



CONTINENTAL OIL COMPANY

Hobbs, New Mexico
January 29, 1951

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

The Continental Oil Company being the operator of the J. H. Nolan lease, L. C. 032096 (b) on which is completed the J. H. Nolan No. 1, classified as a Wildcat and located 660' from the South and West lines of Section 11-T 21S-R 37E, Lea County, New Mexico, wishes to present pertinent data to show that the present boundaries of the Drinkard Pool should be extended to include the subject well.

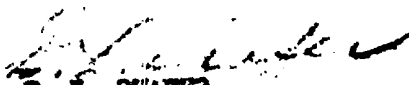
The J. H. Nolan No. 1 was completed on October 15, 1950, at a plug-back depth of 6592' for an initial potential of 40 barrels of 38.6° API gravity oil per day, no water, pumping through 2 1/2" tubing with 46.2 MCF gas per day for a gas-oil ratio of 1,155 cubic feet per barrel. Completion was made through perforations 6530-6535', 6542-6546', 6551-6560', and 6572-6587'. As the well has been pumping since completion, no bottom-hole pressure data is available.

As shown on the attached cross-section, Exhibit "A", the Drinkard formation was encountered in the subject well at 6450' or a -3027 subsea datum. The electrical survey of the Continental Nolan No. 1 as compared to the E. P. Moran Owen Nos. 1 and 2 in Section 14-21-37, now included in the Drinkard Pool, substantiates the continuity

of the Drinkard formation between the two lenses.

In view of the evidence presented herein, the Continental Oil Company respectfully requests that the boundary of the Drinkard Pool, Lea County, New Mexico, be extended to include the Southwest 1/4 of the Southwest 1/4 of Section 11, Township 21 South, Range 37 East.

Yours very truly,


E. L. SHAFFER
Supt., New Mexico District
West Texas-New Mexico Division
Production Department

KIS-LFM

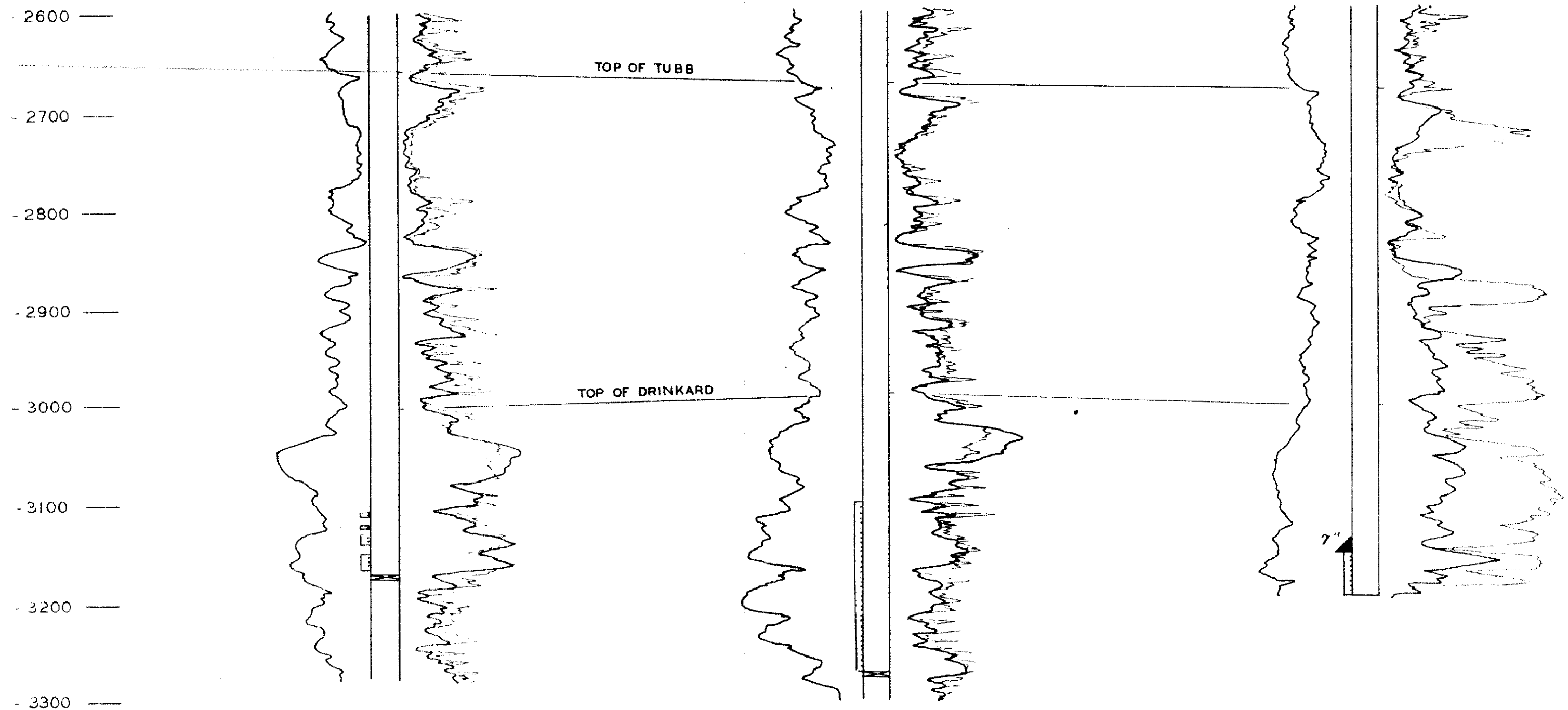
CC: N.E.O.C.C.-Hobbs

NORTH-SOUTH CROSS SECTION

CONT'L ET AL
NOLAN NO.1
ELEV: 3423'

E. F. MORAN
OWEN NO.2
ELEV: 3442'

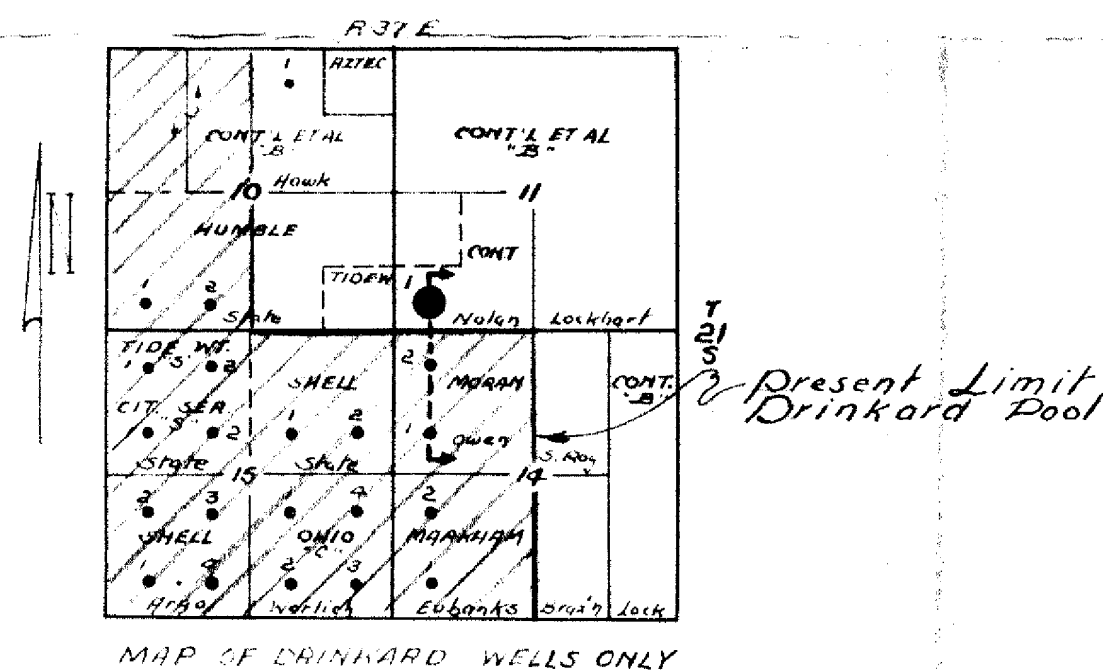
E. F. MORAN
OWEN NO.1
ELEV: 3440'



Completed 10-16-50 @ R.B. 6592'
Through perforations: 6530-35,
6542-46', 6551-60' & 6572-87'
I.P.P. 40 BOPD, no water, thru 2 1/2"
tubing, 50R 1155 C.P.O.# 2.P.O.#

Completed 7-2-50 @ R.B. 6720'
Through perforations 6548-6720'
I.P. flow 116 BOPD, no water, thru
20/64" ch. on 2", C.P. 600" T.P. 150#

Completed 10-5-49 @ T.D. 6648'
Through open hole 6600'-6643'
I.P. flow 184 BOPD, no water, thru
1/4" ch. on 2", 50R 1294



ZONES OPEN TO PRODUCTION

EXHIBIT "A"