



Frac. 7/20/83

Company	Perkins Oil & Gas Inc.
Address	Rt. 2, Pennsboro W Va. 26415
Farm	A.G. Ballouz
Tract	one Acres 60.3± Lease No. one
Well (Farm) No.	one Serial No. S.L. 1
Quadrangle	Littleton NC
County	Wetzel
District	Proctor
Engineer	O.S. Rhodes
Engineer's Registration No.	388
File No.	_____ Drawing No. _____
Date	April 22, 1936 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON JUL 25 1983

WELL LOCATION MAP
 FILE NO. 47-103-0115-Frac.

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

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



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IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date Jan 20 1984 Operator's Well No. G.W. Lemasters #1 Farm G.W. Lemasters API No. 47-103-0115-Frac

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil [x] / Gas / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1460 Watershed Rush Run District: Proctor County Wetzel Quadrangle

COMPANY Perkins Oil & Gas, Inc ADDRESS Rt. 1, Pennington, WV 26415 DESIGNATED AGENT Daryl L. Perkins ADDRESS Rt. 2, Pennington, WV 26425 SURFACE OWNER Willard Lemasters ADDRESS Proctor, WV 26055 MINERAL RIGHTS OWNER A.C. Ballouz Heirs ADDRESS New Martinsville, WV 26155 OIL AND GAS INSPECTOR FOR THIS WORK Robert Louther ADDRESS Middlebourne, WV PERMIT ISSUED July 20, 1983 DRILLING COMMENCED July 23, 1983 DRILLING COMPLETED Sept. 15, 1983 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING.. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Gordon Depth 3443 feet Depth of completed well 3443 feet Rotary / Cable Tools X Water strata depth: Fresh feet; Salt feet Coal seam depths: Is coal being mined in the area? NO

OPEN FLOW DATA Producing formation Gordon Pay zone depth 3443 feet Gas: Initial open flow - Mcf/d Oil: Initial open flow 1 Bbl/d Final open flow - Mcf/d Oil: Final open flow 1 Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig (surface measurement) after hours shut in (If applicable due to multiple completion--)

1984 FEB 27 1984

Second producing formation None Pay zone depth feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig (surface measurement) after hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Ran 3393' of 3" on top of bridge. Cemented 3" in. Drilled out bridge and fractured well open hole. Well didn't respond.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
✓ No new drilling was done.					

(Attach separate sheets as necessary)

Perkins Oil & Gas, Inc.
Well Operator

By: Daryl P. Palmer

Date: Jan. 20, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

W E L L R E C O R D

Isa well?
Oil Well ✓

Permit No. Wet-115

Littleton Quad.

Company	J. Thomas McIntire, et al	CASING		
Address	Training School, Vineland, N.J.	Size	Used	Left in Well
Farm	Geo. W. Lemasters - Acres 61	10	660	
Location	Rush Run	8 1/4	1789	
Well No.	1 Elev. 1460'	6-5/8	2259	
District	Proctor County Wetzel	5-3/16	3306	3306
Surface	W. H. Lemasters, Eldorado, Kan.	2		3465
Mineral	A.C. Ballouze, New Martinsville W.Va.			
Drilling	Commenced 5/10/36			
	Completed 8/28.36			
Shot	9/17/36 at depth 3433'			Coal was encountered at
Oil	None			Pitt 1393

Formation Color ^{Hor} Top Base Result					Formation Color ^{Hor} Top Base Result				
Clay	Red	0	16		Red Rock		1445	1480	
Lime		16	25		Sand		1480	1520	
Slate		25	100		Blue Monday		1520	1525	
Lime shell		100	160		Red Rock		1525	1620	
Red Rock		160	180		Lime		1620	1630	
Slate		180	200		Slate		1630	1635	
Lime		200	280		Lime		1630	1650	
Slate		280	320		Slate	Blk.	1650	1670	
Sand		320	345		Red Rock		1670	1700	
Slate		345	365		Lime		1700	1715	
Red Rock		365	375		Slate	"	1715	1720	
Lime		375	380		Lime		1720	1740	
Red Rock		380	395		Slate	Wh.&Blk.	1740	1765	
Lime		395	410		Red rock		1765	1785	
Slate		410	440		Big Dunkard		1785	1810	
Lime		440	460		Slate	Blk.	1810	1860	
Red Rock		460	525		Sand		1860	1890	
Lime		525	550		Slate		1890	1900	
Red Rock		550	560		Sand		1900	1950	
Slate		560	575		Slate	Blk.	1950	1965	
Lime		575	640		Sand has Sand		1965	2055	
Red Rock		640	655		Slate		2055	2065	
Lime		655	690		Sand		2065	2095	
Sand		690	710		Slate	Blk.	2095	2145	
Slate		710	720		Sand salt		2145	2170	
Lime		730	760		Slate	"	2170	2190	
Red Rock		760	770		Lime		2190	2205	
Lime		770	825		Sand salt		2205	2247	
Red Rock		825	830		Slate		2247	2257	
Lime		830	860		Lime		2257	2380	
Slate		860	880		Slate		2380	2390	
Lime		880	900		Sand Maxton		2390	2475	
Red Rock		900	910		Slate	Blk	2475	2507	
Lime		910	920		Little Lime		2507	2516	
Slate		920	965		Pencil Cave		2516	2530	
Lime		965	1020		Big Lime		2530	2590	
Slate		1020	1030		Big Injun		2590	2845	G2695
Lime		1030	1060		Slate Shell		2845	2985	"2698
Slate		1060	1115		Sand		2985	3025	OG3433
Red Rock		1115	1120		Slate & Shell		3025	3280	3436
Lime		1120	1130		Red Rock		3280	3306	
Red Rock		1130	1150		Lime		3306	3320	
Slate		1150	1165		Slate & Shell		3320	3431	
Lime		1165	1285		Gordon S.		3431	3440	
Slate	Bl.	1285	1293		Break		3440	3445	
Slate		1295	1300		Sand		3445	3465	
Lime		1300	1445						
Pitts Coal		1393	1395						



1) Date: May 13, 1983
 2) Operator's Well No. G.W. Lemasters #1
 3) API Well No. 47 103 0115-FRAC
 State County Permit

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X)
- 5) LOCATION: Elevation: 1460 Watershed: Rush Run
 District: Practor County: Wetzel Quadrangle: _____
- 6) WELL OPERATOR Perkins Oil & Gas, Inc. 11) DESIGNATED AGENT Deryl L. Perkins
 Address Rt. 2 Address Rt. 2
Pennsboro, WV 26415 Pennsboro, WV 26415
- 7) OIL & GAS ROYALTY OWNER A.C. Ballouz Heins 12) COAL OPERATOR None
 Address New Martinsville, WV 26155 Address _____
 Acreage 61
- 8) SURFACE OWNER Willard Lemasters 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Silver Hill R.F.D. Name None
Practor, WV 26055 Address _____
 Acreage 61 Name None
 Address _____
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address _____ Name None
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Louther
 Address Middlebourne, WV
- 15) PROPOSED WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Fracture or stimulate X
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) Possibly cement 3 1/2" tubing if necessary
- 16) GEOLOGICAL TARGET FORMATION, _____
- 17) Estimated depth of completed well, 3465 feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No X

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS						FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor									Kinds <u>Lynes</u>	
Fresh water									Sizes <u>5"</u>	
Coal									Depths set <u>App. 3350</u>	
Intermediate									Perforations:	
Production	<u>5 7/16</u>		<u>13</u>				<u>3306</u>		Top _____ Bottom _____	
Tubing	<u>3 1/2</u>		<u>9</u>		<u>X</u>	<u>App. 3350</u>	<u>3350</u>	<u>30 SKS</u>		
Liners										

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Mr. Deryl L. Perkins Signed: Deryl L. Perkins
 My Commission Expires May 24, 1984 Its: V. Price

OFFICE USE ONLY
DRILLING PERMIT

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires March 20, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>NF</u>
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[Signature]
Administrator, Office of Oil and Gas