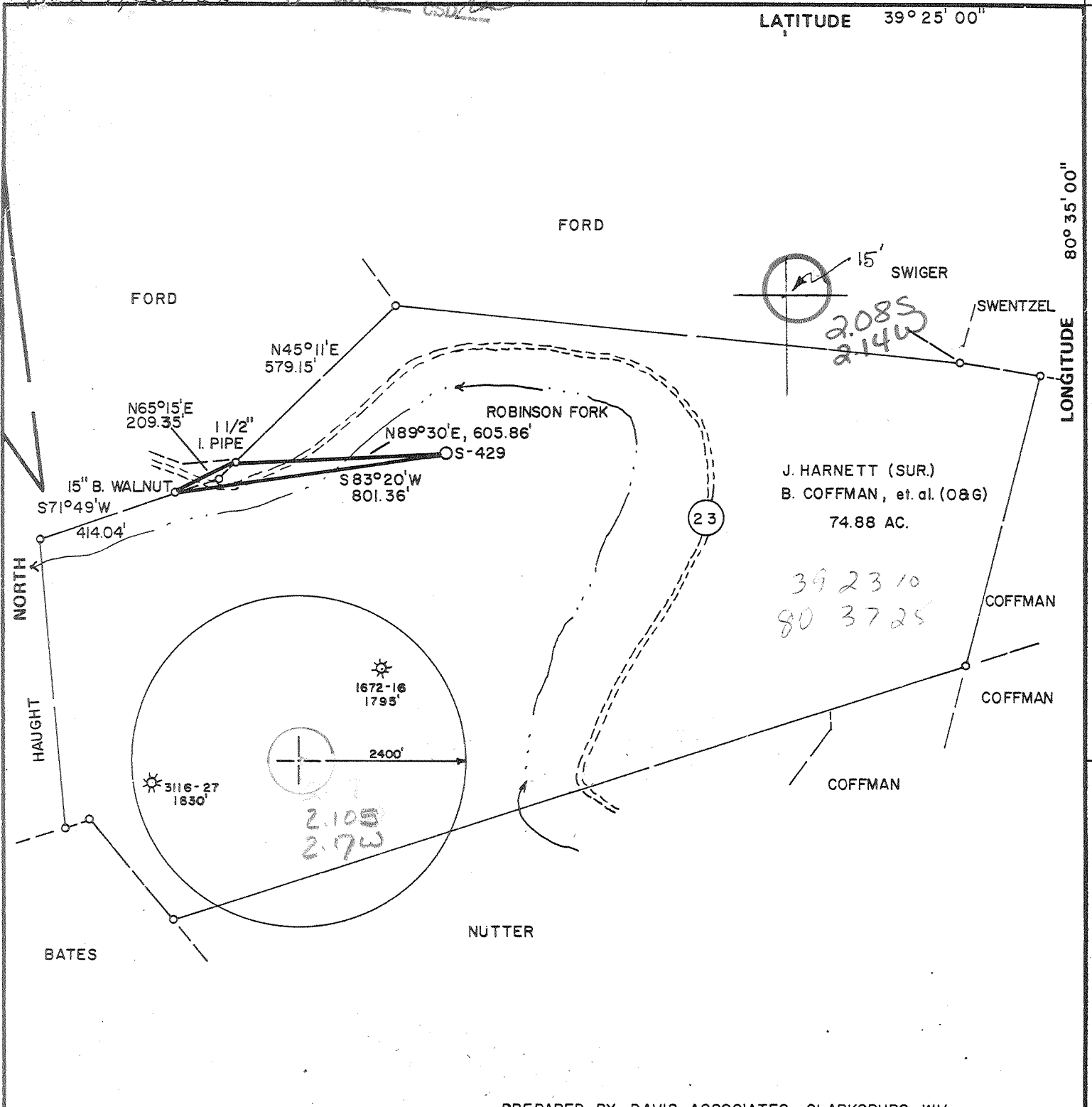


MA 9/25/82

11,380'

LATITUDE 39° 25' 00"

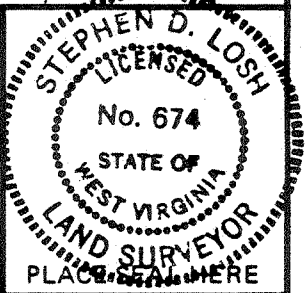
LONGITUDE 80° 35' 00"



PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION B.M. 832' ELEV.

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) Stephen D. Losh  
 R.P.E. \_\_\_\_\_ L.L.S. 674



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE SEPTEMBER 10, 1982  
 OPERATOR'S WELL NO. S-429  
 API WELL NO. COFFMAN NO. 1  
 47 - 017 - 3145  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 793' WATER SHED ROBINSON FORK  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE FOLSOM 7.5 min. Contour 15' C  
 SURFACE OWNER JOHN HARNETT ACREAGE 74.88  
 OIL & GAS ROYALTY OWNER BROOKS COFFMAN LEASE ACREAGE 97.0  
 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 BENSON ESTIMATED DEPTH 5100' 6-6 Smithton-Flint-Sedalia  
 WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT  
 ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112  
 SALEM, WV 26426 SALEM, WV 26426

OCT 04 1982

(99)



RECEIVED

NOV 5 - 1982

IV-35  
(Rev 8-81)

Date Nov. OIL AND GAS DIVISION  
Operator's WV DEPARTMENT OF MINES  
Well No. S-429  
Farm Coffman Heirs # 1  
API No. 47 - 017 - 3145

State of West Virginia  
Department of Mines  
Oil and Gas Division

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: 1203 Watershed Dry Fork

District: McClellan County Doddridge Quadrangle Folsom 7.5'

COMPANY James F. Scott

ADDRESS P.O. Box 112; Salem, WV 26426

DESIGNATED AGENT James F. Scott

ADDRESS P.O. Box 112; Salem, WV 26426

SURFACE OWNER John Harnett

ADDRESS Rt. 2; Salem, WV 26426

MINERAL RIGHTS OWNER Brooks Coffman

ADDRESS Shirley, WV 26434

OIL AND GAS INSPECTOR FOR THIS WORK Stephen

Casey ADDRESS Rt. 2, Box 232-D  
Jane Lew, WV 26378

PERMIT ISSUED Sept. 24, 1982

DRILLING COMMENCED Oct. 7, 1982

DRILLING COMPLETED Oct. 19, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON

| Casing & Tubing  | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. |                  |              |                        |
| 13-10            |                  | 20           |                        |
| 9 5/8            |                  |              |                        |
| 8 5/8            |                  | 1450         | to surface             |
| 7                |                  |              |                        |
| 5 1/2            |                  |              |                        |
| 4 1/2            |                  | 4921         | 650 sks.               |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

GEOLOGICAL TARGET FORMATION Devonian Shale Depth \_\_\_\_\_ feet

Depth of completed well 4956 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 18 - 45 feet; Salt \_\_\_\_\_ feet

Coal seam depths: 1090-1095 Is coal being mined in the area? NO

OPEN-FLOW DATA

Producing formation Benson Devonian Shale Pay zone depth 4865-4871 feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 888 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1600 psig (surface measurement) after 72 hours shut in  
(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ 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

(Continue on reverse side)

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

Devonian Shale  
 80/100 Sand 20,000 Lbs.  
 20/50 Sand 75,000 Lbs.  
 500 Gal HCL Acid 15%

WELL LOG

| FORMATION    | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS<br>Including indication of all fresh and salt water, coal, oil and gas |
|--------------|-------|--------------|----------|-------------|--|
| Subbase      |       |              | 0        | 10          |  |
| Surface Sand |       |              | 10       | 18          |  |
| Sandy Shale  |       |              | 18       | 80          |  |
| Sand         |       |              | 80       | 335         |  |
| Sandy Shale  |       |              | 335      | 1090        |  |
| Coal         |       |              | 1090     | 1095        |  |
| Sandy Shale  |       |              | 1095     | 1550        |  |
| Red Rock     |       |              | 1550     | 1625        |  |
| Shale        |       |              | 1625     | 1665        |  |
| Lime         |       |              | 1665     | 1760        |  |
| Injun        |       |              | 1760     | 1820        |  |
| Pocono       |       |              | 1820     | 1860        |  |
| Sand & Shale |       |              | 1860     | 4840        |  |
| Benson       |       |              | 4840     | 4850        |  |
| Sand & Shale |       |              | 4850     | 4956 TD     |  |

(Attach separate sheets as necessary)

James F. Scott  
 Well Operator  
 By: James F. Scott  
 Date: Nov. 4, 1982

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



(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Benson

Estimated depth of completed well 5100 feet. Rotary X / Cable tools     /  
Approximate water strata depths: Fresh,     feet; salt,     feet.  
Approximate coal seam depths:     feet.  
Is coal being mined in this area: Yes     / No X /

CASING AND TUBING PROGRAM

| CASING OR. TUBING TYPE | SPECIFICATIONS |       |               |     | FOOTAGE INTERVALS |                 | CEMENT FILL- UP OR SACKS Cubic ft. | PACKERS                  |
|------------------------|----------------|-------|---------------|-----|-------------------|-----------------|------------------------------------|--------------------------|
|                        | Size           | Grade | Weight per ft | New | Used              | For Drill- ling |                                    |                          |
| Conductor              | 11 3/4         |       |               |     |                   | 30              |                                    | Kinds                    |
| Fresh water            |                |       |               |     |                   |                 |                                    |                          |
| Coal                   |                |       |               |     |                   |                 |                                    | Sizes                    |
| Intermed.              | 8 5/8          |       |               |     |                   |                 | 800                                | to surface               |
| Production             | 4 1/2          |       |               |     |                   |                 | 5100                               | 325 sks. 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 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,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 5-27-83

BY [Signature]

*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 X / 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 regularions.

Date: 23 September 1982.

By: Willis G. Tetrick Jr.

Its: Agent.