



BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
Vertimor EXHIBIT NO. 1  
CASE NO. 4655 & 4656



## SURFACE INFORMATION

|                                                                                             |                  |                     |               |
|---------------------------------------------------------------------------------------------|------------------|---------------------|---------------|
| Well Flowed                                                                                 |                  | Amount              |               |
| NO                                                                                          |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
| Reversed Out                                                                                |                  | Amount              |               |
| SALT WATER WITH SLIGHT TRACE OF OIL AND GAS                                                 |                  | 5335' (37.80BBLs.)  |               |
|                                                                                             |                  |                     |               |
| Recovered PULLED BEFORE REVERSING:                                                          |                  | Amount              |               |
| WATER CUSHION                                                                               |                  | 1080' (7.99BBLs.)   |               |
| SALT WATER CUT MUD                                                                          |                  | 1080' (7.99BBLs.)   |               |
| MUDDY SALT WATER WITH SLIGHT TRACE OF OIL AND GAS                                           |                  | 1000' (7.40BBLs.)   |               |
| SALT WATER CUT MUD WITH TRACE OF OIL (BELOW CIRCULATING SUB)                                |                  | 180' (.70BBLs.)     |               |
| Maximum Surface Pressure -                                                                  |                  |                     |               |
| Description (Rate of Flow)                                                                  | Time             | Pressure (P.S.I.G.) | Surface Choke |
| Opened Tool                                                                                 | 0903             | -                   | -             |
| GOOD BLOW                                                                                   |                  |                     |               |
| CLOSED FOR INITIAL SHUT-IN                                                                  | 0905             | -                   | -             |
| RE-OPENED TOOL                                                                              | 0935             | -                   | -             |
| GOOD BLOW THROUGHOUT TEST                                                                   |                  |                     |               |
| CLOSED FOR FINAL SHUT-IN                                                                    | 1205             |                     |               |
| EQUALIZED MUD                                                                               | 1305             |                     |               |
| PULLED PACKER LOOSE                                                                         | 1315             |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
|                                                                                             |                  |                     |               |
| Remarks: RESISTIVITY OF TEST SAMPLE=.11 AT 80°F.<br>RESISTIVITY OF PIT SAMPLE=1.62 AT 84°F. |                  |                     |               |
| SAMPLE                                                                                      | CHLORIDE CONTENT |                     |               |
| TOP                                                                                         | 17,500PPM        |                     |               |
| MIDDLE                                                                                      | 40,000PPM        |                     |               |
| BOTTOM (REVERSED)                                                                           | 40,000PPM        |                     |               |
| PIT MUD                                                                                     | 3,200PPM         |                     |               |
| LOCATION: 660FSL 1980FEL SEC. 31 T20S R36E                                                  |                  |                     |               |

### TOOL, HOLE & MUD DATA

[illegible]

Customer SAME AS BELOW ATTN: PRODUCTION DEPT.

Company THE BRITISH AMERICAN PRODUCING COMPANY; BOX 474; MIDLAND, TEXAS Date 4-23-64

Well NORTH WILSON DEEP UNIT #1 Field WILD CAT Location SEE REMARKS

Test Interval 12,674' to 12,725' Formation Test # 6 Casing Test # -

County LEA State NEW MEXICO Field Report No. 12243 A

Tester KIRKMAN (HOBBS) Test Approved By MR. M. C. STEINDORF, JR. No. DST Reports Requested 11 (6 x's)



BRITISH AMERICAN OIL PRODUCING CO.  
NORTH WILSON DEEP UNIT NO. 1  
LEA COUNTY, NEW MEXICO

OIL AND GAS SHOWS: Cont.)

- 10,982' - 10,984' Trace dull yellow fluorescence in a gray-tan, fine-crystalline limestone with fair cuts, no visible stain or porosity.
- 10,998' - 11,004' Brown, oolitic limestone with bright yellow-gold fluorescence, poor cuts, no visible stain and a trace of pin-point porosity.
- 11,038' - 11,044' Gray, sandy limestone with traces bright yellow-gold fluorescence, poor cuts, no visible stain and a trace of pin-point porosity.
- 11,300' - 11,316' Gray-brown, medium to coarse-crystalline, pyritic limestone with trace bright yellow fluorescence, fair cuts, possible fracture porosity, trace black visible stain.
- 11,332' - 11,336' Few pieces of a gray-white limestone with bright yellow fluorescence, poor cuts, trace light stain.
- 11,372' - 11,382' Brown, fine-grained, poorly cemented, well sorted sand with trace dull gold fluorescence, trace dry cuts and no gas increase.
- 12,386' - 12,396' Brown, micro-crystalline to dense, siliceous limestone and white, medium-crystalline, calcitic limestone with traces bright white fluorescence, trace wet cuts and fair dry cuts.
- \*12,674' - 12,725' Clear to white, medium-crystalline dolomite with bright blue-white fluorescence, good vuggy porosity and fair to good cuts. Also some tan, fine-crystalline limestone with yellow-white fluorescence, good cuts and evidence of vuggy and solution porosity. Traces of black stain within vugs becoming more prevalent with depth.

\* Denotes zones drill stem tested



## OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**  
**P. O. BOX 2088 - SANTA FE**  
**87501**

**GOVERNOR  
BRUCE KING  
CHAIRMAN**

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

February 8, 1972

Mr. Jason Kellahin  
Kellahin & Fox  
Attorneys at Law  
Post Office Box 1769  
Santa Fe, New Mexico

Re: Case No. 4655

Order No. R-4257

**Applicant:**

WESTERN OIL PRODUCERS, INC.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Esq.

A. L. PORTER, Jr.

Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC **x**

Artesia OCC

Aztec OCC

Other