Card CSD MINA Land Comment of the La Co 39 ner 🔾 elizaberk sechmen SHOKE 845 ELIZABETH SECKMAN Chook & 450' 6 Hickory Source of Elevetion Silan, Wall No. 1 (Trac + 1) = 272 I, the undaminant, hereby eartify that this map is correct to the best of my know-ledge and least and shows all the information required by paragraph 6 of the rules and regulations of the oil and pure section of the mining laws of West Virginia. VI. 64.170.... New Location... Map No. STATE OF WEST VIRGINIA Company Rames Oil & Gas Coep SEPARTMENT OF MINES Adm. Bokox 99, Balpra, Ohio OL AND GAS DIVISION CHARLESTON President State of St WELL LOCATION FRE NO. 420 - 175 2m Elevation (Spirit Level)_Like22 Carorea do La Caracter para de la Caracter de la Ca + Dumpton location of well on United States Comer Danderidage Dierer McClalles Topographic Maps, scale 1 to 62,500, latitude and kingitude lines being represented by England... berier ling as shown. Engineer's Registration No. 1282 - Desictes one inch spaces on border line of December, No. File No. original brechy. TRASCO 17 5153 1-73 342910

6-6 Smithton-Flint-Sedalia (99)

OCT 17 1973



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

JAN 23 1974

DETT. OF MINES

Oil and Gas Division

Quadrangle Centerpoint

RECORD WELL

Rotary_x Gas_X Cable.... Comb. Recycling___ Water Flood_ Storage____

Company Comp	Permit No. DOD-1752					Disposal	(Kind)
Address P. O. Box 99, Belgne, Onto 43/14 Personal Elizabeth Seckman Trast II Acres 60 Location (weters) Well No. 2 Elev 12/02' 20-16 Cond. District McClellan County Doddridge The surface of tract is owned in fee by 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 13-10" The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 11-13-13 The surface of tract is owned in fee by 95/88 Elizabeth Seckman et al 12-13-13 The surface of tract is owned in fee by 13-13-13-13-13-13-13-13-13-13-13-13-13-1	RAMCO Oil & C	Gas Corp.		Casing and	Used in	Left	Cement fill up
Farm Elizabeth Seckman Treef Acres.69	Company NAMES On Selpre, Ohio 45714		14	•	Drilling	in Well	Cu. ft. (Sks.)
Decision (waters)	Flizabeth Seckman T	ract Acres	60	1 401116			1
Well No. 2				ii7e			
District McClellan County Doddridge Cond.	*** ** ** 2	Flev.	1202'				manufacture of the control of the co
The surface of tract is owned in fee by Elizabeth Seckman et al 95/8 8 830 160 830 160 8ks. Address Salem, W. Va. 8 5/8 830 830 160 8ks. Mineral rights are owned by same 7 7 7 8 172 172 175 8ks. Drilling Completed 10/15/73 4 1/2 2302 75 8ks. Drilling Completed 10/18/73 3 3 172 175 8ks. Drilling Completed 10/18/73 4 1/2 2302 75 8ks. Drilling Completed 10/18/73 3 3 172 175 8ks. Drilling Completed 10/18/73 3 3 175 175 8ks. Drilling Completed 10/18/73 175 8ks. Drilling Completed 10/18/73 175 8ks. Drilling Completed 10/18/73 2 175 8ks. Drilling Completed 10/18/73 175 8ks. Drilling Completed 10/18/73 3 3 175 8ks. Drilling Completed 10/18/73 3 3 175 8ks. Drilling Completed 10/18/73 3 3 3 175 8ks. Drilling Completed 10/18/73 185 8ks. Drilling Completed 10/18/74 185 8ks. Drilling Complet	Well No. = McClellan	County Dodd	ridge	Cond.			-
Signature Sign	District Williams is considered	in fac by		3-10"			_
Address Salem, W, Va. 8 5/8 830° 830° 100 853. Mineral rights are owned by same 7 Address 5 1/2 2002° 75 sks. Drilling Commenced 10/15/73 4 1/2 2302° 75 sks. Drilling Completed 10/18/73 3 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The surface of tract is owned in Flizabeth Seckmon	et al		5/8			
Mineral rights are owned by Same	Salam W. Va.	Designs of the Personal Constitution of the Constitution of the Constitution of the Constitution of the Cons titution of the Constitution of the		3 5/8	830'	830'	160 sks.
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Drilling Completed 10/15/73 3 3 3 3 3 3 3 3 3	Mineral rights are owned by	And the state of t		5 1/2			
Dritting Completed 10 16 70 10 10 10 10 10 10 10	Address	/73		4 1/2		2302"	/5 sks.
Initial open flow	Drilling Commenced 10/18	/73	and the state of t	3			-
Final production 280MCF cu. 10 per day 420 mer. Attach copy of cementing record. Lawson Cementing Company Lawson Cementing	Drilling Completed	54	hhle	2			-
Well open	Initial open flow	Cu. II.	lable	Liners Used			
Well treatment details: FRACTURED: DOWELL - 733 bbls, water; 30,000# 20/40 sand; 500# 10/20 sand; 500 gals, 15% HCL. PERFORATED: 2182' to 2193') - 15 holes. Perforated Squaw at 2237' to 2246' - 10 holes. Pressure tested 25psi - set cost iron bridge plug at 2230', then perforated and fractured Big Injun. Coal was encountered at 503'-156" 7790'-120" Feet Salt Water Producing Sand Big Injun) 212'2-23 Depth 2181' to 2196' Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water * Remarks Sand, RedRock, Shale Soft 400 503 Sand and Shale Soft 503 516 Shale & RedRock Soft 516 575 Shale Soft 575 675 Sand and Shale Soft 790 800 Sand and Shale Soft 790 800 Sand Sand Hard 800 830 Sand Shale, RedRock Soft 830 1475 Sand and Shale Soft 1475 1900 Sand Shale, RedRock Soft 1900 2075 Red Rock & Shale Soft 1900 2075 Big Lime Hard 2150 2175 Big Injun Hard 2175 2217 Squaw 2235'	- Account of the contract of t	1. 11. per day 42	20# BB				
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PERFORATED 2182 to 2193 - 15 holes Perforated Squaw at 2237 to 2246 - 10 holes Pressure tested 25psi = set cast iron bridge plug at 2230 , then perforated and fractured Big Injun B	Well treatment details:			ATTACH COPY OF		10/20 car	d.
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Perforated 15 holes Perforated Squaw at 2237' to 2246' - 10 holes Pressure tested 25psi - set cast iron bridge plug at 2230' then perforated and fractured Big Injun Big Injun Big Injun Feet		<u>500 gal</u>	s. 15% MUL			n	o results
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Big Injun Coal was encountered at 503°-156" 790°-120" Feet	PERFORATED:(218)	2' to 21937-	15 holes.	erroratea sanc	than marka	rated and	fractured
Feet	Pressure tested 25	<u>psi – set cast</u>	iron bridge F	iug ar 2230 /	IIIEII PEI 10	10100 0110	21 22 23 23 23
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Producing Sand Big Injun 2187-73 Depth 2181' to 2196'	Big Injun.	40 2 0 0 1 1 1 was for f	1 1001	ni in a landa perimetta de mija de lagal depignina e escanta Provincia a que a mai se que de la com		*	
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(over)

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





OIL & GAS DIVISION DET T. OF WINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,				
Charleston, W. Va.	DATE October 1, 1973			
Surface Owner Elizabeth Seckman et al	Company RAMCO Oil & Gas Corp.			
Address Centerpoint, W. Va.	Address P. O. Box 99, Belpre, Ohio 45714			
Mineral Owner Elizabeth Seckman et al	Farm Elizabeth Seckman Tract II Acres 60			
Address Centerpoint, W. Va.				
Coal Owner Fee				
Address	District McClellan County Doddridg			
Coal Operator None - no coal is being mined in	Quadrangle Centerpoint			
Addressthis area.	,			
HIS PERMIT MUST BE POSTED AT THE WELL SITE				
ll provisions being in accordance with Chapter 32				
f the W. Va Code, the location is hereby a part ad				
or drilling . This permit shall expire if perations have not commenced by 2-2-74 .				
Acted to all	TO DE MATERIA TO DE COTOCO NA			
puty Director - Oil & Gas Division	Colfax, W.Va. PH: 363-9105			
The undersigned well operator is entitled to drill upon the sitle thereto, (or as the case may be) under grant or lease da	above named farm or tract of land for oil and gas, having for the land for by James F. Scot			
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease da made to RAMCO OII & Gas Corp	above named farm or tract of land for oil and gas, having fe ted <u>February 10,</u> 19 72 by <u>James F. Scot</u> 5. and recorded on the <u>18th</u> day of <u>Februar</u>			
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease da made to RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95	above named farm or tract of land for oil and gas, having fe ted February 10, 19 72 by James F. Scot o and recorded on the 18th day of Februar Page 619			
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease da made to RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER	above named farm or tract of land for oil and gas, having feted February 10, 19 72 by James F. Scoton and recorded on the 18th day of Februar Page 619 REDRILL FRACTURE OR STIMULATE			
The undersigned well operator is entitled to drill upon the citle thereto, (or as the case may be) under grant or lease da made to RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED	above named farm or tract of land for oil and gas, having feted February 10, 19 72 by James F. Scotton and recorded on the 18th day of Februar Page 619 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969.			
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The undersigned well operator is entitled to drill upon the citle thereto, (or as the case may be) under grant or lease da RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or cave been notified as of the above date. The above named coal owners and/or operator are hereby noticed.	above named farm or tract of land for oil and gas, having for ted February 10, 19 72 by James F. Scot Do. and recorded on the 18th day of Februar Page 619 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/or operators of tified that any objection they wish to make, or are required.			
The undersigned well operator is entitled to drill upon the little thereto, (or as the case may be) under grant or lease da RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or eave been notified as of the above date. The above named coal owners and/or operator are hereby no make by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by recoal owners at their above shown respective address	above named farm or tract of land for oil and gas, having feted February 10, 19 72 by James F. Scotto. and recorded on the 18th day of Februar Page 619 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/or operators of the difference of with the Department of Mines within ten (10) days. * registered mail, or delivered to the above named coal operators day before, or on the			
The undersigned well operator is entitled to drill upon the citle thereto, (or as the case may be) under grant or lease da RAMCO Oil & Gas Corp. 1972, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or rave been notified as of the above date. The above named coal owners and/or operator are hereby no make by Section 3 of the Code, must be received by, or file Copies of this notice and the enclosed plat were mailed by recoal owners at their above shown respective address mane day with the mailing or delivery of this copy to the Department of the code of the co	above named farm or tract of land for oil and gas, having for ted February 10, 19 72 by James F. Scott Do. and recorded on the 18th day of February 19 Page 619 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/or operators of the different of Mines within ten (10) days. * registered mail, or delivered to the above named coal operators of the different of Mines at Charleston, West Virginia.			
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*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.

DOD-1752 PERMIT NUMBER

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

PROPOSED WORK ORDER TO	X DRILL	DEEPEN FRACTURE-STIMULATE			
DRILLING CONTRACTOR: (If Known)		RESPONSIBLE AGENT:			
NAME		ADDRESS P. O. Box 243, West Union, W. Va. TELEPHONE (304) 873-1745			
ADDRESS					
TELEPHONE					
ESTIMATED DEPTH OF COMPL		ROTARY X	_ CABLE TOOLS		
PROPOSED GEOLOGICAL FORM	MATION: Big Injun	-			
TYPE OF WELL: OIL_	GAS <u>×</u>	COMB STORAC	GE DISPOSAL		
	RECYC	LING WATER FI	LOODOTHER		
TENTATIVE CASING PROGRAM	1:				
CACING AND TUDING	LICED EXP	LEFT IN	CEMENT FILL UP		
CASING AND TUBING SIZE	USED FOR DRILLING	WELL	OR SACKS - CUBIC FT.		
20 - 16	And the second section of the second				
13 - 10					
9 - 5/8					
8 - 5/8	860'	860'	Surface		
7		,			
5 1/2					
4 ½		2300'	350'		
3 30000000000			Perf. Top		
2			Perf. Bottom		
Liners		•	, 1011. POP		
			Perf. Bottom		
APPROXIMATE FRESH WATER	DEPTHS 50 FEET	ΓSALT WATE	RFEET		
APPROXIMATE COAL DEPTHS	none 820		•		
IS COAL BEING MINED IN TH	e area? no	BY WHOM? _			
TO DRILL:	OF OG - 1 \$100.00 PER	MIT FEE PERFORMANCE	BOND AND PERMANENT COPY		
OF PLAT.	Or Od - 1, \$100.00 1111	WIII TEE, TEEL OWNINGE	BOND INIO I BIONALINI COLL		
TO DOUG DEPOSE OF PERSON	· · · · · · · · · · · · · · · · · · ·				
TO DRILL DEEPER OR REDRII			AND DEPENDENT OF DOME ON		
• •	TO 1929, A PERMANENT		AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD		
TO FRACTURE - STIMULATE:					
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		CONTROL A PERFORMANCE		
BOND, PERMANENT PLAT	AND ORIGINAL WELL R	ECORD.	5) COPIES OG - 1, PERFORMANCE		
OIL AND/OR GAS WELL O ING ORIGINAL PERMIT NU			929, FIVE COPIES OG - 1, SHOW-		
Required forms must be file four (24) hours in advance.	d within ninety (90) days o	of completion for bond releas	e. Inspector to be notified twenty-		
The following waiver must	be completed by the coal	operator if the permit is to b	e issued within ten days of receipt		
thereof.	.				
WAIVER: I the undersigned, Age	ent for	Coal Company, Own	ner or Operator of the coal under		
		maps this proposed well lo			
			well being drilled at this location,		
			d 7, Chapter 22 of the West Virginia		
providing operator has Code.	complied with an rules and i	eguianono in Aincies 4, 0, an	., Onapier 22 or the west virginia		
₩de.					

			For Coal Company		

Official Title