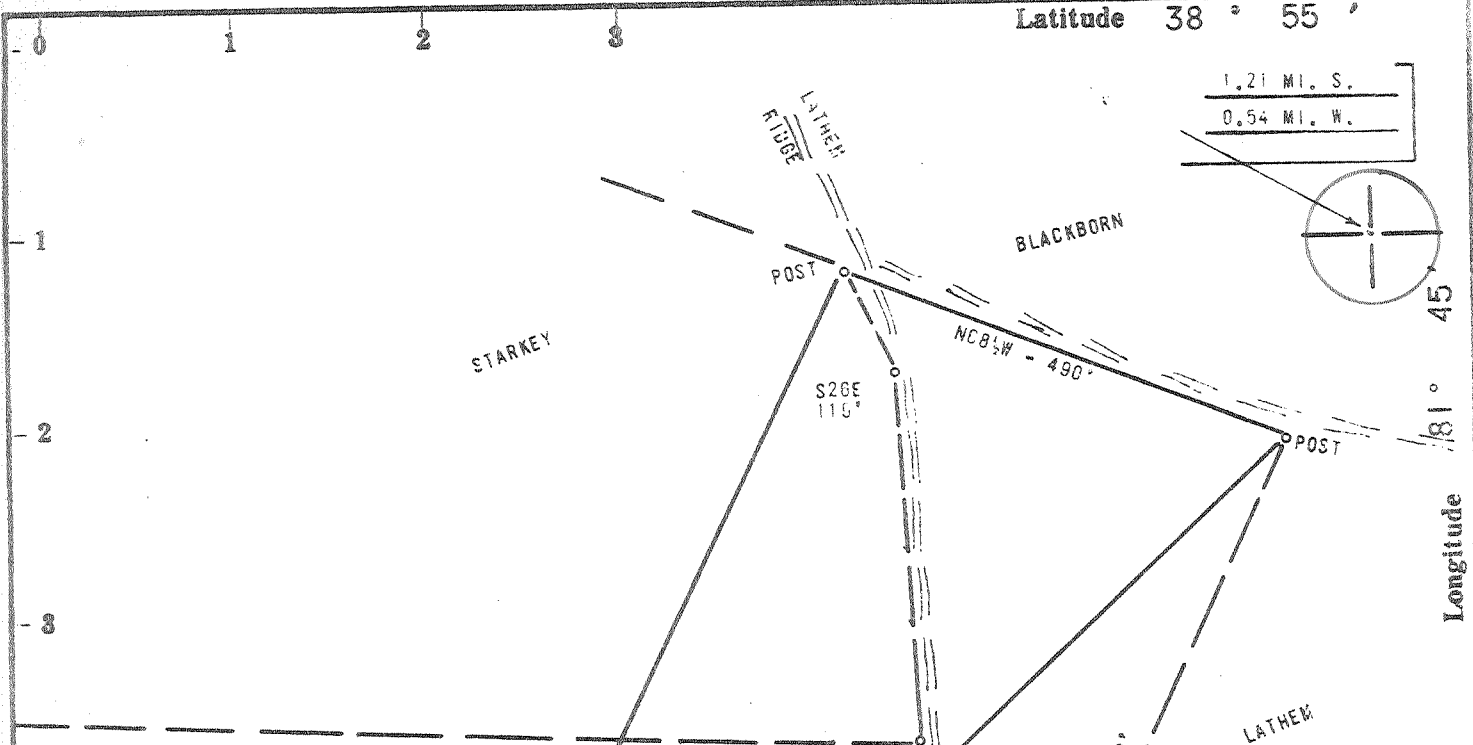
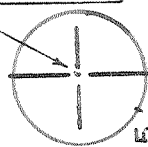


Latitude 38° 55'

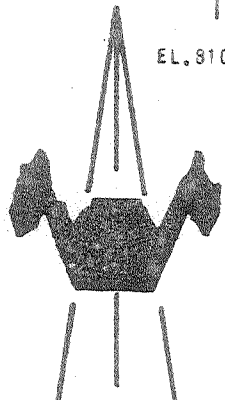


1.21 MI. S.  
0.54 MI. W.



Longitude 81° 45'

VIRGINIA S. SMITH  
37 ACRES



EL. 910'

ACCURACY: 1" / 200'

Source of Elevation ROAD INTERSECTION (858')

- New Location  REVISED
- Drill Deeper
- Abandonment  7/6/77
- Fracture
- Redrill

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*Chet Waterman*

|                             |                          |             |            |
|-----------------------------|--------------------------|-------------|------------|
| Company                     | MID ATLANTIC OIL COMPANY |             |            |
| Address                     | HILLSDALE, MICHIGAN      |             |            |
| Farm                        | VIRGINIA S. SMITH        |             |            |
| Tract                       | Acres                    | 37          | Lease No.  |
| Well (Farm) No.             | 21                       | Serial No.  |            |
| Elevation (Spirit Level)    | 810'                     |             |            |
| Quadrangle                  | RAVENSWOOD               | EC          |            |
| County                      | JACKSON                  | District    | RAVENSWOOD |
| Engineer                    | CHET WATERMAN            |             |            |
| Engineer's Registration No. | 3788                     |             |            |
| File No.                    | 71003-41                 | Drawing No. |            |
| Date                        | 2/7/71                   | Scale       | 1" = 200'  |

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

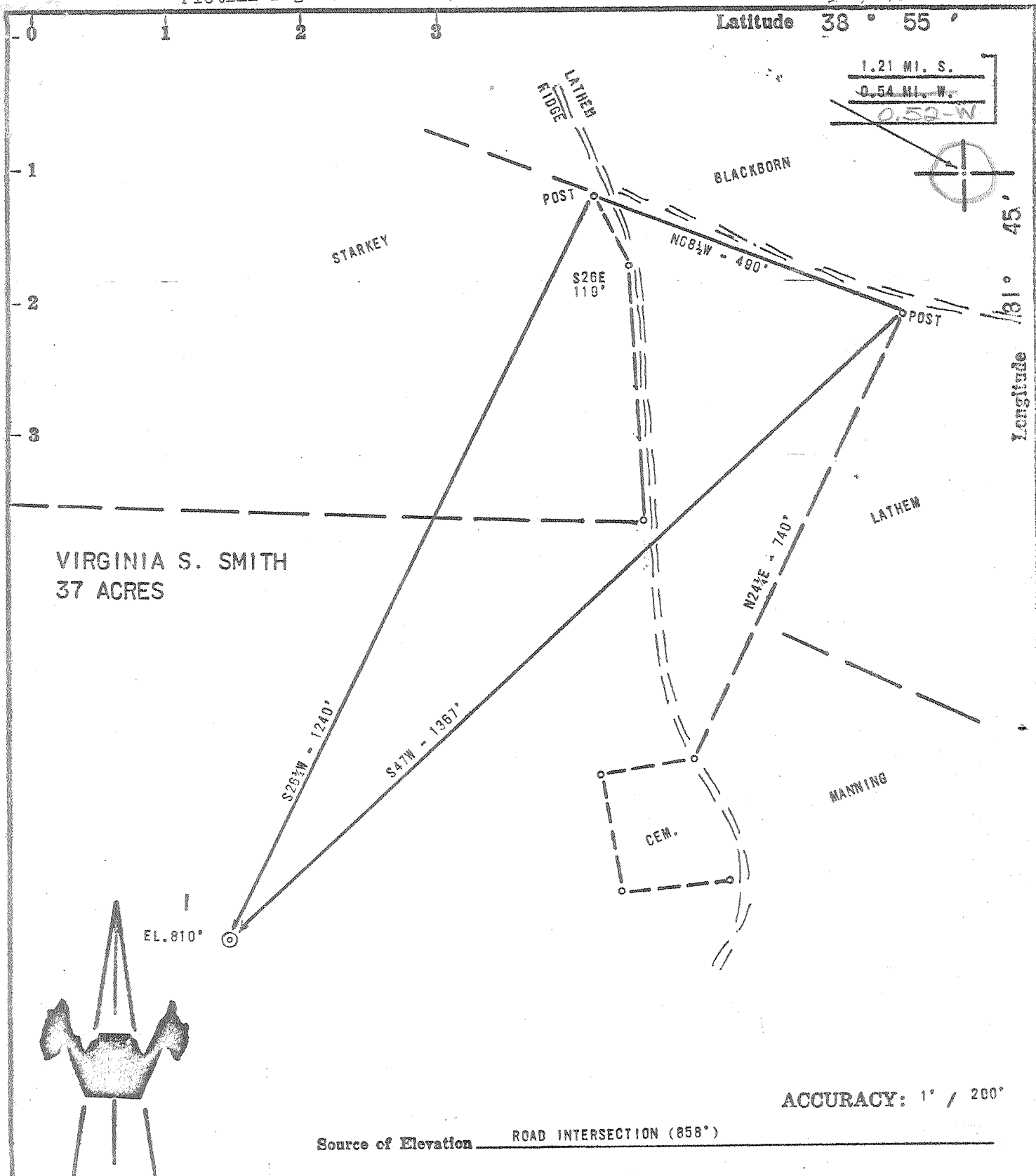
WELL LOCATION MAP  
FILE NO. *47-1262-P*

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

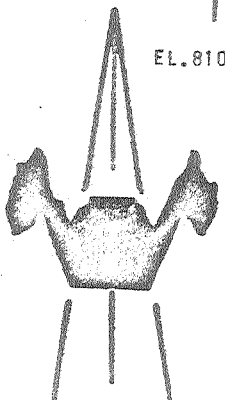
— Denotes one inch spaces on *Deep well* border line of original tracing.

47-035

JUL 27 1977



VIRGINIA S. SMITH  
37 ACRES



ACCURACY: 1' / 200'

Source of Elevation ROAD INTERSECTION (858')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*Chet Waterman*

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

WELL LOCATION MAP  
FILE NO. See-1262

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

|                             |                          |             |            |
|-----------------------------|--------------------------|-------------|------------|
| Company                     | MID ATLANTIC OIL COMPANY |             |            |
| Address                     | HILLSDALE, MICHIGAN      |             |            |
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| County                      | JACKSON                  | District    | RAVENSWOOD |
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| Engineer's Registration No. | 3788                     |             |            |
| File No.                    | 71003-41                 | Drawing No. |            |
| Date                        | 2/7/71                   | Scale       | 1" = 200'  |

D6-6 Ripley 311

Deep well

FEB 22 1971



MAY 17 1971

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION 3.

Rotary   
 Spud   
 Cable Tools   
 Storage  NO. 1  
 Oil or Gas Well Gas  
(KIND)

Quadrangle Ravenswood  
 Permit No. Jac-1262

WELL RECORD

Company Mid Atlantic Oil Company  
 Address Hillsdale, Michigan  
 Farm Virginia S. Smith Acres 37  
 Location (waters) \_\_\_\_\_  
 Well No. One (1) Elev. 822 KB  
 District Ravenswood County Jackson  
 The surface of tract is owned in fee by Virginia Smith  
 Address Harrisburg, Pa.  
 Mineral rights are owned by Virginia Smith & Allen Harpold  
 Address Harrisburg Pa. & Youngstown, Ohio.  
 Drilling commenced 3/16/71  
 Drilling completed 3/31/71  
 Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 13                | 160              | 160          |                |
| 10                |                  |              | Size of        |
| 8 5/8             | 2160             | 2160         |                |
| 6 3/4             |                  |              | Depth set      |
| 5 1/2             | 5315             | 5315         |                |
| 4 1/2             |                  |              | Perf. top      |
| 3                 |                  |              | Perf. bottom   |
| 2                 |                  |              | Perf. top      |
| Liners Used       |                  |              | Perf. bottom   |

Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume Est. 15,000,000 Cu. Ft.  
 Rock Pressure 1650 lbs. 2 1/2 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED (DETAILS) \_\_\_\_\_

Attach copy of cementing record. **See other side**  
 CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 Amount of cement used (bags) \_\_\_\_\_  
 Name of Service Co. Dowell  
 COAL WAS ENCOUNTERED AT None FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED (DETAILS) Dowell J-160 water frac on 4-8-71. Used 546 B.W. & 7000# 20-40 sand. Well not tested. Put directly into line.  
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) Not tested.  
 ROCK PRESSURE AFTER TREATMENT 1700 HOURS 2 1/2  
 Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Newburg Depth 5323 - 5331

15,000,000 MCF

| Formation               | Color                       | Hard or Soft | Top  | Bottom           | Oil, Gas or Water | Depth | Remarks                  |
|-------------------------|-----------------------------|--------------|------|------------------|-------------------|-------|--------------------------|
| Soil                    |                             |              | 0    | 10               |                   |       |                          |
| Sand, Shale, & Red Rock |                             |              | 10   | 1738             |                   |       |                          |
| ✓ Limestone             | <u>Biglime</u>              |              | 1738 | 1860             |                   |       |                          |
| ✓ Big Injun             |                             |              | 1860 | 2010             |                   |       |                          |
| Shale                   |                             |              | 2010 | 4548             |                   |       |                          |
| ✓ Corniferous Ln.       | <u>463</u>                  |              | 4548 | 4640             |                   |       |                          |
| ✓ Oriskany Sd.          |                             |              | 4640 | 4645             |                   |       |                          |
| ✓ Limestone & Dolomite  | <u>(Held. &amp; SALINA)</u> |              | 4645 | 5323             |                   |       |                          |
| ✓ Newburg               |                             |              | 5323 | 5331             |                   |       | Gas - Est. 15 MM cu. ft. |
| ✓ Dolomite              | <u>MCKZ</u>                 |              | 5331 | 5345             |                   |       |                          |
|                         |                             |              |      | 5345 TOTAL DEPTH |                   |       |                          |

(over)



RECEIVED  
JAN 21 1981

FORM OG-8

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

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

|                         |   |
|-------------------------|---|
| COAL OPERATOR OR OWNER  | Mid-Atlantic Oil Company                |
| ADDRESS                 | P.O. Box 280, Hillsdale, Michigan 49242 |
| COAL OPERATOR OR OWNER  | NAME OF WELL OPERATOR                   |
| ADDRESS                 | November 26th, 19 80                    |
| LEASE OR PROPERTY OWNER | WELL AND LOCATION                       |
| ADDRESS                 | Ravenswood District                     |
|                         | Jackson County                          |
|                         | Well No. JAC 1262                       |
|                         | Virginia Smith Farm                     |

STATE INSPECTOR SUPERVISING PLUGGING..... Fred Burdette

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Jackson } SS:

Allen Callahan and Jim Burns  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by J. I. Burns & Son, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 24th day of November, 1980, and that the well was plugged and filled in the following manner:

| SAND OR ZONE RECORD<br>FORMATION | FILLING MATERIAL  | PLUGS USED<br>SIZE & KIND | CASING                  |             |
|----------------------------------|---|---------------------------|-------------------------|-------------|
|                                  |   |                           | CSG PULLED              | CSG LEFT IN |
| Newburg                          | Cement - 28 sacks<br>260 ft. fill-up<br>5100-3600 ft. filled<br>with jell | 5-1/2 pipe<br>Cement      |                         |             |
| Shale                            | Pipe shot off<br>Pulled 2 joints<br>Cemented<br>3500 ft. - 2200<br>jell   | Cement<br>17 sacks        | 3600 ft.                | 1745 ft.    |
| Shale                            | 2260 - 2060<br>2060 - 500 ft. jell  | Cement                    |                         | 2160-8-5/8  |
| Shale                            | 500 ft. to surface<br>filled cement                                       | Cement                    |                         |             |
| COAL SEAMS                       |   |                           | DESCRIPTION OF MONUMENT |             |
| (NAME)                           |   |                           | 8-5/8 pipe filled with  |             |
| (NAME)                           |   |                           | cement - 36" high       |             |
| (NAME)                           |   |                           |                         |             |
| (NAME)                           |   |                           |                         |             |

and that the work of plugging and filling said well was completed on the 26th. day of November, 1980.

And further deponents saith not.

Sworn to and subscribed before me this 6th day of January, 1981.

My commission expires:

10-29-84

Michael Young  
Jay M. Flood  
Notary Public.

Permit No. 47-035-1262P