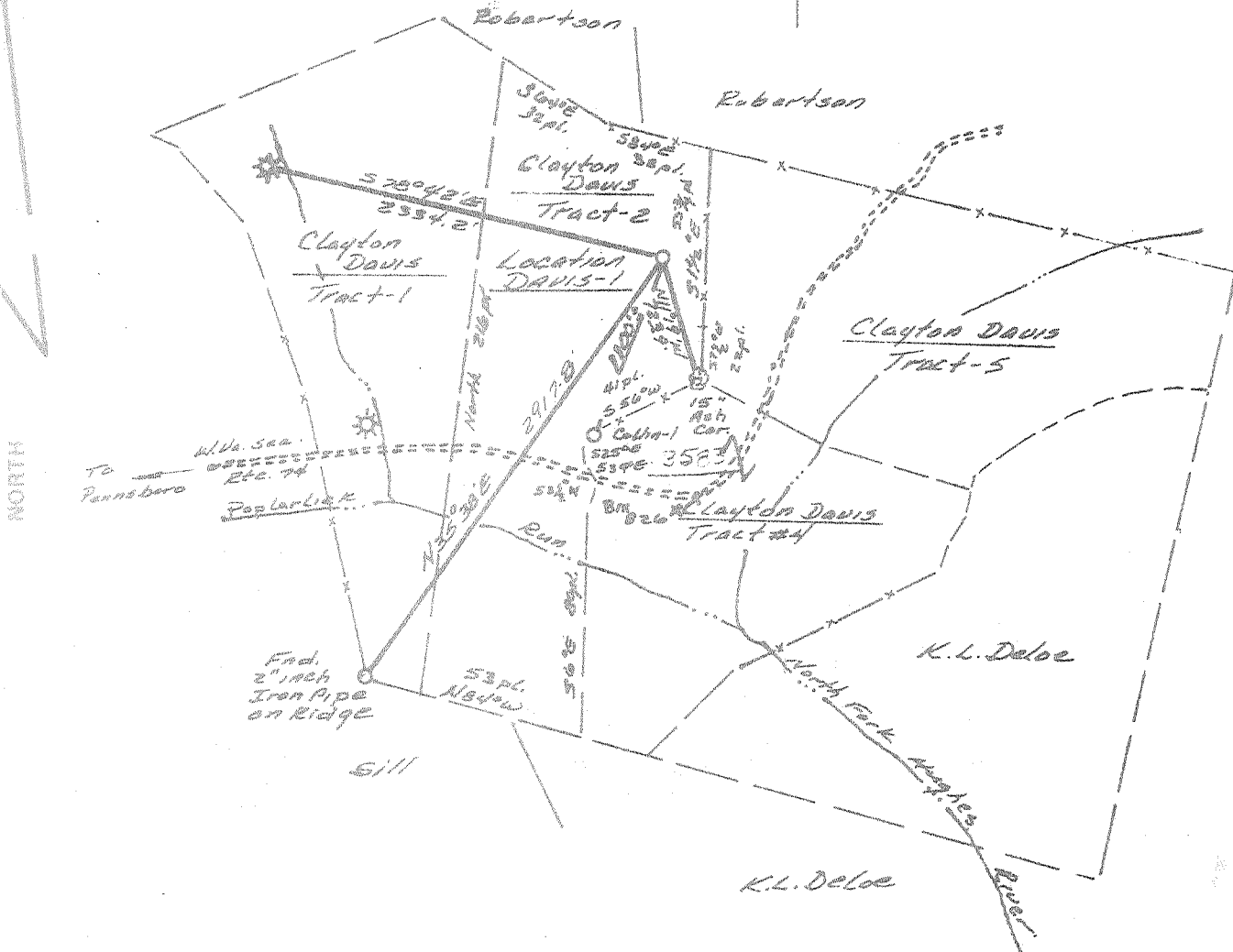
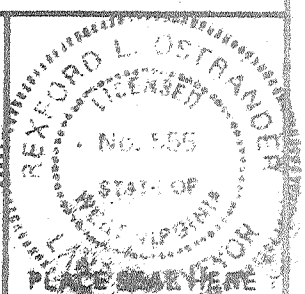


Tepe 7 1/2 min.



FILE NO. 410.01
 DRAWING NO. JM-1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM 247-826
1300' ± SE. of location
As designated on 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 ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Rexford L. Ostrander
 R.P.E. _____ L.L.S. 555



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE 10 December, 19 79
 OPERATOR'S WELL NO. Davis-1
 API WELL NO. 47-085-4474
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1109' SW WATER SHED North Fork Hughes River
 DISTRICT Clay COUNTY Putnam
 QUADRANGLE Pennsboro, W.Va. WEST UNION 15' SW
 SURFACE OWNER Clayton Davis ACREAGE 73.37
 OIL & GAS ROYALTY OWNER Clayton Davis & others LEASE ACREAGE 73.37
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Ingun ESTIMATED DEPTH 2000' ±
 WELL OPERATOR Delta Resources, Inc. DESIGNATED AGENT DAVID FREEMAN
 ADDRESS Suite 305, 7050 S. Yale ADDRESS _____
Tulsa, Oklahoma 74136



WR-35

RECEIVED
Department of Energy
JUN 2 89
Office of Director
Oil and Gas Division

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date JUNE 27, 1980
Operator's
Well No. #1
Farm CLAYTON DAVIS
API No. 47 - 085 - 4474

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

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

LOCATION: Elevation: 1109 Watershed NORTH FORK HUGHES RIVER
District: CLAY County RITCHIE Quadrangle PENNSBORO 7.5

COMPANY DELTA RESOURCES, INC.
ADDRESS SUITE 305 TULSA, OK 74136
DESIGNATED AGENT BILL WILLIAMS
ADDRESS RT 1 BOX 212, WEST UNION, WV 26456
SURFACE OWNER CLAYTON DAVIS
ADDRESS RT 74 PENNSBORO, WVA
MINERAL RIGHTS OWNER RUTH SPENCER & OTHERS
ADDRESS 3205 CUSTER ST PARKERSBURG, WV
OIL AND GAS INSPECTOR FOR THIS WORK PAUL
GOODNIGHT ADDRESS SMITHVILLE, WV 26178
PERMIT ISSUED DEC. 17, 1979
DRILLING COMMENCED JAN. 6, 1980
DRILLING COMPLETED JUNE 25, 1980
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. Includes handwritten notes like 'APP. AMOUNT ROUNDED RECORDS LOST' and 'UNKNOWN RECORDS LOST'.

GEOLOGICAL TARGET FORMATION BIG INJUN Depth 200' feet
Depth of completed well 2280 feet Rotary / Cable Tools X
Water strata depth: Fresh 241 feet; Salt 1700 feet
Coal seam depths: N/A Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation BIG INJUN Pay zone depth 2210 feet
Gas: Initial open flow 310 Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow 480 Mcf/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 425 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

JUN 12 1989

(Continued on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 IN INJUN + SQUAW
 PERFORATED ~~1855-1864~~ 1893-1904, 1931-1937
 RIVER WATER-FRAC.

AMOUNT OF WATER USED, SAND IS UNKNOWN
 (RECORDS LOST)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
			241		WATER (FRESH)
			890 1190	930 1230	WATER-OIL ODOR
			1356 1676	1445 1795	WATER - SALT
SAND			1460 1760	1542 1842	SHOW OF OIL
SAND			1590 1890	1645 1945	
SAND			1678 1978	1708 2008	
SAND LIME			1730 2030	1767 2067	
BIG LIME			1767 2067	1855 2155	
KEENER SAND			1855 2155	1890 2190	GAS
BIG INJUN			2190 2190	2230	OIL SHOW GAS
SQUAW			1930 2230	1980 2280	OIL & GAS

(Attach separate sheets as necessary)

DELTA RESOURCES INC.

Well Operator

By: BILL WILLIAMS FOR KOPPEL OIL & GAS

Date: JUNE 27, 1980

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 coal, encountered in the drilling of a well."
 3852

JUN 12 1989

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage / Deep / Shallow
LOCATION: Elevation: 1109' Watershed: North Fork Hughes River
District: Clay County: Ritchie Quadrangle: Pennsboro, W. Va.

WELL OPERATOR Resources Delta Drilling, Inc. DESIGNATED AGENT John Myung
Address Suite 305, 7030 S. Yale Address Suite 305, 7030 S. Yale
Tulsa, Oklahoma 74136 Tulsa, Oklahoma 74136

OIL & GAS ROYALTY OWNER Ruth Spencer & others (List attached) COAL OPERATOR -No Coal-
Address 3205 Custer St. Address _____
Parkersburg, W. Va.

ACREAGE 73.37 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Clayton Davis Name _____
Address W. Va. Sec. Pt. 74 Address _____
Pennsboro, W. Va. Name _____
ACREAGE 73.37 Address OIL & GAS DIVISION
DEPT. OF MINES

FIELD SALE (IF MADE) TO:
Name _____
Address _____
COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Good Knight
Address Smithville, W. Va.

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated _____, 19____, to the undersigned well operator from _____

[If said deed, lease, or other contract has been recorded:]
Recorded on _____, 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 / 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

Resourses
Delta Drilling, Inc.
Well Operator
By Alvin Soren
Its Petroleum Engineer

4474

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Contractor not known

Address _____

GEOLOGICAL TARGET FORMATION, Ingon

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

Approximate water strata depths: Fresh, 2 feet; salt, 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	11 3/4"			X		20'	20'	Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8"		20#	X		300'	300'	To surface
Production	4 1/2"		16 1/2#	X		2000'	2000'	150 SLS
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 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 8-17-80.

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 _____

685 4474

OIL and GAS ROYALTY OWNERS

(list of names)

Ruth Spencer

Josephine Wilson

Gladis Lysne

Myrdel Collins

Mary Welch

Marie Perkins

Clayton Davis

Fred Folger

Bessie Smith

Arza Folger

Arlene Wheaton

Maomi Loy

Norman Folger

RECEIVED

DEC 13 1979

OIL & GAS DIVISION
DEPT. OF MINES