

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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OCT 16 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Quadrangle Bens Run

Permit No. 073-0926

Rotary X Oil XX
Cable _____ Gas XX
Recycling _____ Comb. XX
Water Flood _____ Storage _____
Disposal _____ Open Pit _____
(Kind)

Company Lauderman Oil & Gas Drilling
Address 311 S. 4th Avenue Paden City, W.Va.
Farm J.E. Kemp Acres 67
Location (waters) Stouts Run
Well No. One Elev. 909
District Union County Pleasants
The surface of tract is owned in fee by _____
Carpenter Aries

Address _____
Mineral rights are owned by James Reiner
Address Arvilla, W.Va.

Drilling Commenced 8/3/80
Drilling Completed 8/15/80
Initial open flow N/A cu. ft. _____ bbls.
Final production N/A cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	250'	250'	20 sacks
9 5/8			
8 5/8	1076'	1076'	Packer
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Shot in Maxon sand 12 qts. Nitro

10-13-81 This well shot - 2 BBLs clay. (Perry)
Not perforated as of 6/24/81.

Coal was encountered at No Coal Feet No Coal Inches
Fresh water 80 Feet 100 Salt Water 80 Feet 1630
Producing Sand Maxon Depth

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale	Gray	Soft	0	110		
Sand	Gray	Soft	110	135		
Lime	Gray	Soft	135	345		
Slate	Black	Soft	345	350		
Slate	Gray	Soft	350	535		
Lime	Gray	Soft	535	685		
Rock	Red	Soft	685	760		
Shale	Gray	Soft	760	840		
Sand	White	Soft	840	880		
Lime	Gray	Soft	880	1010		
Shale	Gray	Soft	1010	1115		
Sand	Sand		1115	1180		
Salt Sand II			1180	1255		
Shale	Gray		1255	1425		
Lime	Gray		1425	1555		
Maxon Sand			1555	1580		
Shale	Gray		1580	1630		

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(over)

* Indicates Electric Log tops in the remarks section.

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date June 11, . 19 81

APPROVED Philip Morgan . Owner

By _____ Land Agent
(Title)

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. L

API Well No. 47-073-0926
State County Permit

WELL TYPE: Oil / Gas

(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 909 Watershed: Stouls Run

District: UNION County: PLEASANTS Quadrangle: BENS RUN

WELL OPERATOR Lauderman Oil & Gas

DESIGNATED AGENT Phillip Morgan

Address 511 S. 4th Ave.

Address same

Aden City WVA-26159

OIL & GAS ROYALTY OWNER J. E. Kemp

COAL OPERATOR J. E. Kemp

Address Bens Run

Address same

Starr Rt.

Acreage 67 acres

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER N. A. Carpenter

Name N/A

Address St. Marys, WVA

Address

Acreage N/A

Name

FIELD SALE (IF MADE) TO:

Address

Name N/A

Address

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COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phil Tracy

Address Alma WVA

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract dated 12/1/1914 1914, to the undersigned well operator from Jimm Ranner, Starr Rt. Bens Run, W. Va.

If said deed, lease, or other contract has been recorded:]

Recorded on Dec 1, 1914, in the office of the Clerk of the County Commission of Pleasants county, West Virginia, in St Marys Book 54 at page 129. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /

Plug off old formation / Perforate new formation /

Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311

Lauderman Oil & Gas Drilling
Well Operator

By Phillip Morgan
Its Agent

BLANKET BOND

Jimmey

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Lauderman Oil & Gas Drilling
Address 34 S. 4th Ave
Proctor City WVA 26159

GEOLOGICAL TARGET FORMATION, Big Injun
Estimated depth of completed well, 1000 feet Rotary / Cable tools X
Approximate water strata depths: Fresh, 110 feet; salt, feet.
Approximate coal seam depths: None Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKL.
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	<u>10"</u>				<input checked="" type="checkbox"/>	<u>267</u>	<u>267</u>	<u>C-Back to SURFACE</u>
Coal								Sizes
Intermediate	<u>8 5/8"</u>				<input checked="" type="checkbox"/>	<u>1060</u>	<u>1060</u>	
Production								Depths set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling within 200 feet of the proposed well.

THIS PERMIT MUST BE SEPARATE FROM IV-2. A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted on the Form IV-2 filed in connection therewith.

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 4-19-81.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19
By
Its