

6-6 Providence (3.59)

MAY 1 3 1977



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

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FEB - 7	1070

OIL & GAS DIVISION DEFT. OF MINES

Quadrangle CO	<u>tta</u> gevii	lle	WELL	ECORD 4		Cable	OXXX Oil
Permit NoJA							d Storage
Company Kai	ser Exp	1. & Mining Co		Casing and	Used in	Left	Cement fill up
		swood, W. Va.		Tubing	Drilling	in Well	Cu. ft. (Sks.)
Location (water	s) <u>Isaac</u> s	s rum of Mill e	Crk.	Size 20-16		10 mm	e e e e e e e e e e e e e e e e e e e
		CountyJac		Cond.			Sample of the sa
The surface of	tract is ow	ned in fee by		13-10"			
Leroy Say:	-			9 5/8	21.6	216	100 Sax
	•	WV 25241		8 5/8			
-		_{by} Same as abo		5 1/2	2590	2590	75 Sax
		/20 /77		4 1/2	4900	4900	150 Sax
		/30/77 /11/77	ng egiliggi han, gangguha di uninu, ganangga nagalilanggi kuthak.	3		+	
		100 M cu. ft	-0- hhla	2			
and the same of th		ED&XXXXXper day_		Liners Used			
Well onen	i il moteratici allimentari perinellia	hrs. before test	1725 RP				
Well treatment		enterested the test of the tes	- Service Constitution of Service	Attach copy of o	ementing rec	ord. Halli	burton
Perforate	3 4 1/2	<u>casing 4,769</u>	- 4771 wi+1				
960 bbls.	water,	41,000# sand	and 186M sto	d. cu. ft. ni	trogen	OF TENTRALLA	<u> </u>
Canan applicate Colonians (Colonians double Strategic	***************************************						en e
ACTIVATE OF THE PROPERTY OF TH							The second secon
photogram, plant in photograph are send religible in the photograph and delivers and religible resources.	**************************************	Direktyrellister Merikalister og sentret og og singlyr aller og sentret og sentret og sentret og sentret og se					
Coal was encou	ntered at _	None	Feet.		Inch	es	
		Fe6	et	Salt V	Vater	~	_ Feet
Producing Sand	Oriska	any Sand		Deptl	4769 - 4	771	
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o	r Water	* Remarks
Shales	,		0	23			
Sand			23	48			
Shale			48	97			
Sand Shale			97 108	108	nonemone and	•	
Sand			192	192 198	NAME OF THE PROPERTY OF THE PR		
Red Rock			198	222			
Shale		·	222	268			
Sand		•	268	281			
Red Rock			281	331			
Sand			331	343			w
Shale			343	385			
Sand			385	395			
Shale Red Rock			395	, par par			
Sand)	455			
Red Rock			455	559	,		<i>2</i>
Shale			455 559	559 573	·		
		-	455 559 5 73	559 573 644	·		
Red Rock		e de la companya de	455 559	559 573 644 670			
Sand			455 559 573 644	559 573 644			
	er a san er a		455 559 573 644 670	559 573 644 670 703			

(over)

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st Indicates Electric Log tops in the remarks section.

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Formation Color Hard or Soft	Top Feet 4	Bottom Feet	Oil, Gas or Water * Remarks
Shale Sand Red Rock Sand Shale Red Rock Shale Red Rock Sand Red Rock Sand Shale Salt Sand Shale Salt Sand Shale Shale Injun Sand Shale Injun Sand Shale Injun Sand Shale Offee Shale Berea Shale Brown Shale Brown Shale Brown Shale Shale Brown Shale Shale Offee Shale Brown Shale Shale Brown Shale Shale Brown Shale Shale Onondaga L.S. Oriskany Sand Helderberg L.S.	943 1000 1021 1038 1054 1099 1140 1157 1205 1247 1275 1301 1362 1445 1475 1689 1821 1867 1874 2012 2022 2145 2490 2508 2520 3670 4127 4529 4675 4763 4786	1000 1021 1038 1054 1099 1140 1157 1205 1247 1275 1301 1362 1445 1675 1689 1821 1867 1874 2012 2022 2145 2490 2508 2520 3670 4127 4529 4674 4763 4786 4914	

159	The bases of the Co		~ O
Date	February 3		19 10
		•	-

APPROVERAISER EXPLORATION & MININGOWNER

Operations Manager

for





Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,			
Charleston, W. Va.	DATE	March 21, 1977	PRODUCTION OF THE PRODUCTION O
Surface Owner Leroy Savre	Company_	Kaiser Exploration & Min	ing Co.
Address Rt. 1, Evans, WV 25241		Box 98, Ravenswood, W. V	a.
Mineral Owner Same as above		Leroy Sayre Acres	70 Ac.
Address		waters) Isaacs Run of Mill	
Coal Owner Same as above	•	DEK #23 Elevation	
Address		Union County	
Coal Operator Not operated			ille 7½"
Address			
PERMIT MUST BE POSTED AT THE WELL SITE			
provinces being in accordance with Chapter 22,			
he W. Va. Code, the location is hereby approved drilling This permit shall expire if	INSPECTOR TO BE NOTIF	Richard J. Morris	
drilling this permit that are not commenced by 8-7-77		. Box 372, Grantsville, W	.Va.
\mathcal{L}	PHONE 354-	7259	
Deputy Director - Oil & Gas Division GENTLEMEN:	FRONE		
The undersigned well operator is entitled to drill up	on the above named	farm or tract of land for oil and g	as having fee
title thereto, (or as the case may be) under grant or	lease dated <u>Apri</u>	1 28, 1976 by <u>Ler</u>	ov &
Ethel Sayre made to Devon Corp. & [19_77 in Jackson County, Book	ason U11 and re	ecorded on the <u>23rd</u> day o	of <u>February</u>
			•
XXXX NEW WELLDRILL DEEPE			STIMULATE
OIL AND GAS WELL ORIGINALLY DE	ILLED BEFORE JU	JNE 5, 1969.	
The enclosed plat was prepared by a registered enghave been notified as of the above date.	ineer or licensed lan	d surveyor and all coal owners and	or operators
The above named coal owners and/or operator are I to make by Section 3 of the Code, must be received b	ereby notified that a	any objection they wish to make, or Department of Mines within ten (10	are required) days. *
Copies of this notice and the enclosed plat were ma or coal owners at their above shown respective address	§	day before,	oal operators or on the
same day with the mailing or delivery of this copy to	he Department of "	lines at Charleston, West Virginia.	
PLEASE SUBMIT COPIES OF ALL		ours, Kaiser Exploration &	Mining Co.
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name)	. F. Wegener, Owner's Rep	
WEST VIRGINIA GEOLOGICAL AND	£4	Box 98	resentative
ECONOMIC SURVEY	Address	Street	
P. O. BOX 879	of ll Operator	Ravenswood,	
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331		City or Town	
70 304 272 033I		W. Va.	
		State	
*SECTION 3 If no objections are filed or found to notice and plat by the department of mines, to said proposed to filing of such plat, that no objections have been made by the and the well operator authorized to proceed.	cation, the department	shall forthwith issue to the well operator a	permit reciting
		JAC-1394	MIT NUMBER
"I have read and upderstand the reclamation requirements	is set forth in	47-035	WOMDER
Chapter 22, Article Meedon Mil and will carry out the specific	requirements."	T/ -UJJ	

W. F. Wegener, Owner's Representative

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

DRILLING CONTRACTOR: (If F			FRACTURE-STIMULATE			
NAME FWA Drilling Con	mpany	NAME Bill W.	Backus			
ADDRESS <u>Box 448, Elkvie</u> TELEPHONE <u>965-3379</u>			ADDRESS Box 1433, Charleston, W. Va.			
ESTIMATED DEPTH OF COMPLE						
PROPOSED GEOLOGICAL FORM			_ CABUE TOOLS			
TYPE OF WELL: OIL_			SE DISPOSAT.			
			LOOD OTHER			
	101010	2342 CO	OTHER			
TENTATIVE CASING PROGRAM:						
STREETER THE SEASON CONTRACTOR AND STREETER	orizánio mediono no po so posta posta poro de constitu nçajo, instituazionio por centra de constitue de cons					
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN				
20 - 16	WALLING	WELL	OR SACKS - CUBIC FT.			
13 - 10			9			
9 - 5/8	250	250	300 Carlin			
8 - 5/8	430	250	100 Sacks			
7	2600	. 650	75 Casha			
5 ½	2000	650	75 Sacks			
4 ½	4900	4900	125 Sacks			
3			Perf. Top			
2			Perf. Bottom			
Liners			Perf. Top			
			Perf. Bottom			
OF PLAT.	OF OG - 1, \$100.00 PER	MIT FEE, PERFORMANCE	BOND AND PERMANENT COPY			
SUBMIT FIVE (5) COPIES O WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT OIL AND/OR GAS WELL OR ING ORIGINAL PERMITNUM	F OG - 1, SHOWING OR. D 1929, A PERMANENT D. IGINALLY DRILLED BEI AND ORIGINAL WELL R IGINALLY DRILLED ON IBER, AND PERFORMAN	COPY OF THE PLAT AND FORE JUNE 5, 1929, FIVE (5) ECORD. AND/OR AFTER JUNE 5, 10 CE BOND.	AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD O) COPIES OG - 1, PERFORMANCE 929, FIVE COPIES OG - 1, SHOW-			
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Official Title