

(359)



STATE OF WEST VIRGINIA DEPARTMENT OF MINES



CIL& GAS DIVISION DELTT. OF MINES

Oil and Gas Division neconn TARES S

	WELL R	ECORD		Rotary XXX	Oil Gas_ <u>xxx</u>
Quadrangle <u>Ravenswoo</u> d Permit No. <u>JAC 137</u> 6	45 45 - 5 240 - 2 46 - 2 46 - 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Recycling_	Combod_ Storage
Company Kaiser Exploration & Min Address Box 98, Ravenswood, WV Farm R.K. Sayre Acr		Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Silver Fork of Mil Well No. DEK #6 Ele District Union County Jac The surface of tract is owned in fee by	lCreek v862 kson	Size 20-16 Cond. 13-10''			Table See of Automotive See of
R.K. Sayre, et al		9 5/8	197	197	100 Sax
Address 4139 Kenneth Road, Stow, O		8 5/8			
Mineral rights are owned by Same as above		7	2515	2515	75 Sax
Address		5 1/2			
Drilling Commenced October 13, 1976		4 1/2	4788	4788	100 Sax
Drilling Completed October 22, 1976		3			
Initial open flow Show cu. ft	bbls.	2		4740	
Final production cu. ft. per day		Liners Used			
Well open hrs. before test					
Well treatment details:		Attach copy of c	ementing rec	ord.	
Perforated 4½" casing @ 4739½ to		•	_		tured with
780 bbl water and 27,500# sand.	Open flow a	fter frac -1	03 MCF/Da	y.	
Shut in pressure 1400 psi - Oris	kany.			***	
Perforated 4½" casing @3766' to					
Fractured with 1090 bbl water an		IIG			
Shut in pressure 850 psi - testi	ng not compi	ete.			
Coal was encountered atFe		Salt V			Feet
Producing Sand Oriskany Sand & Bro		Denth	vater 4739½ t	io 4744½	1.CCE
Troducing Sand.		Jopti.			
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas	or Water	* Remarks
Sand and Shale Shale Sand Red Shale Sand	0 248 292 308 334	248 292 308 334 354			
Red Shale Sand	354 421	421 426	- Company of the Comp		

(over)

426

444

447

478

482

526

542

608

613

1082

1181

1285

1322

1409

1467

1480

1510

444

447

478

482

526

542

608

613

1082

1181

1285

1322

1409

1467

1480

1510

1531

Shale

Red Shales

Red Rock

Red Rock

Red Rock & Shales

Sand

Sand

Sand

Sand

Shale

Shale

Salt Sand Shale

Sand

Sand

Shale Sand

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

Shale
Sand 1668 1787 1844 1848 1848 1954 1848 1954 1848 1954 1848 1954 1968 1982 1819 1968 1882 Injun 1992 2108 1818 242 2459 1849 1849 1849 1849 1849 1849 1849 184
Log Total Depth 38 4830 12 12 12 12 12 12 12 12 12 12 12 12 12
Aventus in an alternative and a period of the first of th
en de la composition de la composition La composition de la
Due October 10

Date October 10 19 77

APPROVED Lower A. Francisco Owner

By Staff Petroleum Geologist

(Title)





Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE October 6, 1976
Surface Owner R. K. Sayre, et al	Company Kaiser Exploration & Mining Company
Address 4139 Kenneth Road, Stow, OH	Address P. O. Box 98, Ravenswood, WV 26164
Mineral Owner R. K. Sayre, et al	Farm R. K. Sayre Acres 188
Address 4139 Kenneth Road, Stow, OH	Location (waters) Silver Fork of Mill Creek
Coal Owner R. K. Sayre, et al	Well No. DEK #6 Elevation 862
Address 4139 Kenneth Road, Stow, OH	District Union County Jackson
Coal Operator Not Operated	Quadrangle Ravenswood 15', Cottageville 7 1/2'
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Chapter 22. of the W. Va. Code, the location is hereby approved	
for <u>drilling</u> . This permit shall expire if	
operations have not commenced by 2-7-77	an de la companya de La companya de la co
Notes to lake	
Deputy Director - Oil & Gas Division INSPECTOR	TO BE NOTIFIED Richard Morris
GENTLEMEN: PH: 354-72	259 ALIRESS Grantsville, W. Va.
K	above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under grant or lease da	ited March 15 1967 hand for on and gas, naving fee
Sayre, et al made to Commonwealth Gas Corp	and recorded on the 11th
19 67 in Jackson County, Book 104	Page 535
VVV	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
OIL AND GAS WELL ORIGINALLY DRILLED	REDRILLFRACTURE OR STIMULATE
The enclosed plat was prepared by a registered engineer or have been notified as of the above date.	licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby n to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by r or coal owners at their above shown respective address	egistered mail, or delivered to the above named coal operators
same day with the mailing or delivery of this copy to the Depa	artment of Mines at Charleston, West Virginia.
GEOPHYSICAL LOGS DIRECTLY TO:	ery truly yours. KAISER EXPLORATION & MINING COMPANY
West Virginia Geological and Economic Survey	Sign Name D. H. Lovell, Well Operator Resident Engineer
West Virginia Geological and Economic Survey P. O. Box 879	Very truly yours, KAISER EXPLORATION & MINING COMPANY Sign Name: D. H. Lovell, Well Operator Resident Engineer P. O. Box 98
West Virginia Geological and Economic Survey P. O. Box 879 Morgantown, W. Va. 26505 Address of	Very truly yours, KAISER EXPLORATION & MINING COMPANY Sign Name: Askall Hold Hold Hold Hold Hold Hold Hold Ho
West Virginia Geological and Economic Survey P. O. Box 879 Morgantown, W. Va. 26505 Address	Very truly yours, KAISER EXPLORATION & MINING COMPANY Sign Name: Askall Hold Hold Hold Hold Hold Hold Hold Ho
West Virginia Geological and Economic Survey P. O. Box 879 Morgantown, W. Va. 26505 Address of	Very truly yours, KAISER EXPLORATION & MINING COMPANY Sign Name, D. H. Lovell, Well Operator Resident Engineer P. O. Box 98 Street Ravenswood City or Town
West Virginia Geological and Economic Survey P. O. Box 879 Morgantown, W. Va. 26505 Address of	Sign Name: Novell, Well Operator Resident Engineer P. 0. Box 98 Street Ravenswood
West Virginia Geological and Economic Survey P. O. Box 879 Morgantown, W. Va. 26505 Address of	Very truly yours, KAISER EXPLORATION & MINING COMPANY Sign Name D. H. Lovell, Well Operator Resident Engineer P. O. Box 98 Street Ravenswood City or Town West Virginia 26164

*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.

BLANCE

JAC-1376

PERMIT NUMBER

47-035

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

PROPOSED WORK ORDER TO	XXXDRILL	DEEPEN FR	ACTURE-STIMULATE						
DRILLING CONTRACTOR: (If Known)		RESPONSIBLE AGENT:							
NAME FWA Drilling Company ADDRESS P. O. Box 448, Elkview, WV TELEPHONE 965-3379 ESTIMATED DEPTH OF COMPLETED WELL: 4775		ADDRESS P. O. Box 1433, Charleston, WV 253 TELEPHONE 342-3171							
						PROPOSED GEOLOGICAL FOR		ROTANI	CABLL TOOLS
						TYPE OF WELL: OIL_		COMP STOP ACE	DISPOSAL
IYPE OF WELL: OIL_			ODOTHER						
	RECYCLI	ING WATER FLOO	OUTTER						
TENTATIVE CASING PROGRAM	M:		egi (Mesta asagrada ne santi). Pingga Pesakana an Militar						
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.						
20 - 16									
13 - 10									
- 5/8	200'	200'	100 Sax						
3 - 5/8									
7	2,500'	2,500'	75 Sax						
\$ ½ \$ ½	4,775	4,775	100 Sax						
3			Perf. Top						
2			Perf. Bottom						
Liners			Perf. Top						
			Perf. Bottom						
ADDOVIMATE POECH WATER	DEPTHS FFFT	CAIT WATED	REDT						
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS			PEFF						
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE BO	OND AND PERMANENT COPY						
TO DRILL DEEPER OR REDRI	LL:								
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR	OF OG - 1, SHOWING ORIGINATION 1929, A PERMANENT OF		D PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD						
MUST ALSO BE SUBMITT									
TO FRACTURE - STIMULATE:									
	ORIGINALLY DRILLED BEFO T AND ORIGINAL WELL RE		COPIES OG - 1, PERFORMANCE						
· ·	ORIGINALLY DRILLED ON A UMBER, AND PERFORMANC		9, FIVE COPIES OG - 1, SHOW-						
		completion for bond release.	Inspector to be notified twenty-						
four (24) hours in advance.		and the second of the second o							
The following waiver must thereof.	be completed by the coal of	perator if the permit is to be	issued within ten days of receipt						
WAIVER: I the undersigned, Ag	-	=	or Operator of the coal under						
this lease have exami	ned and place on our mine	maps this proposed well locat	ion.						
We the			ell being drilled at this location,						
	s complied with all rules and re	egulations in Articles 4, 5, and	7, Chapter 22 of the West Virginia						
Code.									
		F	or Coal Company						
		And the state of t	Official Title						