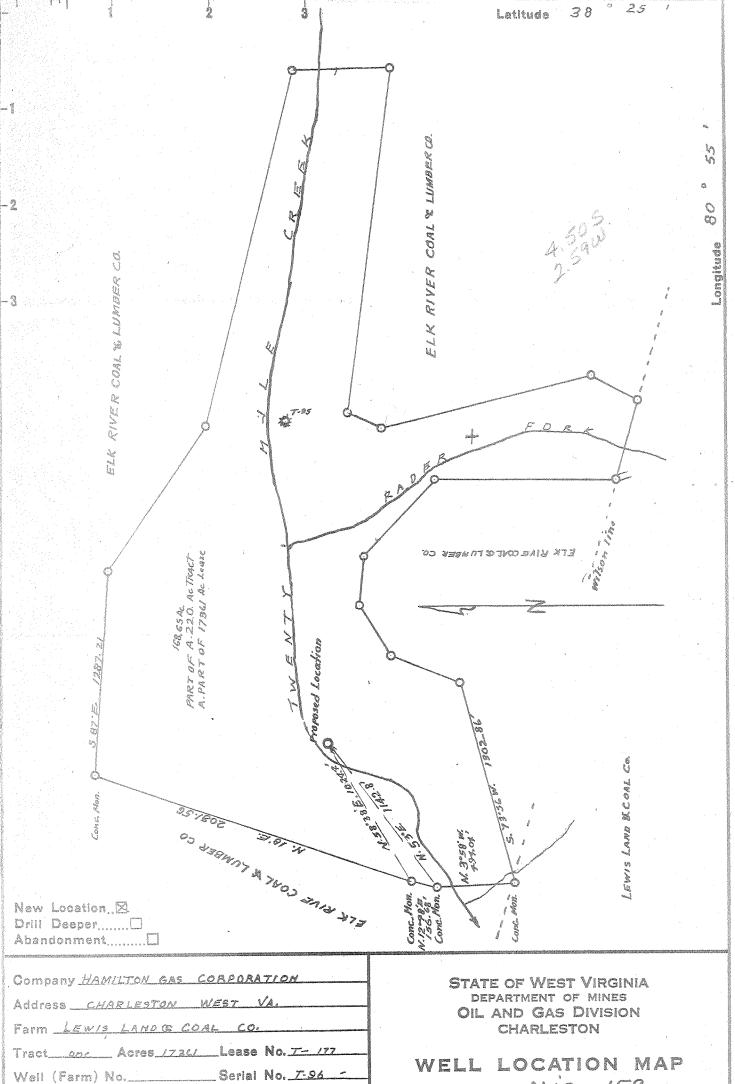


OWD 6-6 Twenty Mile Creek East



Elevation (Spirit Level) \_\_

Engineer Tas. S. Chase

File No.\_\_\_\_

Quadrangle <u>SUMMERSYLLE</u>

Gounty NicHolas District GRANT

Onto November 10: 1954 Scale /" = 600'

\_\_Drawing No. \_

FILE NO.

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, lat-Itude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

### State of West Virginia DEPARTMENT OF ENERGY

Division of Oil and Gas

Well Operator's Report of Well Work

RECEIVE Division of Ene

Farm name: PRIMEACRE LAND CORP.

Operator Well No.: T-96

FFR 2 0 95

LOCATION: Elevation: 1300.00 Quadrangle: GILBOA

Permitting Oil and Gas Section

District: GRANT

County: NICHOLAS

Latitude: 8020 Feet South of 38 Deg. 22Min. 30 Sec. Longitude 1700 Feet West of 80 Deg. 57 Min. 30 Sec.

Company: SOUTHEASTERN GAS CO.

P. O. BOX 2347

CHARLESTON, WV 25328-2347

Agent: FRED A. RADFORD

Inspector: CRAIG DUCKWORTH

Permit Issued: 09/18/90 Well work Commenced: 10/16/90

Well work Completed: 11/01/90

Verbal Plugging

Verbal Flugging
Permission granted on:
Rig Rotary x Cable Rig
Total Depth (feet) 2,140 ft. Fresh water depths (ft)

58 ft., 554 ft. Salt water depths (ft) 1,325 ft.

Is coal being mined in area (Y/N)? N

Coal Depths (ft): N/A

Casing   Used in   Left   Ceme	
Tubing   Drilling   in Well   Cu.	Up Ft.
Size	
10 3/4"   See Original Well Record	
7"   See Original Well Record	
$\frac{4^{\frac{1}{2}}}{2,110}$ 70 s	KS.

OPEN FLOW DATA

Producing formation Big Lime Pages: Initial open flow show MCF/d Oil: Initial open flow 70 MCF/d Final Time of open flow between initial and fistatic rock Pressure 420 psig (surface ps	open flow Bbl/d
Second producing formation	V Zone denth (ft)

Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure \_\_\_\_\_psig (surface pressure) after \_\_\_\_

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

By: Fred A. Radford Vice President-General Manager Date: November 12, 1990

BIG LIME PERFORATIONS: 1,811 ft. to 1,849 ft. 14 holes @ .38 Diameter

BIG LIME TREATMENT:

Acidize w/DGA215 HCl 5,500 gallons (4,000 gal @ 28%, 1,500 gal. @15%)

115,000 scf/N2 Ballout zone with perf balls

Breakdown: 1,630 lbs.

Avg. Treating Press.: 2,100 lbs.

Final Press.: 2,720 lbs. Total Fluid: 257 barrels

ISIP: 2,500 lbs.

15 min. SIP: 1,930 lbs.

#### DRILLER'S RECORD

	FORMATION	ТОР	ВОТТОМ	REMARKS
Origin	al Well Record	0	1591'	Original Total Depth
· · · · <u>_</u>	DRILL DEEPER			
	Red Rock	1591'	1704'	
·	Blue Monday Sand	1704'	1714'	
	Pencil Cave Shale	1714'	1746'	
	Big Lime	1746'	19621	
Į.	Pocono Shale	1962'	20421	
Į	Weir Shale	2042'		riller's Total Depth ogger's Total Depth
			1591 01	w70 dt0
			549 Ne	ev Ctg



#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES OIL AND GAS DIVISION Z

Quadrangle <u>Sum</u>	mersville	· · · · · · · · · · · · · · · · · · ·	S W h Senson h h h		·			
Permit No. Nic	159	embormania usomredeli puovvanasto si argiviam- pietesta iri puovo puova et elektronis	Contract Con	KEGOKL		Oil or G	as WelL	Gas (KIND)
CompanyHa	milton Gas	Corporation		Casing and	Used in	Left in		Packers
Address <u>Ch</u>	arleston,	W. Va.	TO ANN AND THE CONTRACT OF THE	Tubing	Drilling	Well		rackers
Farm <u>Lewis L</u>	and & Coal	Service on an artist of the service	Acres 17.392					
		Greek		Size				
Well No. T-9	<u> 6</u>	***************************************	Elev <u> 1300</u>	16		-	. Kind o	f Packer
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		Address		5 3/16			-	
				8			Perf. to	opq
Drilling completed				2			Perf. b	ottom
			1.570	Liners Used	-	_	Perf. to	)p
With 262#		80% Gelatin					Perf. b	ottom
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	. * .		Inch	CASING CEM	ENTED	_SIZE	No. Ft	Date
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Rock Pressure 2.			hrs.	COAT WAS T	NCOUNTERE	יוי א רו	H.H.H.I.	INCHES
Oil			_bbls., 1st 24 hrs.			4. 1		
Fresh water 581	HEW	feet <u>554</u>	feet					INCHES
Salt water		feet	feet	FEE	TINC	CHES	FEET_	INCHES
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found		Remarks
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RV	AL LIQUID BROWN PROCESSION CONTINUES AND A CON	· · · · · · · · · · · · · · · · · · ·	*

FORM WW-2B

# STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

			METIT MO		APPLICATION	<u>N</u>	
1)	Well Ope	rator:	SOUTHEA:	STERN GAS CO	MPANY 46	400 (2)	364
				T-96			evation: 1300'
4)	Well typ	e: (a) (	oil_/	or Gas			
		(b)	[f Gas:			round Storag	
				Deep	24S	Shallo	W_X/
5)	Proposed	Target I	rormation	(s):B			
6)	Proposed	Total De	epth:	2050		RECEIVE	D
7)	Approxim	ate fresi	n water s	trata dept	hs:	81 -013	1990
8)	Approxim	ate salt	water de	pths:	1200'	FRT. OF E	HERGY
9)	Approxim	ate coal	seam dep	ths:			/
10)	Does lan	d contair	n coal se	ams tribut	ary to act	ive mine? Y	es/ No_X_/
11)	Proposed	Well Wor	ck: Drill	Deeper from	n Maxton to Bi	g Lime.	
12)							
			CASIN	G AND TUBI	NG PROGRAM		
TYPE		SI	PECIFICAT	IONS	FOOTAGE II	TERVALS	CEMENT
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Cond	uctor	13-3/8"			<u></u>	24'	
Fres	h Water	10-3/4"	0	Daniel .	219'	219'	
<u>Coal</u>			U)	Jodkie		>	Pre-Existing
Inte	rmediate	7"	Im		1497'	1497'	
Prod	uction	4-1/2"			2050'	2050'	200
<u>Tubi</u>	ng						36CSP18H1.1
<u>Line</u>	rs						
PACK	<u>ERS</u> : Kin	d					
		ths set			•		
-	ne b						
كندكا			_)/		and Gas Use	<u>-</u>	
	Fee(s) p	aid:	7 Well W	ork Permit	Rec	lamation_Fun	d WPCP

| \_\_ | Bond

Page	1 of RECEIVED 1) 2) 37) Copy (SEP 13 1990 3)	Date: September 13, 1990
Form	WW2-A RECEI	Operator's well number
(09/8	Copy SEP 13 1990 3)  DEPT. OF ENERGY  STATE OF WEST	T-96
rile	CODY SEP TEMERGY	API Well No: 47 - 067 - 0159-DD State - County - Permit
	SEPT. OF	peace county relate
	STATE OF WEST	
	DEPARTMENT OF ENERGY, DI	VISION OF OIL AND GAS
	NOTICE AND APPLICATION F	OD A WELL WORK DEDMIN
	NOTICE AND APPLICATION P	OK A WELL WORK PERMIT
4)	Surface Owner(s) to be served:	5) (a) Coal Operator:
	(a) Name PrimeAcre Land Corporation	Name <u>HPM Corporation</u>
	Address 7012 McCorkle Ave. S.E.	Address Box 138
	Charleston, WV 25304 (b) Name	Drennen, WV 26607 (b) Coal Owner(s) with Declaration
	Address	Name PrimeAcre Land Corp.
		Name <u>PrimeAcre Land Corp.</u> Address 7012 McCorkle Ave. S.E.
	(C) Name	Charleston, WV 25304
	Address	Name
		Address
6)	Inspector <u>Craig Duckworth</u>	(c) Coal Lessee with Declaration
	Address Box 107, Davisson Rt.	Name <u>HPM Corporation</u>
	Gassaway, WV 26624	Address Box 138
	Telephone (304)- <u>364-5942</u>	Drennen, WV 26607
	TO THE PERSON(S) NAMED AB	OVE TAKE NOTICE THAT:
	Included is the lease or leases or	other continuing contract or
Conti	acts by which I hold the right to Included is the information requir	extract oil and gas <u>OR</u>
Sect	ion 8(d) of the Code of West Virgin	ia (see page 2)
	I certify that as required under C	hapter 22B of the West Virginia Code
I hav	ve served copies of this notice and	application, a location plat, and
accor	mpanying documents pages 1 through	on the above named parties, by:
	Personal Service (Affidavit a Certified Mail (Postmarked po	
	Publication (Notice of Public	ation attached)
	I have read and understand Chapter	22B and 38 CSR 11-18, and I agree
נס דו	ne terms and conditions of any perm	it issued under this application.
famil	liar with the information submitted	t I have personally examined and am
attac	chments, and that based on my inqui	ry of those individuals immediately
respo	onsible for obtaining the informati	on, I believe that the information
is t	cue, accurate, and complete.	
info	I am aware that there are signific	ant penalties for submitting false
111101	mation, including the possibility Well Operator	Southeastern Gas Company
	By: 5-12-2	a. () Callorex
	Its:	Vice President
	Address	P 0 Box 2347
	Talanhana	Charleston, WV 25328
Subsc	Telephone cribed and sworn before me this <u>13t</u>	h_day of <u>September</u> , 19 <u>90</u>
	<u> </u>	2 3911
W		Notary Public
my C	ommission expires May 24, 19	993