

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Dempsey Associates.** 17 Radio Plaza. Santa Fe, New Mexico. Company or Operator  
**Geo. A. Hood.** Well No. 1 in **N. 29N.** of Sec. 6, T. 29N. Lease  
R. 12 E., N. M. P. M. Field, **San Juan** County.  
Well is **180** feet south of the North line and **1950** feet west of the East line of **Sec. 6, T. 29N., R. 12E., N.M.P. 1.**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Geo. A. Hood.** Address **Farmington, New Mexico.**  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced **April 15th** 19 **48** Drilling was completed **May 20th** 19 **48**  
Name of drilling contractor **Maddox and West.** Address **Astec, New Mexico.**  
Elevation above sea level at top of casing **5442.5** feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **24 None.** to No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.  
No. 1, from **20** to **88** feet. **Water rose to 10 feet surface**  
No. 2, from **560** to **635** feet. **water rose 200 feet.**  
No. 3, from **735** to **755** feet. **About 100 gallon per hour.**  
No. 4, from to feet.

CASING RECORD

| SIZE          | WEIGHT PER FOOT | THREADS PER INCH | MAKE       | AMOUNT      | KIND OF SHOE | CUT & FILLED FROM | PERFORATED |    | PURPOSE                  |
|---------------|-----------------|------------------|------------|-------------|--------------|-------------------|------------|----|--------------------------|
|               |                 |                  |            |             |              |                   | FROM       | TO |                          |
| <b>16"</b>    | <b>50</b>       | <b>8</b>         | <b>Hop</b> | <b>20'</b>  | <b>Texas</b> |                   |            |    | <b>Conductor</b>         |
| <b>13-3/8</b> | <b>48</b>       | <b>8</b>         | <b>"</b>   | <b>195'</b> | <b>"</b>     |                   |            |    | <b>Water string</b>      |
| <b>10-5/8</b> | <b>42</b>       | <b>8</b>         | <b>"</b>   | <b>662</b>  | <b>"</b>     |                   |            |    | <b>Water string</b>      |
| <b>8-5/8</b>  | <b>32</b>       | <b>8</b>         | <b>"</b>   | <b>1100</b> | <b>"</b>     |                   |            |    | <b>Water string</b>      |
| <b>5-1/2</b>  | <b>14</b>       | <b>8</b>         | <b>"</b>   | <b>1466</b> | <b>"</b>     |                   |            |    | <b>Production String</b> |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET   | NO. SACKS OF CEMENT | METHODS USED       | MUD GRAVITY | AMOUNT OF MUD USED     |
|--|----------------|-------------|---------------------|--------------------|-------------|------------------------|
| <b>All casing with exception of the 5 1/2" production string was landed temporarily for casing and water shut off.</b> |                |             |                     |                    |             |                        |
| <b>8"</b>  | <b>5 1/2"</b>  | <b>1466</b> | <b>50</b>           | <b>Haliburton.</b> |             | <b>25 sacks aqueal</b> |
| <b>After landing and cementing the production string well was filled to surface with slush pit mud.</b>                |                |             |                     |                    |             |                        |

Heaving plug—Material **None** Length Depth Set  
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE      | SHELL USED   | EXPLOSIVE OR CHEMICAL USED | QUANTITY          | DATE           | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|-----------|--------------|----------------------------|-------------------|----------------|-----------------------|-------------------|
| <b>5"</b> | <b>Metal</b> | <b>Nitro-Gly.</b>          | <b>50 quarts.</b> | <b>5-15-48</b> | <b>33feet</b>         | <b>1512'</b>      |

Results of shooting or chemical treatment **Results were unsatisfactory, no permanent increase in gas flow.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet  
Cable tools were used from **0** feet to **1530'** feet, and from feet to feet

PRODUCTION

Put to producing, 19  
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours **100,000** Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. **525** **Production gradually exhausted**

EMPLOYEES

**Floyd H. West.** Driller **Jack Beasley.** Driller  
**C. A. Wilson.** Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **19th** day of **January**, 19 **50**  
**Shelby B. Armstrong Jr.** Notary Public  
My Commission expires **April 16, 1950**

**Astec, New Mexico** 1-19-50  
Name **Robert V. Maddox**  
Position **Agent.**  
Representing **Dempsey Associates.** Company or Operator  
Address **17 Radio Plaza, Santa Fe, N.M.**

# FORMATION RECORD

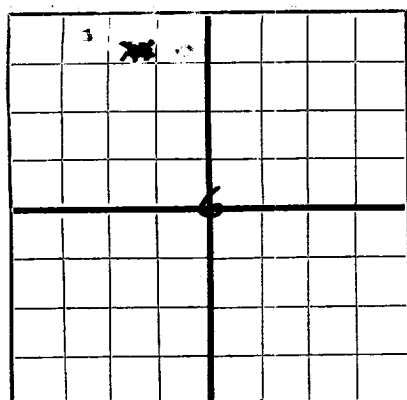
| FROM  | TO   | THICKNESS<br>IN FEET | FORMATION                           |
|---|------|----------------------|-------------------------------------|
| 0   | 9    | 9                    | surface soil.                       |
| 9   | 20   | 11                   | boulders.                           |
| 20  | 88   | 68                   | sand rock . water.                  |
| 88  | 195  | 107                  | shale.                              |
| 195   | 200  | 5                    | sand rock                           |
| 200   | 287  | 87                   | shale                               |
| 287   | 350  | 63                   | sand rock                           |
| 350   | 430  | 80                   | shale, sand lenses.                 |
| 430   | 460  | 30                   | sandy shale                         |
| 460   | 490  | 30                   | sandy shale                         |
| 490   | 515  | 25                   | sand rock                           |
| 515   | 560  | 45                   | shale.                              |
| 560   | 635  | 75                   | sand rock. water.                   |
| 635   | 685  | 50                   | shale                               |
| 685   | 735  | 50                   | sandy shale                         |
| 735   | 755  | 20                   | sand rock , water.                  |
| 755   | 785  | 30                   | shale.                              |
| 785   | 850  | 65                   | sand rock                           |
| 850   | 875  | 25                   | shale                               |
| 875   | 980  | 105                  | sandy shale.                        |
| 980   | 1310 | 230                  | shale.                              |
| 1310  | 1325 | 15                   | sand rock                           |
| 1325  | 1425 | 100                  | shale, covey                        |
| 1425  | 1435 | 10                   | coal                                |
| 1435  | 1452 | 17                   | shale.                              |
| 1452  | 1455 | 3                    | coal                                |
| 1455  | 1466 | 11                   | shale. Top Picture Cliff sand 1466' |
| 1466  | 1530 | 64                   | sand. Picture Cliff. show of gas.   |
| <p>Plugged well back to 1512' shot with 50<br/>quartz nitro 1476' to 1512. Cleaned out<br/>and ran syphon line (1") with jet nipples<br/>installed at 100' 350' and 900' from<br/>bottom of well.</p> |      |                      |                                     |

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

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AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Danbury Assoc.** Company or Operator **17 Radio Plaza, Santa Fe, New Mexico.** Address  
**Geo. A. Wood** Lease Well No. **1** in **Section 4** of Sec. **6**, T. **39 N.**  
R. **12 W.**, N. M. P. M., **San Juan** Field, **San Juan** County.  
Well is **12** feet south of the North line and **12** feet west of the East line of  
If State land the oil and gas lease is No. **1** Assignment No. **1**  
If patented land the owner is **Geo. A. Wood** Address **Burlington, N.J.**  
If Government land the permittee is **Geo. A. Wood** Address **Burlington, N.J.**  
The Lessee is **Geo. A. Wood** Address **Burlington, N.J.**  
Drilling commenced **Apr 25th** 19**48** Drilling was completed **May 20th** 19**48**  
Name of drilling contractor **Mason and Sons** Address **Albany, N.Y.**  
Elevation above sea level at top of casing **5442.5** feet.  
The information given is to be kept confidential until **19**

OIL SANDS OR ZONES

No. 1, from **12** to **12** No. 4, from **12** to **12**  
No. 2, from **12** to **12** No. 5, from **12** to **12**  
No. 3, from **12** to **12** No. 6, from **12** to **12**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **20** to **20** feet. **water rose to 20 feet surface.**  
No. 2, from **560** to **605** feet. **water rose 200 feet**  
No. 3, from **735** to **735** feet. **100 gallons per hour.**  
No. 4, from **735** to **735** feet.

CASING RECORD

| SIZE           | WEIGHT PER FOOT | THREADS PER INCH | MAKE       | AMOUNT       | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM | TO | PURPOSE                  |
|----------------|-----------------|------------------|------------|--------------|--------------|-------------------|-----------------|----|--------------------------|
| <b>16"</b>     | <b>50</b>       | <b>8</b>         | <b>Reg</b> | <b>20'</b>   | <b>Down</b>  |                   |                 |    | <b>Conductor</b>         |
| <b>19-3/8"</b> | <b>48</b>       | <b>8</b>         | <b>"</b>   | <b>133'</b>  | <b>"</b>     |                   |                 |    | <b>water string</b>      |
| <b>10-5/8"</b> | <b>42</b>       | <b>8</b>         | <b>"</b>   | <b>662'</b>  | <b>"</b>     |                   |                 |    | <b>water string</b>      |
| <b>8-5/8"</b>  | <b>32</b>       | <b>8</b>         | <b>"</b>   | <b>1100'</b> | <b>"</b>     |                   |                 |    | <b>water string</b>      |
| <b>5-1/2"</b>  | <b>14</b>       | <b>8</b>         | <b>"</b>   | <b>714'</b>  | <b>"</b>     |                   |                 |    | <b>production string</b> |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET   | NO. SACKS OF CEMENT | METHODS USED       | MUD GRAVITY | AMOUNT OF MUD USED   |
|--------------|----------------|-------------|---------------------|--------------------|-------------|--|
| <b>8"</b>    | <b>5 1/2"</b>  | <b>1456</b> | <b>50</b>           | <b>Ball-Barton</b> |             | <b>Filled well to surface around 5 1/2" pipe with slush pit mud.</b> |

PLUGS AND ADAPTERS

Heaving plug—Material **Ball-Barton** Length **10'** Depth Set **10'**  
Adapters — Material **Ball-Barton** Size **10'**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE      | SHELL USED   | EXPLOSIVE OR CHEMICAL USED | QUANTITY      | DATE           | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|-----------|--------------|----------------------------|---------------|----------------|-----------------------|-------------------|
| <b>5"</b> | <b>metal</b> | <b>Nitro-Gly</b>           | <b>50 lbs</b> | <b>5/15/48</b> | <b>33'</b>            | <b>132'</b>       |

Results of shooting or chemical treatment **about 100% increase.**  
**Shooting done by U.S. Guarine Co. Amarillo, Texas.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **1570** feet, and from **1570** feet to **1570** feet  
Cable tools were used from **0** feet to **1570** feet, and from **1570** feet to **1570** feet

PRODUCTION

Put to producing **19**  
The production of the first 24 hours was **250.000** barrels of fluid of which **250.000** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be **52.5**  
If gas well, cu. ft. per 24 hours **250.000** Gallons gasoline per 1,000 cu. ft. of gas **250.000**  
Rock pressure, lbs. per sq. in. **525**

EMPLOYEES

**Floyd H. Hunt** Driller **Geo. A. Wilson** Driller  
**Junk handling** Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **20th** day **May** 19**48**. **Albany, New York.** **5/20/48**  
day of **May**, 19**48**. Name **Shelby B. Armstrong** Position **Field Eng.**  
**Shelby B. Armstrong** Representing **Danbury Assoc.**  
My Commission expires April 16, 1950. Address **B.O. 182, Apt. 2, N.Y.**

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION  |
|------|------|----------------------|--|
| 0    | 9    | 9                    | Surface soil. cellar.  |
| 9    | 20   | 11                   | Boulders.  |
| 20   | 88   | 68                   | Sand rock. Water rose to within 10 ft surface  |
| 88   | 195  | 107                  | shale.   |
| 195  | 200  | 5                    | sand rock.   |
| 200  | 287  | 87                   | shale  |
| 287  | 350  | 63                   | sand rock.   |
| 350  | 430  | 80                   | shale, sand lenses   |
| 430  | 460  | 30                   | shale  |
| 460  | 490  | 30                   | sandy shale  |
| 490  | 515  | 25                   | sand rock.   |
| 515  | 560  | 45                   | shale.   |
| 560  | 635  | 75                   | sand rock. water.  |
| 635  | 685  | 50                   | sandy shale  |
| 685  | 735  | 50                   | sandy shale  |
| 735  | 755  | 20                   | sand rock. water   |
| 755  | 785  | 30                   | shale  |
| 785  | 850  | 65                   | sand rock.   |
| 850  | 875  | 25                   | shale.   |
| 875  | 900  | 25                   | sandy shale.   |
| 900  | 1310 | 410                  | shale  |
| 1310 | 1325 | 15                   | sand rock  |
| 1325 | 1425 | 100                  | shale. cavity  |
| 1425 | 1435 | 10                   | coal.  |
| 1435 | 1452 | 17                   | shale.   |
| 1452 | 1455 | 3                    | coal.  |
| 1455 | 1466 | 11                   | shale.   |
| 1466 | 1530 | 64                   | sand. picture cliff. gas.  |
|      |      |                      | Plugged well back to 1512' shot with 50 quarts<br>nitro 1476 to 1512. cleaned out and run<br>1" system line with jet nipples installed<br>100' 350' and 900' from bottom of well |