API	NO.	4	5	_	167	- 21524	
WELL	NAM	Ε:	DAN	IEL	KISER		PC-317
DATE	AU	GUS	ST 1	, 19	991		



Virginia Oil and Gas Inspector
P. O. Box 1416
Abingdon, VA 24210
703 628-8115

W15

of

## REPORT OF COMPLETION OF WELL WORK

Gas Act, the undersigned well operator reports completion of the type(s) well work specified below on the referenced well in CASTLEWOOD  District RUSSELL County, Virginia on 7TH day,  MAY month, 1991.
WELL TYPE: Oil/ Gas _xx / Enhanced Recovery/ Waste Disposal  If Gas-Production xx / Underground Storage/ Exempt by Code Section 45.1-300.B.l. from general Oil and Gas Conservation Law yes xx / no  WELL WORK: Drill xx / Deepen/ Redrill/ Stimulate xx / Plug Off Old Formation/ Perforate New Formation xx / Plug/  Replug/ Other physical change in well (specify)
The well work was done as shown in the Appendix(es) applicable to the type(s) of well work involved.
CONFIDENTIALITY STATUS UNDER CODE OF VIRGINIA SECTION 45.1-332
XX Ninety days from the filing of this report
OR
Two years from, the date on which the referenced well was completed, the well being an exploratory well as defined in Code of Virginia, Section 45.1-288.21.
APPLICANT EQUITABLE RESOURCES EXPLORATION  BY Y Seph Juny  ITS SR. ENGINEER
ADDRESS 1989 EAST STONE DR., KINGSPORT, TN 37660
TELEPHONE 615-378-5101

## COMPLETION REPORT

WELL TYPE: Oil ( ) Gas Production Enhanced Recovery ( ) W	
LOCATION	Superior Community
COUNTY RUSSELL	DISTRICT CASTLEWOOD
SURFACE ELEVATION2525.00	QUADRANGLE DUTY
LATITUDE 2080 'S 37° 02' 30"	LONGITUDE 12,970 'W 82° 07 ' 30 "
DATE WELL COMPLETED 5-07-91	ADDRESS P.O. DRAWER 40, BUCKHANNON, WV TELEPHONE NUMBER 304-472-4610 RIG TYPE X ROTARY CABLE TOOL
FRESH WATER AT (1) 71 FEET ½" S' SALT WATER AT (1) FEET	TR GPM: (2) FEET GPM GPM: (2) FEET GPM
COAL SEAMS:  NAME TOP BOTTOM THICK UPPER SEABOARD COAL 952 956 4 GREASY CREEK COAL 1146 1149 3	NESS YES (NO) MINED OUT
C-SEAM COAL 1572 1575 3	
BECKLEY COAL 1669 1672 3	
POCO #1 COAL 2417 2420 3 OIL AND GAS SHOWS:	IPF(MCFD/BOPD) PRESSURE HOURS TESTED
INITIAL SHUT IN PRESSURE 1850 PSIG	TION STIMULATED WITH 70 Q FOAM  BBL FLUSH - 700 GAL 15% HC1
STIMULATION RECORD ZONE (2) FORMA	TION STIMULATED WITH
The second secon	
FINAL PRODUCTION: ( ) NATURAL (X BOD MCFD HOURS TESTE ZONE (1)	
ZONE (2)	
FINAL PRODUCTION IF GAS ZONES ARE CO	MINGLED * 34 MCFD 6 HOURS TESTED 315 PSIG 48 HOURS TESTED

CASING AND TUBING

PACKERS OR

	SIZ	E 3	TOP	BOTT	OM .	LENGTH		FORAT T TO				PLUGS SET AT
CONDUCTOR	16"			39'								
CASING Circulated and Cement to Surface	ed											
WATER PROT (Casing Se According Section 45.1-334)	t to			352	ı							
COAL PROTE (Casing Se According Section 45.1-334)	t	N										
OTHER CASI Tubing Lef In Well	t			251								
LINERS Remaining In Well												
OTHER used left	and	not	0		91							
Is the well protection	l un	derlai	in by	Red Red	Shale Shale	X Yes	esN	o, If _No	Yes	, was	coal	
REMARKS:	Shut	down	, fis	hing	jobs,	depths	and o	dates	, cav	ing,	etc.	

Form 16, Appendix A Sheet 3 Well Name DANIEL KISER PC317					
Samples and Cuttings  Will X Will not be available for examination by a member of the  Virginia Division of Mineral Resources  Will X Will not be furnished to the Virginia Division of Mineral  Resources upon request  Will Will not X require sacks to be furnished by the Virginia  Division of Mineral Resources					
Electric Logs and Surveys: Type of Electric Log(s) Ran: DEN/TEMP/GR					
Did log disclose vertical location of a coal seam? Yes $\underline{X}$ No $\underline{\underline{X}}$					
Was log made at request of a coal owner according to Section 45.1-333.B.1 of the Virginia Code? Yes No _X_					
Note: If a coal seam was located, the part of the survey from the surface through the coal is attached in accordance with Section 45.1-333.B.3 of the Virginia Code					
Deviation Surveys Deviation surveys were X were not required under Section 45.1-333.C of the Virginia Code "to the bottom of the lowers published coal seam depth."					
Note: If a deviation survey(s) was/were required, the survey results are as follows:  Depth Feet/Degree Deviated Depth Feet/Degree Deviated of Survey From True Vertical From True Vertical					
A continuous survey waswas not X required, under Section 45.1-333.C of the Virginia Code.  Note: If a continuous survey was required, the survey results are attached. Changes in the Permitted Well Work:  The well operator did did not X make any change(s) in the permitted well work, verbally approved by the Inspector or Assistant Inspector under Regulation 4.03 of the Regulations under the Virginia Oil and Gas Act, for the purpose of insuring successful completion of the well work.  NOTE: The nature and purpose of each such change, if any, is set out below or on additional sheets if such are required.					
0 - 512 - 11 - 311 - 01 - 1					

<u>Confidentiality Status:</u> Confidentiality status under Section 45.1-332 of the Virginia Code: The operator requests that information herein and log(s) be kept confidential (after COMPLETION DATE of the well) for a period of

X Ninety (90) days
two (2) years, if the well is exploratory

Geologica	l General		De	pth		
Age	Formation Lithology	Color		Bottom	Thickness	Remarks
PENNSYLVANIAN	SAND, SHALE & THIN COALS		0	952	952	
PENNSYLVANIAN	UPPER SEABOARD COAL		952	956	4	
PENNSYLVANIAN	SAND, SHALE & THIN COALS		956	1146	190	
PENNSYLVANIAN	GREASY CREEK COAL		1146	1149	3	
PENNSYLVANIAN	SAND, SHALE & THIN COALS		1149	1572	423	
PENNSYLVANIAN	C-SEAM COAL		1572	1575	3	
PENNSYLVANIAN	SAND, SHALE & THIN COALS		1575	1669	94	
PENNSYLVANIAN	BECKLEY COAL		1669	1672	3	
PENNSYLVANIAN	SAND, SHALE & THIN COALS		1672	2417	745	
PENNSYLVANIAN	POCO #1		2417	2420	3	
PENNSYLVANIAN	SAND, SHALE & THIN COALS		2420	2580	160	
MISSISSIPPIAN	RED ROCK		2580	2585	5	
MISSISSIPPIAN	RED ROCK & SHALE		2585	2614	29	
E.						
	LOGGER'S TOTAL DEPTH		2614			

## DIRECTIONAL SURVEY

## WELL PC-317

DEPTH	DEGREES
200	3/4°
450	1°
698	1°
912	1 1/4°
1100	1°
1320	1°
1541	3/4°
1760	1 1/2°
1946	1°
2140	1 1/4°
2323	1 1/4°
2510	1°

