Feet 0 20 120 300 400 560 690 712 718 890 1050	Salt No. Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale ind	Big Injun	712' to 718' ——Fe Hard or Soft	Top Feet 0 20 120 300 400 560 690 712 718 890	Salt V Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320	Water n2072'	to 2080'	
Formation lay ed Rock hale andy Shale ed Rock hale and hale and hale and	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft Hard Soft Soft Hard Soft Hard	Top Feet 0 20 120 300 400 560 690 712 718 890 1050	Salt No. Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400	Water n2072'	to 2080'	
Formation Formation lay ed Rock hale andy Shale ed Rock hale and late hale and hale ime	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Hard Soft Soft Soft Soft	Top Feet 0 20 120 300 400 560 690 712 718 890 1050 1120	Salt V Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320	Water n2072'	to 2080'	
Formation Formation lay ed Rock hale andy Shale ed Rock hale and late hale and hale ime ihale	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard	Top Feet 0 20 120 300 400 560 690 712 718 890 1050 1120 1320	Salt No. Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400	Water n2072'	to 2080'	
Formation Formation lay ed Rock hale andy Shale ed Rock hale and late hale and hale and hale and	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard	Top Feet 0 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620	Salt No Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620 1650	Water n2072'	to 2080'	
Formation Formation lay ed Rock hale andy Shale ed Rock hale and late hale and hale and hale and hale and	Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard Soft	Top Feet 0 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620 1650	Salt No Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620 1650 1920	Water n2072'	to 2080'	
Fresh water Producing Sand.(Big Injun	712' to 718' Fe Hard or Soft Soft Soft Soft Soft Soft Hard Soft Hard Soft Hard Soft Hard Soft Hard	Top Feet 0 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620	Salt No Deptil Bottom Feet 20 120 300 400 560 690 712 718 890 1050 1120 1320 1400 1620 1650	Water n2072'	to 2080'	

(over)

^{*} Indicates Electric Log tops in the remarks section.

Formation Colo	or Hard or Soft	Top Feet (Bottom Feet	Oil, Gas or Water * Remarks
Sand Lime * <u>Big Injun</u> *Squaw Sandy Shale	Hard Hard Herd Hard Soft	2016 2050 2060 2084 2105	2050 2060 2084 2105 2149	show of gas - 2076' to 2078'
The profits of the same of the				
			. 1	
· · · · · · · · · · · · · · · · · · ·		14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		
				Processor Commence of the Comm
		200		elect. god. god. god. god. god. god. god. god
		0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	2004 2004 4 000 4 000	18 of
		04.0 06.0 06.0 06.0 06.0	2 45 0 48 0 480 0 480 0 480 0 480 0 480 0 480 0 480 0 480 0 480	tile i seini Auri seine Seconi i isaa Masi selani
		0047. 0055 0056 0066 0066	00% 00% 00% 00%	50,694 46,605. 13 - 60 46,605. 15 - 60 46,605. 15 - 60 46,605. 15 - 60 46,605. 15 - 60 46,605. 15 - 60 46,605.
erration scriptiones and estimate and expenditure and expendit	and distribution and the sufficiency was now the six between the superior and the superior			73

Date August 7, 19 73

APPROVED RAMCO OIL & GAS/CORP. Owner

By Mer (Title)





OIL & GAS DIVISION DEFT. OF MINES Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATECrober 2, 1972
Surface Owner	_ Company_ KAACO OH A Cos Con.
Address Address	Address Addres
Mineral Owner 3 & Boyco Heirs	Farm James R. Boyce Acres 133
Address	Location (waters)
Coal Owner	the state of the s
AddressCenterpoint, \\.\va.	District County County
Coal Operator None - no cool is being mined	_ Quadrangle
Address	- mr. wm
All provisions being in accordance with Chapter of the W. Va. Code, the location is hereby appr for	oved U.G. 26902
title thereto, (or as the case may be) under grant or lease of made to	e above named farm or tract of land for oil and gas, having fee lated 19 by and recorded on the day of
NEW WELLDRILL DEEPER	REDRILL FRACTURE OR STIMULATE
have been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or f	notified that any objection they wish to make, or are required iled with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective addresssame day with the mailing or delivery of this copy to the Des	registered mail, or delivered to the above named coal operators day before, or on the partment of Mines at Charleston, West Virginia. Very truly yours,
•	(Sign Name) VER Condition (Sign Name) Well Operator
Addres of	
Well Oper	
	City or Town
	State

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Dodd-1694 PERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	DRILL	DEEPENF	RACTURE-STIMULATE
DRILLING CONTRACTOR: (If I	Known)	RESPONSIBLE AGENT	
NAME NAME		NAME ROOM TOWN	
ADDRESS		ADDRESS	x 174, Grantsville, V.Va.
TELEPHONE			254-7657
ESTIMATED DEPTH OF COMPLI	ETED WELL:	ROTARY	CABLE TOOLS
PROPOSED GEOLOGICAL FORM			
TYPE OF WELL: OIL_	GAS C	OMB STORAGE	DISPOSAL
	RECYCLI	NG WATER FLO	OODOTHER
TENTATIVE CASING PROGRAM	:		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8 8 - 5/8			\$ 00 PM
7			
5 ½			dts >20 ≠00 de
4 ½			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top Perf. Bottom
OF PLAT. TO DRILL DEEPER OR REDRIL. SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTE TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NUI	L: DF OG - 1, SHOWING ORIGION 1929, A PERMANENT COD. RIGINALLY DRILLED BEFO AND ORIGINAL WELL RECORDINALLY DRILLED ON AND MBER, AND PERFORMANCE	INAL PERMIT NUMBER AND TOPY OF THE PLAT AND TOPY OF THE PLAT AND TOPY OF THE STATE S	OND AND PERMANENT COPY OND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 29, FIVE COPIES OG - 1, SHOW- Inspector to be notified twenty-
thereof.			issued within ten days of receipt
	ed and place on our mine m	aps this proposed well locat	ion.
providing operator has c			rell being drilled at this location, 7, Chapter 22 of the West Virginia
Code.			
		F	or Coal Company

Official Title