API NO. 45 - 051 - 21687
WELL NAME: JESSEE WAMPLER VC1936
DATE OCTOBER 10, 1991

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

CONFIDENTIAL

REPORT OF COMPLETION OF WELL WORK

Pursuant to Regulation 4.06 of the Regulations under the Virginia Oil and Gas Act, the undersigned well operator reports completion of the type(s) of well work specified below on the referenced well in
WELL TYPE: Oil / Gas _X / Enhanced Recovery / Waste Disposal If Gas-Production _X / Underground Storage / Exempt by Code Section 45.1-300.B.l. from general Oil and Gas Conservation Law yes _X / no WELL WORK: Drill _X / Deepen / Redrill / Stimulate _X / Plug Off Old Formation / Perforate New Formation _X / 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
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 Joseph a. My
ITS SR. ENGINEER
ADDRESS 1989 EAST STONE DRIVE, KINGSPORT, TN 37660
ADDRESS 1989 EAST STONE DRIVE, KINGSPORT, TN 37660 TELEPHONE 615-378-5101
15055282129454

COMPLETION REPORT

WELL TYPE: Oil () Gas Production Enhanced Recovery () Wa	(X) Gas-Underground Storage () aste Disposal ()
LOCATION	
COUNTY DICKENSON	DISTRICTERVINTON
SURFACE ELEVATION2561.10'	QUADRANGLE NORA
LATITUDE 14,600'S 37° 05' 00"	LONGITUDE 8,825'W 82° 15' 00"
DRILLING DATA	
DATE DRILLING COMMENCED 7-31-91 DATE DRILLING COMPLETED 8-5-91 DATE WELL COMPLETED 8-15-91	DRILLING CONTRACTOR UNION DRILLING
DATE DRILLING COMPLETED 8-5-91	ADDRESS P.O. DRAWER 40, BUCKHANNON, WV
TOTAL DEPTH OF COMPLETED WELL ITD-2008	RIG TYPE X ROTARY CABLE TOOL
GEOLOGICAL DATA FRESH WATER AT (1) FEET	RIG IIII A ROTARICADDE 100D
GEOLOGICAL DATA	
FRESH WATER AT (1) FEET	GPM: (2) FEET GPM
FRESH WATER AT (1) FEET SALT WATER AT (1) 2222 FEET 1" ST	R COPM: (2) FEET GPM
COAL SEAMS:	WINING IN ADDA
NAME TOP BOTTOM THICK	NESS YES MINING IN AREA NO MINED OUT
M HORSEPEN 1965 1967 2	VESS TES NO MINED COT
WARCREEK 2088 2090 2	
NAME TOP BOTTOM THICKIDA M. HORSEPEN 1965 1967 2 WARCREEK 2088 2090 2 BECKLEY 2163 2166 3 L. HORSEPEN 2214 2218 4 POCO #2 2739 2741 2 OIL AND GAS SHOWS: 2001 2001 2001	
L. HORSEPEN 2214 2218 4	
POCO #2 2739 2741 2	
OIL AND GAS SHOWS:	
	IPF(MCFD/BOPD) PRESSURE HOURS TESTED
NO SHOWS	
STIMULATION RECORD BECKLEY, WARC	REEK, C-SEAM RIDER, M. HORSEPEN
ZONE (1) POCO #9, L.HORSEPEN, FORMA	PION STIMULATED WITH 700 FOAM
W/ 14000# 12/20 SAND, 700 GAL 15% HCL, 81634	O SCF N2, 795 BBLS FLUID
PERFORATED 1965.5 TO 2296 NO. OF PERFO	DRATIONS 16 PERFORATION SIZE .34"
FORMATION BROKE DOWN AT 688 PS	IG AVERAGE INJECTED RATE 16.34 BPM 5 MINUTE SHUT IN PRESSURE 1396 PSIG
INTITAL SHOT IN PRESSURE 1770 PSIG	
STIMULATION RECORD	
ZONE (2) FORMA	TION STIMULATED WITH
PERFORATEDTONO. OF PER	FORATIONS PERFORATION SIZE
FORMATION BROKE DOWN AT PS	IG AVERAGE INJECTED RATE BPM MINUTE SHUT IN PRESSURE PSIG
INITIAL SHUT IN PRESSUREPSIG	MINUTE SHUT IN PRESSUREPSIG
FINAL PRODUCTION: () NATURAL (X	AFTER STIMILATION
BOD MCFD HOURS TESTE	
ZONE (1)	and the second and the second
ZONE (2)	
FINAL PRODUCTION IF GAS ZONES ARE CO	
	400 PSIG 48 HOURS TESTED
	* NOT ABSOLUTE

SIZE

TOP

BOTTOM

632'

2353

REMARKS: Shut down, fishing jobs, depths and dates, caving, etc.

Is the well underlain by Red Shale X Yes protection string set to Red Shales? X Yes No

30'

CASING AND TUBING

CONDUCTOR 11 3/4"

to Surface 8 5/8"

45.1-334) 4 1/2"

WATER PROTECTION

COAL PROTECTION (Casing Set According to

OTHER CASING & Tubing Left In Well

OTHER used and not

2 3/8"

(Casing Set According to

Section

Section 45.1-334)

LINERS Remaining In Well

left

CASING Circulated and Cemented

PACKERS OR PERFORATIONS BRIDGE PLUGS LENGTH FEET TO FEET KIND SIZE SET AT 20' 622 2780.6' 2770'

___No, If Yes, was coal

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.

Confidentiality Status:

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

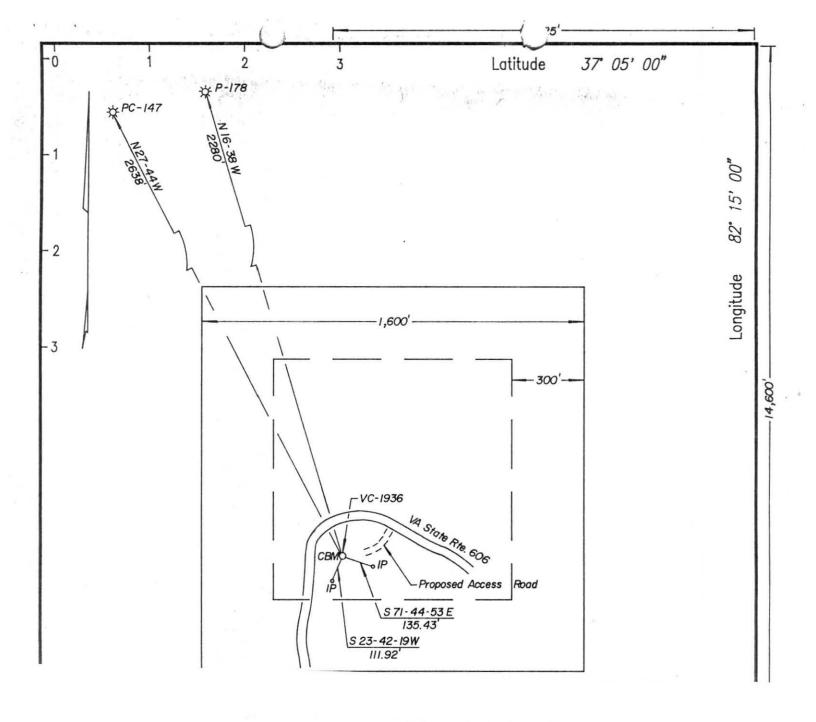
two (2) years, if the well is exploratory

DRILLER'S LOG Compiled by R. J. MACDONALD

Geological		General Depth			pth		
Age		Lithology	Color		Bottom	Thickness	Remarks
PENNSYLVANIAN	SAND, SHALE &	THIN COALS		0	1965	1965	
,	MIDDLE HORSEPI	EN COAL		1965	1967	2	
	SAND, SHALE &	THIN COALS		1967	2088	121	
	WARCREEK COAL			2088	2090	2	
	SAND, SHALE &	THIN COALS		2090	2163	73	
	BECKLEY COAL			2163	2166	3	
	SAND, SHALE &	THIN COALS		2166	2214	48	
	LOWER HORSEPEN	N COAL		2214	2218	4	
	SAND, SHALE &	THIN COALS		2218	2739	521	
	POCO #2 COAL			2739	2741	2	
4	SAND, SHALE &	THIN COALS		2741	2917	176	
MISSISSIPPIAN	RED ROCK			2917	2929	12	
	DRILLER'S TOTA	AL DEPTH			2929		
	LOGGER'S TOTAL	L DEPTH			2908		

DIRECTIONAL SURVEY WELL VC1936

DEPTH	DEGREES
203	1°
419	3/4°
662	1°
816	3/4°
1003	1°
1218	3/4°
1405	1°
1622	1°
1811	3/4°
2029	1°
2215	1 1/4°
2402	1 1/4°
2617	1 1/4°
2929	1 1/4°



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

CONFIDENTIAL

REPORT OF COMPLETION OF WELL WORK

Pursuant to Regulation 4.06 of the Regulations under the Virginia Oil and Gas Act, the undersigned well operator reports completion of the type(s) of well work specified below on the referenced well in ERVINTON District DICKENSON County, Virginia on 15TH day, Month, 19 91 .
WELL TYPE: Oil/ Gas _X / Enhanced Recovery/ Waste Disposal If Gas-Production _X / Underground Storage/ Exempt by Code Section 45.1-300.B.l. from general Oil and Gas Conservation Law yes _X / no WELL WORK: Drill _X / Deepen/ Redrill/ Stimulate _X / Plug Off Old Formation/ Perforate New FormationX / 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.
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DRILLING DATA	
DATE DRILLING COMMENCED 7-31-91	DRILLING CONTRACTOR UNION DRILLING
DATE DRILLING COMPLETED 8-5-91 DATE WELL COMPLETED 8-15-91	ADDRESS P.O. DRAWER 40, BUCKHANNON, WV
DATE WELL COMPLETED 8-15-91	TELEPHONE NUMBER 304/472-4610
TOTAL DEPTH OF COMPLETED WELL LTD=2908	RIG TYPE X ROTARY CABLE TOOL
DTD=2929 GEOLOGICAL DATA	
PRESH WATER AT (1) FEET	CDM: (2) FFFT CDM
FRESH WATER AT (1) FEET SALT WATER AT (1) 2222 FEET 1" ST	R CORM: (2) FEET GPM
2 <u>2222</u> 1331 4 51	Addi. (2)
COAL SEAMS:	
	MINING IN AREA
NAME TOP BOTTOM THICK	NESS YES NO MINED OUT
M. HORSEPEN 1965 1967 2	X
WARCREEK 2088 2090 2	
BECKLEY 2163 2166 3	
M. HORSEPEN 1965 1967 2 WARCREEK 2088 2090 2 BECKLEY 2163 2166 3 L. HORSEPEN 2214 2218 4 POCO #2 2739 2741 2	
POCO #2 2739 2741 2 DIL AND GAS SHOWS:	
	IPF(MCFD/BOPD) PRESSURE HOURS TESTED
NO SHOWS	TIT (MCID/ BOID) TREBBONE MOOKS TEBLES
NO SHOWS	
	2
STIMULATION RECORD BECKLEY, WARC	REEK, C-SEAM RIDER, M. HORSEPEN
ZONE (1) POCO #9, L.HORSEPEN, FORMA	PION STIMULATED WITH /OQ FOAM
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INITIAL SHUT IN PRESSURE 1770 PSIG	IG AVERAGE INJECTED RATE 16.34 BPM 5 MINUTE SHUT IN PRESSURE 1396 PSIG
<u> </u>	
STIMULATION RECORD	
ZONE (2)FORMA	TION STIMULATED WITH
PERFORATEDTONO. OF PER	FORATIONS PERFORATION SIZE IG AVERAGE INJECTED RATE BPM
FORMATION BROKE DOWN ATPS	IG AVERAGE INJECTED RATE BPM MINUTE SHUT IN PRESSURE PSIG
INITIAL SHUT IN PRESSUREPSIG	MINUTE SHUT IN PRESSUREPSIG
ETNAL DEODUCETON. / \ NAMEDAT /-	
	A PERED CUTHILL AUTON
POD HOED HOUSE MEETER) AFTER STIMULATION
BOD MCFD HOURS TESTE) AFTER STIMULATION D ROCK PRESSURE HOURS TESTED
BOD MCFD HOURS TESTE) AFTER STIMULATION D ROCK PRESSURE HOURS TESTED
BOD MCFD HOURS TESTE ZONE (1) ZONE (2)	D ROCK PRESSURE HOURS TESTED
BOD MCFD HOURS TESTE ZONE (1) ZONE (2)) AFTER STIMULATION D ROCK PRESSURE HOURS TESTED MMINGLED * 56 MCFD 6 HOURS TESTED 400 PSIG 48 HOURS TESTED

CASING AND TUBING

PACKERS OR

	SIZE	TOP	BOTTOM	LENGTH	PERFORATIONS FEET TO FEET		
CONDUCTOR	11 3/4"		30'	20'			
CASING Circulated and Cement to Surface	ed		632'	622'			
WATER PROT (Casing Se According Section 45.1-334)	t to		2780.6'	2770 '			
COAL PROTE (Casing Se According Section 45.1-334)	t				× + 1		
OTHER CASI Tubing Lef In Well	t		2353'				
LINERS Remaining In Well							-
OTHER used	and not						
Is the we protection					X YesNo,	If Yes,	was coal
REMARKS:	Shut dow	m, fis	shing jobs	, depths	and dates, cav	ing, etc.	
				3			

		At Acres and the second		
Form 16, Appendix A She	et 3 Well	Name <u>JESSEE W</u>	AMPLER	VC1936
Will X Will not be fu Resou Will Will not X requi	nia Division of Mi rnished to the Vir rces upon request re sacks to be fur	neral Resourc ginia Divisio nished by the	ces on of Mineral	
Electric Logs and Surve	ion of Mineral Res ys: Ran: TEMP/SDL/GR			
Did log disclose vertic	al location of a c	oal seam? Yes	x No	
Was log made at request of the Virginia Code?	of a coal owner	according to	Section 45.1-3	33.B.1
Note: If a coal seam w through the coal is att Virginia Code				
Deviation Surveys Deviation surveys were the Virginia Code "to t	X_were not req he bottom of the l	uired under owers publish	Section 45.1-33 ned coal seam de	33.C of
Note: If a deviation s are as follows:	urvey(s) was/were	required, the	survey results	3
			Feet/Degree Devi _From True Vert	
See A	ttachment		,——————————————————————————————————————	
		×		,
A continuous survey was the Virginia Code. Note: If a continuous Changes in the Permitte The well operator did work, verbally approve Regulation 4.03 of the the purpose of insuring NOTE: The nature and p below or on addi	survey was require d Well Work: did not X make d by the Inspec Regulations under successful comple	any change(s) tor or Assi the Virgini tion of the w	y results are at in the permitt istant Inspectoria Oil and Gas Awell work. any, is set out	ed well or under act, for
Confidentiality Status: Confidentiality status The operator requests confidential (after CON X Ninety (90) days two (2) years, i	under Section 45.1 that informati PLETION DATE of th	on herein e well) for a	and log(s) b	oe kept

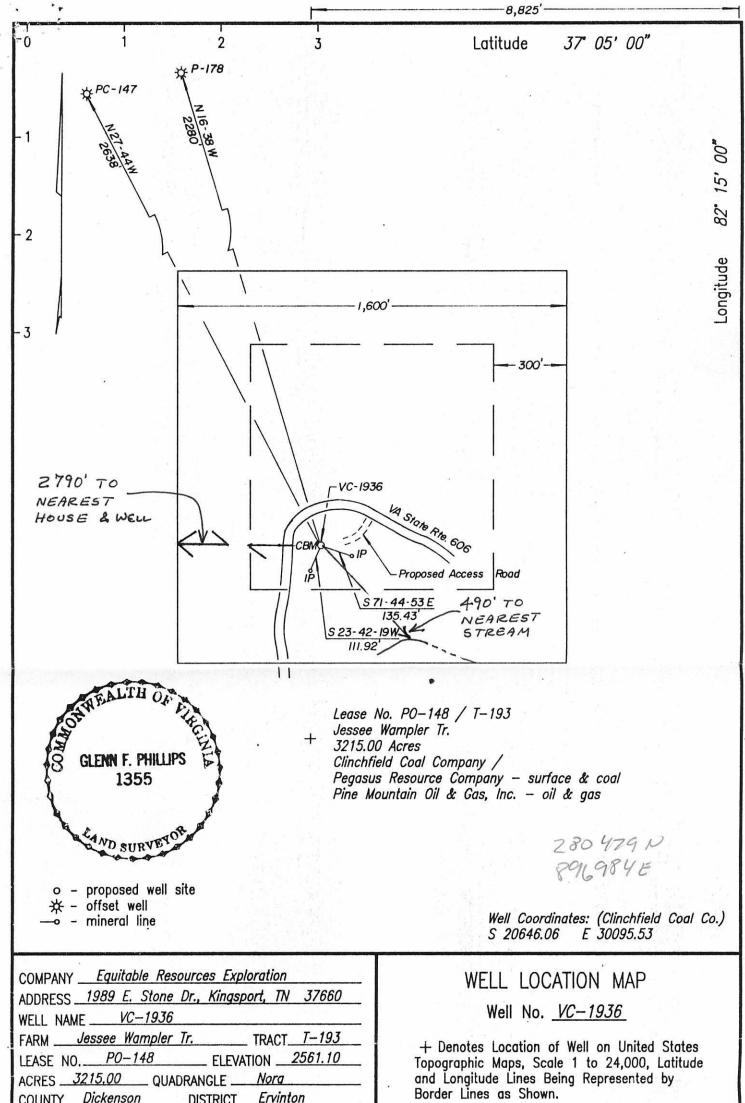
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2929	1 1/4°			



FORM DGO-GO-5

CERTIFICATION OF WELL PLAT

I, the undersigned hereby certify that this plat is correct to the best of my knowledge and belief, and shows all the information required by law and the regulations of the VA Well Rewiew Board.

Registered Engineer or Certified Land Surveyor in Charge