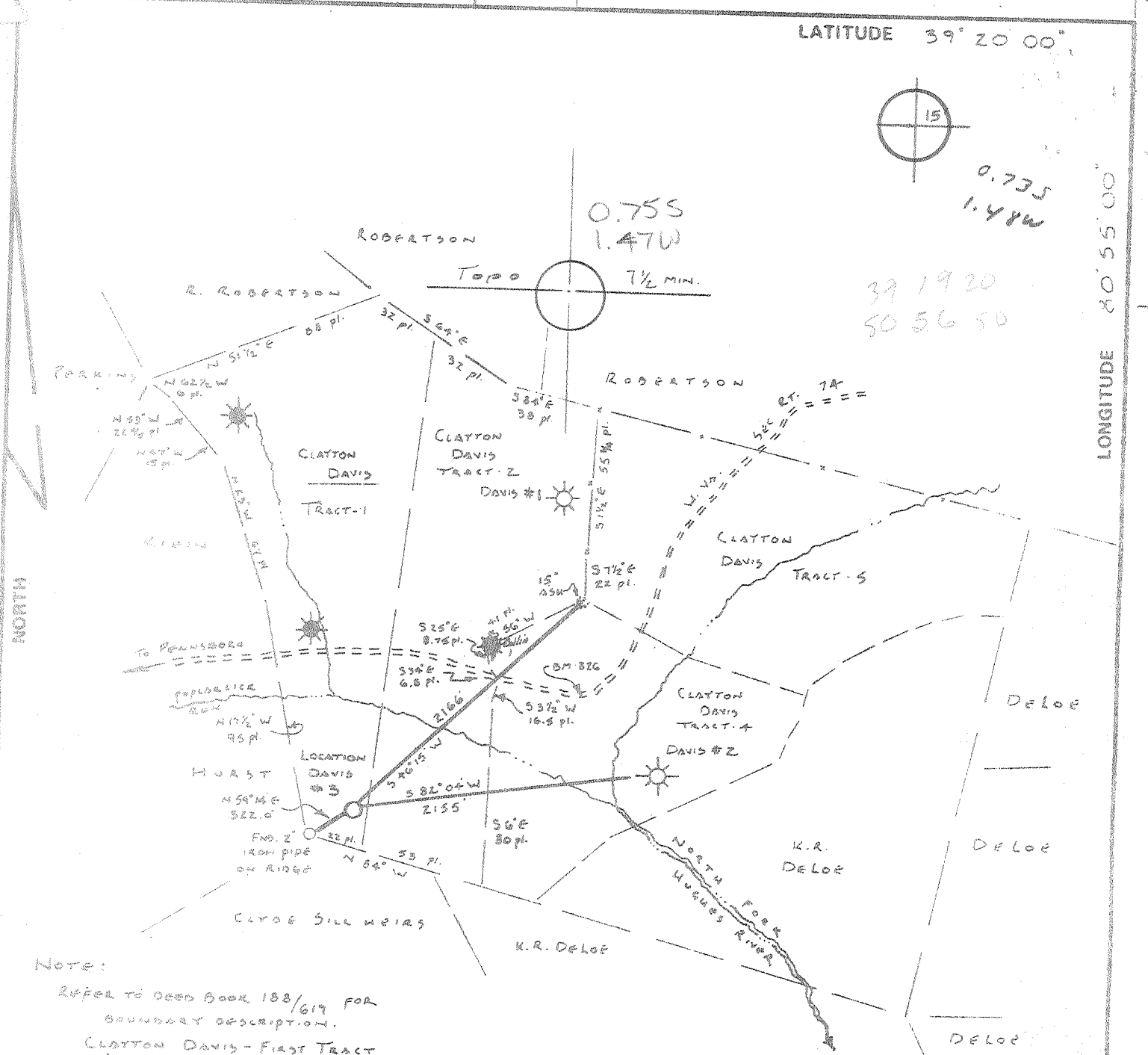


0.735
1.486

39 19 20
50 56 50

LONGITUDE 80° 55' 00"

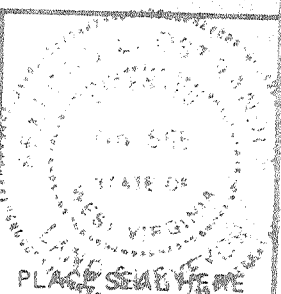


Note:

Refer to Deed Book 188/619 for boundary description.
CLAYTON DAVIS - FIRST TRACT

FILE NO. 410.01
DRAWING NO. JM-3
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION BM-826
1800' ± NE OF LOCATION ALONG W. VA. SEC. RT. 74 (AS SHOWN)

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) Rufford L. Osterlander
R.P.E. _____ L.L.S. 558



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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE 11 APRIL, 1980
OPERATOR'S WELL NO. Davis-3
API WELL NO. 47-085-4790
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS XX LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION XX STORAGE ___ DEEP ___ SHALLOW XX
LOCATION: ELEVATION 1028' WATER SHED NORTH FORK HUGHES RIVER
DISTRICT CLAY COUNTY RITCHIE
QUADRANGLE PENNSBORO, W. VA. WEST UNION 15' SW
SURFACE OWNER CLAYTON DAVIS ACREAGE 77.975
OIL & GAS ROYALTY OWNER Ruth Spencer & others LEASE ACREAGE 77.975
LEASE NO. _____
PROPOSED WORK: DRILL XX 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 INJUN ESTIMATED DEPTH 2000' ±
WELL OPERATOR Delta Resources, Inc. DESIGNATED AGENT DAVID FARRSWATER
ADDRESS SUITE 305, 7030 S. YALE ADDRESS ROUTE 119 SOUTH
TULSA, OKLAHOMA 74136 SPENCER, W. VA.

6-0 PENNSBORO-TOLLGATE

88 MAY 15 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD 17

RECEIVED
JAN - 9 1981

OIL & GAS DIVISION
DEPT. OF MINES
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle PENNSBORO
Permit No. 47-085-4790

Company DELTA DRILLING, INC.
Address #305, 7030 S Yale, Tulsa, OK 74177
Farm DAVIS Acres 77.975
Location (waters) NORTH FORK - HUGHES RIVER
Well No. 3 Elev. 1,038
District CLAY County RITCHIE
The surface of tract is owned in fee by CLAYTON DAVIS
W.VA. SEC. R-74
Address PENNSBORO, W.VA.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 11-3/4 | 20 | 20 | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 337 | 337 | SURF. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 2,189 | 150 SKS |
| 3 | | | 920 TOP |
| 2 | | | |
| Liners Used | | | |

Mineral rights are owned by RUTH SPENCER, et al
LIST ATTACHED Address 3205 Custer, Parkersburg

Drilling Commenced _____
Drilling Completed 5-09-80
Initial open flow TESTING cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Attach copy of cementing record.

Break down with 500 gal. 15% HCL

Treat with 20,000# 80/100 Sand - 20,000# 20/40 Sand 338 BBLs. Gel Water through 10 holes 2053 through 2069

Coal was encountered at No Coal Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand INJUN Depth 2,028 - 2073

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------|-------|--------------|----------|-------------|-------------------|-----------|
| SHALE | | | 980 | 1,020 | * | |
| SAND | | | 1,020 | 1,045 | | |
| SHALE | | | 1,045 | 1,070 | | |
| SAND | | | 1,070 | 1,096 | | |
| | SAND | | 1,096 | 1,140 | | |
| SHALE | | | 1,140 | 1,198 | | |
| SAND | | | 1,198 | 1,206 | | |
| SHALE | | | 1,206 | 1,225 | | |
| SAND | | | 1,225 | 1,240 | | |
| SHALE | | | 1,240 | 1,264 | | |
| SAND | | | 1,264 | 1,282 | | |
| SHALE | | | 1,282 | 1,315 | | |
| SAND | | | 1,315 | 1,362 | | |
| SHALE | | | 1,362 | 1,400 | | |
| SAND | | | 1,400 | 1,486 | | |

(over)

* Indicates Electric Log tops in the remarks section.

FEB 23 1981

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|----------------|-------|--------------|----------|-------------|-------------------|-----------|
| SHALY SAND | | | 1,486 | 1,520 | | * |
| SAND | | | 1,520 | 1,560 | | |
| SHALE | | | 1,560 | 1,584 | | |
| SAND | | | 1,584 | 1,593 | | |
| SHALE & SAND | | | 1,593 | 1,726 | | |
| SAND | | | 1,726 | 1,748 | | |
| SHALE | | | 1,748 | 1,802 | | |
| LIME | | | 1,802 | 1,828 | | |
| SHALE | | | 1,828 | 1,840 | | |
| LIME | | | 1,840 | 2,024 | | |
| SHALE | | | 2,024 | 2,028 | | |
| SAND <i>BT</i> | | | 2,028 | 2,073 | INJUN GAS | |
| SHALE | | | 2,073 | 2,200 | | |
| TOTAL DEPTH | | | 2,200 | | | |

Date Dec 31 1980

APPROVED *[Signature]* Owner

[08-78]

Operator's Well No. Davis #3
API Well No. 47 085 - 4790
State County Permit

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: 1028 Watershed: North Fork Hughes River
District: Clay County: Ritchie Quadrangle: Pennsboro, W. Va.

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

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

OIL & GAS ROYALTY OWNER Ruth Spencer and others
Address 3205 Custer St.
Parkersburg, W. Va.

COAL OPERATOR - NO COAL -
Address _____

SURFACE OWNER Clyton Davis
Address W. Va, Sec. Rt. 74
Pennsboro, W. Va.
Acreage 77.915

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
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 K. Paul Good Knight
Address Smithville, W. Va. 26176

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

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, INGUN

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 | Left in well | | |
| 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" | | 10 1/2# | X | | 2000' | 2000' | 150 SCKS | 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 T. Bell
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

- No Coal -

By _____
Its _____