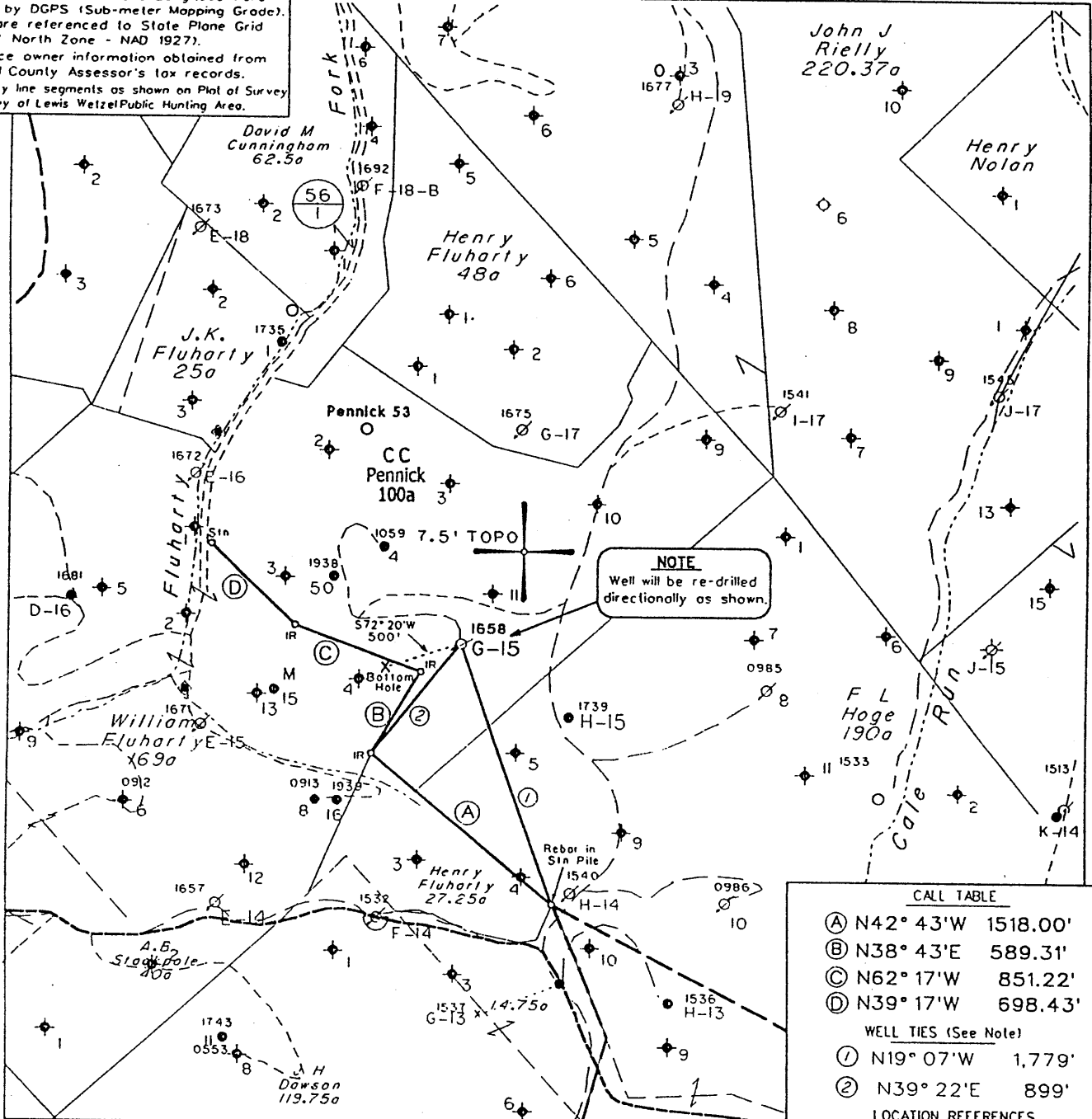


NOTES ON SURVEY

- 1 - Well lies and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade). Bearings are referenced to State Plane Grid North (WV North Zone - NAD 1927).
- 2 - Surface owner information obtained from the Wetzel County Assessor's tax records.
- 3 - Property line segments as shown on Plat of Survey by W.P. Foley of Lewis Wetzel Public Hunting Area.



**NOTE**  
Well will be re-drilled directionally as shown.

**CALL TABLE**

|     |           |          |
|-----|-----------|----------|
| (A) | N42° 43'W | 1518.00' |
| (B) | N38° 43'E | 589.31'  |
| (C) | N62° 17'W | 851.22'  |
| (D) | N39° 17'W | 698.43'  |

**WELL TIES (See Note)**

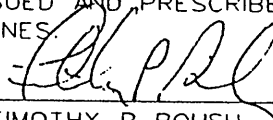
|     |           |        |
|-----|-----------|--------|
| (1) | N19° 07'W | 1,779' |
| (2) | N39° 22'E | 899'   |

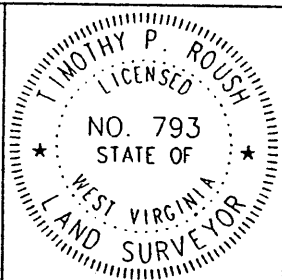
**LOCATION REFERENCES (Magnetic Bearing - Slope Dist.)**

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 MAP NO. \_\_\_\_\_ N \_\_\_\_\_ S \_\_\_\_\_ E \_\_\_\_\_ W \_\_\_\_\_  
 SCALE \_\_\_\_\_ 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY \_\_\_\_\_ 1 in 200  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_ WVDEP Records

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)   
 TIMOTHY P. ROUSH PS 793



**WEST VIRGINIA**  
 Division of Environmental Protection  
 Office of Oil and Gas  
 1356 Honsford St.  
 Charleston, West Virginia 25301



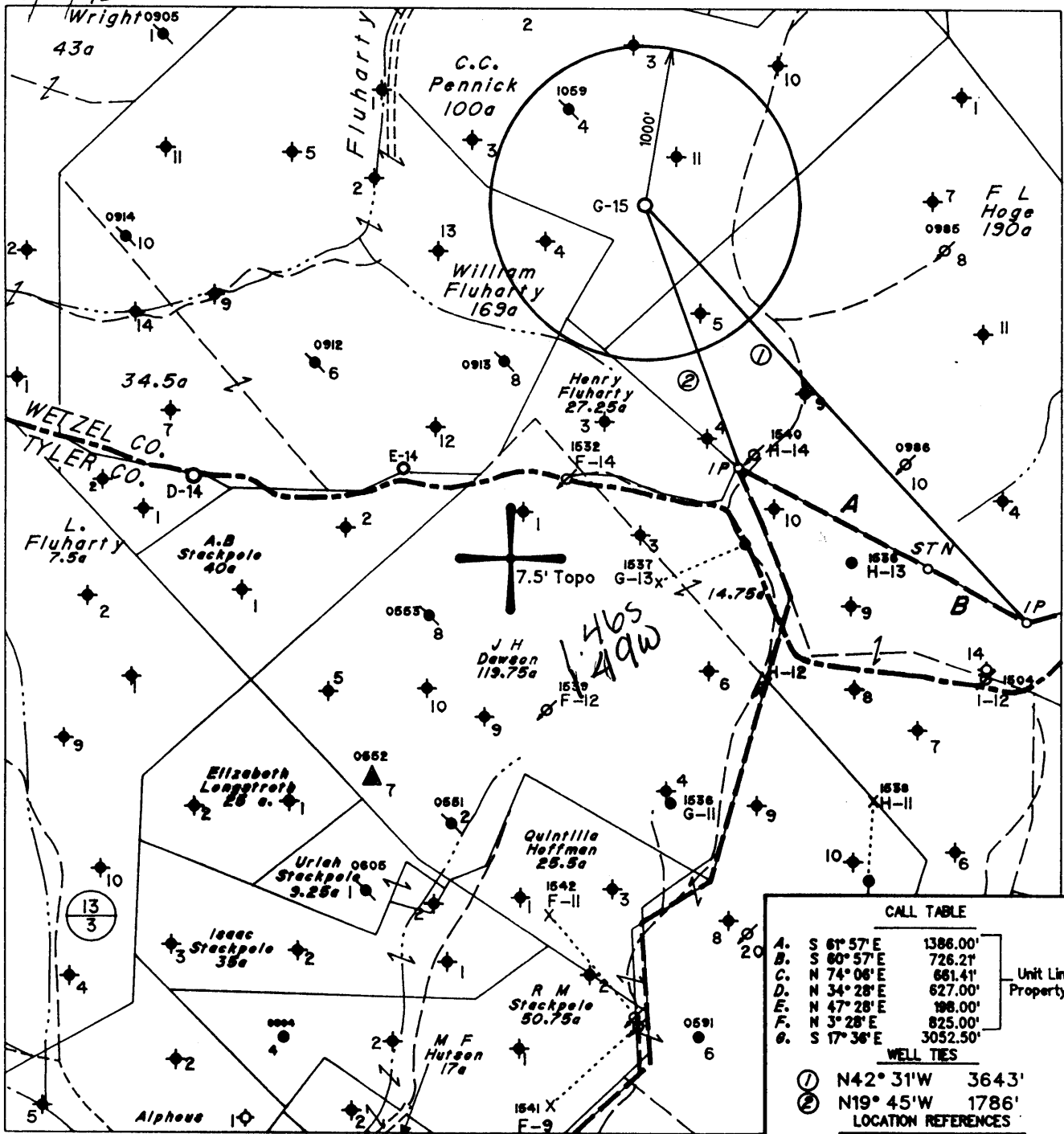
DATE June 5, 2003  
 FARM C.C. Pennick NO. G-15  
 API WELL NO. 47-103-1658PP

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION  WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1,295' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint 7.5'  
 SURFACE OWNER W.Va. Public Lands Corp. ACREAGE 100 Ac.  
 OIL & GAS ROYALTY OWNER East Resources, et al. LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Plug Back and Re-drill Directionally as Shown.  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,350' MD  
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Michael McCown  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
 Vienna, W.Va. 26105 Vienna, W.Va. 26105

JUL 11 2003

WET 1658 PP

GIS 3/2/95



Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

| CALL TABLE |             |          |
|------------|-------------|----------|
| A.         | S 61° 57' E | 1386.00' |
| B.         | S 80° 57' E | 726.21'  |
| C.         | N 74° 08' E | 661.41'  |
| D.         | N 34° 28' E | 627.00'  |
| E.         | N 47° 28' E | 198.00'  |
| F.         | N 3° 28' E  | 825.00'  |
| G.         | S 17° 36' E | 3052.50' |

Unit Line & Property Line

| WELL TIES |                  |
|-----------|------------------|
| ①         | N42° 31' W 3643' |
| ②         | N19° 45' W 1786' |

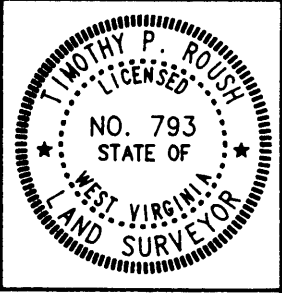
LOCATION REFERENCES

|            |                 |
|------------|-----------------|
| S51° 51' E | 118' 6" Maple   |
| N14° 16' W | 110' 3" Maple   |
| N74° 35' W | 117' 8" Red Oak |

FILE NO. 573  
 MAP NO. N47 N 2 S E W 5  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION USGS BM - 902'

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) *Timothy P. Roush*  
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA  
 DIVISION OF ENERGY  
 OIL AND GAS SECTION



DATE February 15, 19 95  
 FARM C.C. Pennick NO. G-15  
 API WELL NO. 47-103-1658-5

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1295' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint 100  
 SURFACE OWNER State of West Virginia ACREAGE 100 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 100 Ac.  
 LEASE NO. 15687-50  
 PROPOSED WORK: DRILL  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 Gordon ESTIMATED DEPTH 3300'  
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
Vienna, W.Va. 26105 Vienna, W.Va. 26105 8-095

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work

*14003*

Farm name: WV PUBLIC LANDS CORP.  
LOCATION: Elevation: 1,295.00  
District: GREEN  
Latitude: 7,625 Feet south of  
Longitude: 7,900 Feet west of  
Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519  
Agent: MICHAEL MCCOWN  
Inspector: MIKE UNDERWOOD  
Permit Issued: 07/08/03  
Well work Commenced: 10/03/03  
Well work Completed: 11/07/03  
Verbal plugging permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 3371  
Fresh water depths (ft) NA  
Salt water depths (ft) NA  
Is coal being mined in area (Y/N) N  
Coal Depths (ft): NA

Operator Well No.: C C PENNICK G-15  
Quadrangle: CENTERPOINT 7.5'  
County: WETZEL  
39 Deg 30 Min 0 Sec.  
80 Deg 40 Min 30 Sec.

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 7"                   | 528.00           | 528.00       | existing               |
| 4 1/2"               | 3276.00'         | 3276.00'     | existing               |
| 2 7/8"               | 3343.80'         | 3343.80'     | 50 sks                 |
|                      |                  |              |                        |

OPEN FLOW DATA Waterflood injector directionally drilled to new bottom hole location

Producing formation Gordon Pay zone depth (ft) 3257-3274  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig (surface pressure) \_\_\_\_\_ after \_\_\_\_\_ Hours  
Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig (surface pressure) \_\_\_\_\_ after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

DEC 15 2006

For: EAST RESOURCES, INC.  
By: *[Signature]*  
Date: 11/7/07

RECEIVED  
Office of Oil & Gas  
Office of Chief  
NOV 29 2006  
WV Department of Environmental Protection

WET 1058

WT-35 RECEIVED  
 WV Division of Environmental Protection

03-27-95  
 API # 47-103-1658 S

State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas

APR 10 1996

Permitting  
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WVA PUBLIC LAND CO.  
 LOCATION: Elevation: 1,295'  
 District: GREEN  
 Latitude: 7,650 Feet south of  
 Longitude: 7,900 Feet west of

Operator Well No.: C.C. PENNICK G-15  
 Quadrangle: CENTERPOINT  
 County: WETZEL  
 39 Deg 30 Min 0 Sec.  
 80 Deg 40 Min 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY  
 P.O. BOX 5519  
 VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RANDAL MICK  
 Permit Issued: 3/27/95  
 Well work Commenced: 6/21/95  
 Well work Completed: 8/18/95  
 Verbal plugging permission granted on:  
 Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
 Total Depth (feet) 3,297  
 Fresh water depths (ft) NA  
 Salt water depths (ft) NA  
 Is coal being mined in area (Y/N) N  
 Coal Depths (ft): NA

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 8-5/8                | 528'             | 528'         | 200 SKS                |
| 4 1/2"               | 3276'            | 3276'        | 170 SKS                |
|                      |                  |              |                        |
|                      |                  |              |                        |

OPEN FLOW DATA \*Waterflood Injection Well

Producing formation GORDON Pay zone depth (ft) 3142-3206  
 Gas: Initial open flow \* \_\_\_\_\_ MCF/d Oil: Initial open flow \* \_\_\_\_\_ Bbl/d  
 Final open flow \* \_\_\_\_\_ MCF/d Final open flow \* \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \* \_\_\_\_\_ Hours  
 Static rock pressure \* \_\_\_\_\_ psig (surface pressure) after \* \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By: \_\_\_\_\_  
 Date: 4/8/96

**Treatment:** Perforated Gordon 3172-3179 (16 Holes) Treated via 4 1/2" with 300 gal.  
15% HCl Acid, 170 BBL gelled water & 5200# 20/40 Sand.

**Well Log:**

|              |       |   |       |
|--------------|-------|---|-------|
| Sand & Shale | 0     | - | 1706' |
| Sand         | 1706' | - | 1749' |
| Shale        | 1749' | - | 1802' |
| Sand & Shale | 1802' | - | 2086' |
| Sand         | 2086' | - | 2131' |
| Sand & Shale | 2131' | - | 2314' |
| Sand         | 2314' | - | 2340' |
| Shale        | 2340' | - | 2386' |
| Sand         | 2386' | - | 2538' |
| Shale        | 2538' | - | 3142' |
| Gordon       | 3142' | - | 3206' |
| T.D.         | 3297' |   |       |