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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle PENNSBORO
Permit No. 47-085-4792

Company <u>DELTA RESOURCES, INC.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>#305, 7030 S Yale, Tulsa, OK 74177</u>	Size			
Farm <u>DELOE</u> Acres _____	20-16			
Location (waters) <u>NORTH FORK - HUGHES RIVER</u>	Cond. <u>11-3/4</u>	20	20	
Well No. <u>2</u> Elev. <u>926</u>	13-10"			
District <u>CLAY</u> County <u>RITCHIE</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	299	299	CIRC
Address <u>53 LORDS HWY., WESTON, CONN. 06880</u>	7			
Mineral rights are owned by <u>RUTH SPENCER, et al</u>	5 1/2			
LIST ATTACHED Address <u>3205 CUSTER ST., PARKERS-</u>	4 1/2		1,931	150 SKS
Drilling Commenced _____ <u>BURG</u>	3			
Drilling Completed <u>5-21-80</u>	2			
Initial open flow <u>TESTING</u> cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Attach copy of cementing record.

Well treatment details:
PERFORATE 10 HOLES 1,884 to 1,915
HALLIBURTON TREATED WITH 20,000# 80/100 SAND AND 20,000# 20/40 SAND
220 BBLs. GEL WATER & NL

Coal was encountered at NO COAL Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand INJUN Depth 1,864 to 1,908

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
SHALE WITH SAND			299	486		*
SAND			486	546		
SHALE			546	634		
SAND			634	640		
RED BEDS			640	764		
SAND			764	808		
SHALE			808	864		
SAND			864	905		
SHALE			904	974		
SAND			974	995		
SHALE			995	1,170		
SAND			1,170	1,192		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
SHALE			1,192	1,226		*
SAND			1,226	1,342		
SHALE			1,342	1,352		
SAND			1,352	1,492		
SHALE			1,492	1,540		
SAND			1,540	1,606		
SHALE			1,606	1,650		
SAND			1,650	1,668		
SHALE			1,668	1,685		
LIME			1,685	1,694		
SHALE			1,694	1,740		
LIME			1,740	1,864		
SAND			1,864	1,908	GAS INJUN	
SHALE			1,908	2,070		
TOTAL DEPTH			2,070			

Date Dec 30, 1950

APPROVED [Signature], Owner

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas XX /
(If "Gas", Production XX / Underground storage / Deep / Shallow XX /)

LOCATION: Elevation: 916' Watershed: North Fork Hughes River
District: Clay County: Ritchie Quadrangle: Pennsboro

WELL OPERATOR DELTA RESOURCES, INC.
~~XXXXXXXXXXXXXXXXXXXX~~
Address Suite 305, 7030 S. Yale
Tulsa, Oklahoma 74136

DESIGNATED AGENT David Freshwater
Address Rt. 119 South
Spencer, W. Va.

OIL & GAS ROYALTY OWNER (List Attached)
Ruth Spencer & others
Address 3205 Custer St.
Rockersburg, W. Va.
Acreage 90

COAL OPERATOR No Coal
Address

SURFACE OWNER Kenneth R. Deloe
Address 53 Lords Highway
Weston, Conn. 06880
Acreage 90

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name
Address
Name
Address

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address
APR 15 1980

OIL & GAS INSPECTOR TO BE NOTIFIED
Name K. Paul Goodknight
Address Smithville, W. Va.
26178

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XX / other contract / dated 6 Nov., 19 79, to the undersigned well operator from Consumers Gas Utility, Inc.

[If said deed, lease, or other contract has been recorded:]
Recorded on To Be Recorded, 19 , in the office of the Clerk of the County Commission of County, West Virginia, in Book at page . A permit is requested as follows:

PROPOSED WORK: Drill XX / 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
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

DELTA RESOURCES, INC.
~~XXXXXXXXXXXXXXXXXXXX~~
Well Operator
By David A. Freshwater
Its Agent

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Contractor Unknown
Address _____

GEOLOGICAL TARGET FORMATION, Ingon

Estimated depth of completed well, 2000' feet Rotary XX / Cable tools /

Approximate water strata depths: Fresh, 2 feet; salt, 2 feet.

Approximate coal seam depths: No Coal 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)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	<u>11 3/4"</u>			X		<u>20'</u>	<u>20'</u>	Kinds
Fresh water								
Coal								Sizes
Intermediate	<u>8 5/8"</u>		<u>20#</u>	X		<u>300'</u>	<u>300'</u>	<u>To Surface</u>
Production	<u>4 1/2"</u>		<u>16 1/2#</u>	X		<u>2000'</u>	<u>2000'</u>	<u>150 SKS</u> 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-8, "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 dwelling within 200 feet of the proposed well.

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 as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 12-17-80.

Robert J. [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 _____