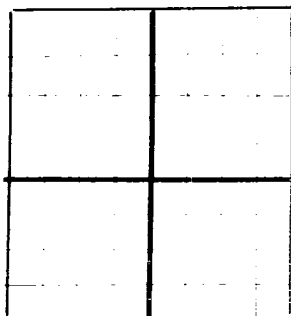


N.

SANTA FE, NEW MEXICO

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## DEPARTMENT OF THE STATE GEOLOGIST

## WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days

after completion of well. Indicate questionable data by fol-

lowing it with (?). Submit in duplicate.

Company ~~Summit Pacific Coal & Oil Company~~ Address ~~300, N. 1st St., Santa Fe, N. M.~~Send correspondence to ~~J. J. Benson~~ Address ~~301, N. 1st St., Santa Fe, N. M.~~~~to the New Mexico~~ Well No. ~~14~~ in ~~1~~ of Sec. ~~21~~, T. ~~23~~R. ~~4~~, N. M. P. M. Oil Field ~~San Juan, N. M.~~ County.If State land the oil and gas lease is No. ~~903~~ Assignment No.

If patented land the owner is Address

The lessee is ~~Summit Pacific Coal & Oil Company~~ Address ~~St. North, Santa Fe, N. M.~~

If not state or patented land, give status

Drilling commenced ~~March 21,~~ 19 ~~30~~ Drilling was completed ~~May 23,~~ 19 ~~30~~Name of drilling contractor ~~W. J. Benson & Co.~~ Address ~~1000 N. 1st St., Santa Fe, N. M.~~Elevation above sea level at top of casing ~~3463~~ feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from ~~3605~~ to ~~3633~~ No. 4, from ~~3333~~ to ~~3336~~No. 2, from ~~3700~~ to ~~3705~~ No. 5, from ~~3433~~ to ~~3600~~No. 3, from ~~3700~~ to ~~3705~~ No. 6, from ~~3700~~ to ~~3705~~

Top alt 1512

Top alt 3155

## IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

## CASING RECORD

| SIZE  | WEIGHT<br>PER FOOT | THREADS<br>PER INCH | MAKE             | AMOUNT  | KIND OF<br>SHOE | CUT AND PULLED<br>FROM | PERFORATED<br>FROM TO | PURPOSE |
|-------|--------------------|---------------------|------------------|---------|-----------------|------------------------|-----------------------|---------|
| 12    | 50                 | 6                   | 2 1/2 in 372' 5" | 2 in    |                 |                        |                       |         |
| 7 1/2 | 24                 | 10                  | 1 1/2 in 360' 5" | 360' 5" | 360' 5"         |                        |                       |         |

## MUDDING AND CEMENTING RECORD

| SIZE  | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|-------|-----------|---------------------|--------------|-------------|--------------------|
| 12    | 367       | 200 sacks 100' 5"   | 1111111111   | 11          |                    |
| 7 1/2 | 3600      | 700 sacks 100' 5"   |              | 11          |                    |

Total 200

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

## SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|------|------------|----------------|----------|------|------------|-------------------|
|------|------------|----------------|----------|------|------------|-------------------|

## TOOLS USED

Rotary tools were used from ~~0~~ feet to ~~3700~~ feet, and from ~~3700~~ feet to ~~3700~~ feetCable tools were used from ~~0~~ feet to ~~3700~~ feet, and from ~~3700~~ feet to ~~3700~~ feet

## PRODUCTION

Put to producing ~~May 23,~~ 19 ~~30~~The production of the first 24 hours was ~~40~~ barrels of fluid of which ~~100~~% was oil; ~~100~~% emulsion; ~~100~~% water; and ~~100~~% sediment. Gravity. Be ~~100~~

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

## EMPLOYEES

J. J. Benson, Driller

W. J. Benson, 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 ~~12~~day of ~~June~~, 19 ~~30~~

Notary Public

My commission expires ~~March 24, 1933~~Name ~~J. J. Benson~~Position ~~Driller~~Representing ~~Summit Pacific Coal & Oil Company~~

Company or Operator

## FORMATION RECORD

| From | to   | Thickness<br>in Feet | Formation            |
|------|------|----------------------|----------------------|
| 0    | 25   | 25                   | Sand                 |
| 25   | 94   | 69                   | Red Mud              |
| 94   | 105  | 11                   | Red                  |
| 105  | 125  | 20                   | Red Mud              |
| 125  | 134  | 9                    | Red                  |
| 134  | 274  | 140                  | Red Mud (thin) thin  |
| 274  | 310  | 36                   | Red Mud              |
| 310  | 350  | 40                   | Rock Red             |
| 350  | 367  | 17                   | Sand Hard Grey       |
| 367  | 368  | 21                   | Sand Hard            |
| 368  | 410  | 22                   | Red Mud              |
| 410  | 420  | 10                   | Sand                 |
| 420  | 435  | 15                   | Red Mud              |
| 435  | 455  | 20                   | Sand                 |
| 455  | 491  | 36                   | Rock Red             |
| 491  | 515  | 24                   | Sand Grey            |
| 515  | 530  | 15                   | Red Mud              |
| 530  | 530  | 0                    | Sand Grey            |
| 530  | 549  | 19                   | Red Mud              |
| 549  | 552  | 3                    | Sand Grey            |
| 552  | 650  | 106                  | Rock Red             |
| 650  | 676  | 26                   | Sand Hard Grey       |
| 676  | 689  | 13                   | Red Mud              |
| 689  | 700  | 11                   | Sand Hard Grey       |
| 700  | 714  | 14                   | Red Mud              |
| 714  | 773  | 59                   | Sand Grey            |
| 773  | 791  | 18                   | Rock Red             |
| 791  | 836  | 45                   | Red Mud              |
| 836  | 850  | 14                   | Sand Grey            |
| 850  | 856  | 6                    | Red Mud              |
| 856  | 900  | 44                   | Sand Broken Grey     |
| 900  | 955  | 55                   | Rock Red             |
| 955  | 955  | 0                    | Sand Grey Hard       |
| 955  | 974  | 19                   | Rock Red             |
| 974  | 1016 | 42                   | Rock Red (Red Mud)   |
| 1016 | 1066 | 50                   | Red Mud              |
| 1066 | 1070 | 4                    | Sand Grey            |
| 1070 | 1115 | 45                   | Rock Red Sandy       |
| 1115 | 1120 | 5                    | Sand Grey            |
| 1120 | 1154 | 34                   | Red Mud Broken       |
| 1154 | 1166 | 12                   | Rock Red             |
| 1166 | 1172 | 6                    | Sand Grey            |
| 1172 | 1201 | 29                   | Rock Red Sandy       |
| 1201 | 1225 | 24                   | Rock Red Broken      |
| 1225 | 1231 | 6                    | Sand Grey            |
| 1231 | 1260 | 29                   | Rock Red             |
| 1260 | 1267 | 7                    | Sand Hard Grey       |
| 1267 | 1263 | 4                    | Red Hard (Sand)      |
| 1263 | 1305 | 22                   | Sand Hard            |
| 1305 | 1327 | 22                   | Red Mud Broken       |
| 1327 | 1342 | 15                   | Rock Red             |
| 1342 | 1353 | 11                   | Red Mud              |
| 1353 | 1370 | 17                   | Rock Red             |
| 1370 | 1400 | 30                   | Red Mud              |
| 1400 | 1421 | 21                   | Anhydrite            |
| 1421 | 1430 | 9                    | Shale Red Sandy      |
| 1430 | 1450 | 20                   | Anhydrite            |
| 1450 | 1472 | 22                   | Anhydrite            |
| 1472 | 1594 | 122                  | White Anhydrite      |
| 1594 | 1600 | 6                    | Shells, White Anhyd. |
| 1600 | 1620 | 20                   | Anhydrite White      |
| 1620 | 1662 | 42                   | Salt, Potash, Grey   |
| 1662 | 1660 | 2                    | Anhydrite White      |
| 1660 | 1696 | 36                   | Salt                 |
| 1696 | 1722 | 26                   | Anhydrite            |
| 1722 | 1721 | 1                    | Red Mud              |
| 1721 | 1751 | 30                   | Anhydrite            |
| 1751 | 1775 | 24                   | Salt, Broken Salt    |
| 1775 | 1791 | 16                   | Anhyd. White         |
| 1791 | 1830 | 39                   | Salt & Salt          |
| 1830 | 1839 | 9                    | Shells, Anhyd. White |
| 1839 | 1863 | 24                   | Anhyd. White         |
| 1863 | 1934 | 71                   | Salt                 |
| 1934 | 1960 | 26                   | Salt & Potash        |
| 1960 | 1971 | 11                   | Anhydrite            |
| 1971 | 2010 | 39                   | Salt                 |
| 2010 | 2023 | 13                   | Anhyd. White         |
| 2023 | 2040 | 17                   | Salt                 |
| 2040 | 2065 | 25                   | Anhydrite            |
| 2065 | 2110 | 45                   | Salt & Potash        |
| 2110 | 2124 | 14                   | Anhydrite            |
| 2124 | 2138 | 14                   | Anhydrite            |
| 2138 | 2150 | 12                   | Salt                 |
| 2150 | 2171 | 21                   | Anhydrite            |
| 2171 | 2182 | 11                   | Salt                 |
| 2182 | 2180 | 2                    | Potash and           |
| 2180 | 2256 | 76                   | Salt                 |
| 2256 | 2270 | 14                   | Anhydrite            |
| 2270 | 2305 | 35                   | Salt & Potash        |
| 2305 | 2310 | 5                    | Anhyd. Broken Salt   |
| 2310 | 2340 | 30                   | Salt                 |
| 2340 | 2356 | 16                   | Anhydrite            |
| 2356 | 2362 | 6                    | Potash and           |
| 2362 | 2373 | 11                   | Anhydrite            |
| 2373 | 2392 | 19                   | Salt                 |
| 2392 | 2413 | 21                   | Anhyd. Hard          |
| 2413 | 2436 | 23                   | Salt & Potash        |
| 2436 | 2465 | 29                   | Salt & Potash        |
| 2465 | 2551 | 86                   | Salt                 |
| 2551 | 2600 | 49                   | Salt                 |
| 2600 | 2614 | 14                   | Anhydrite            |
| 2614 | 2660 | 46                   | Salt & Potash        |
| 2660 | 2680 | 20                   | Salt                 |
| 2680 | 2702 | 22                   | Anhydrite            |
| 2702 | 2716 | 14                   | Salt                 |
| 2716 | 2776 | 60                   | Anhydrite            |
| 2776 | 2804 | 28                   | Salt                 |
| 2804 | 2826 | 22                   | Anhydrite            |
| 2826 | 2832 | 6                    | Anhydrite            |
| 2832 | 2850 | 18                   | Salt & Potash        |
| 2850 | 2890 | 40                   | Anhydrite            |
| 2890 | 2906 | 16                   | Salt                 |
| 2906 | 2910 | 4                    | Anhydrite            |
| 2910 | 2942 | 32                   | Salt                 |
| 2942 | 2961 | 19                   | Anhydrite            |