

O. C. C. TERMINOLOGY

STATE ENGINEER TERMINOLOGY

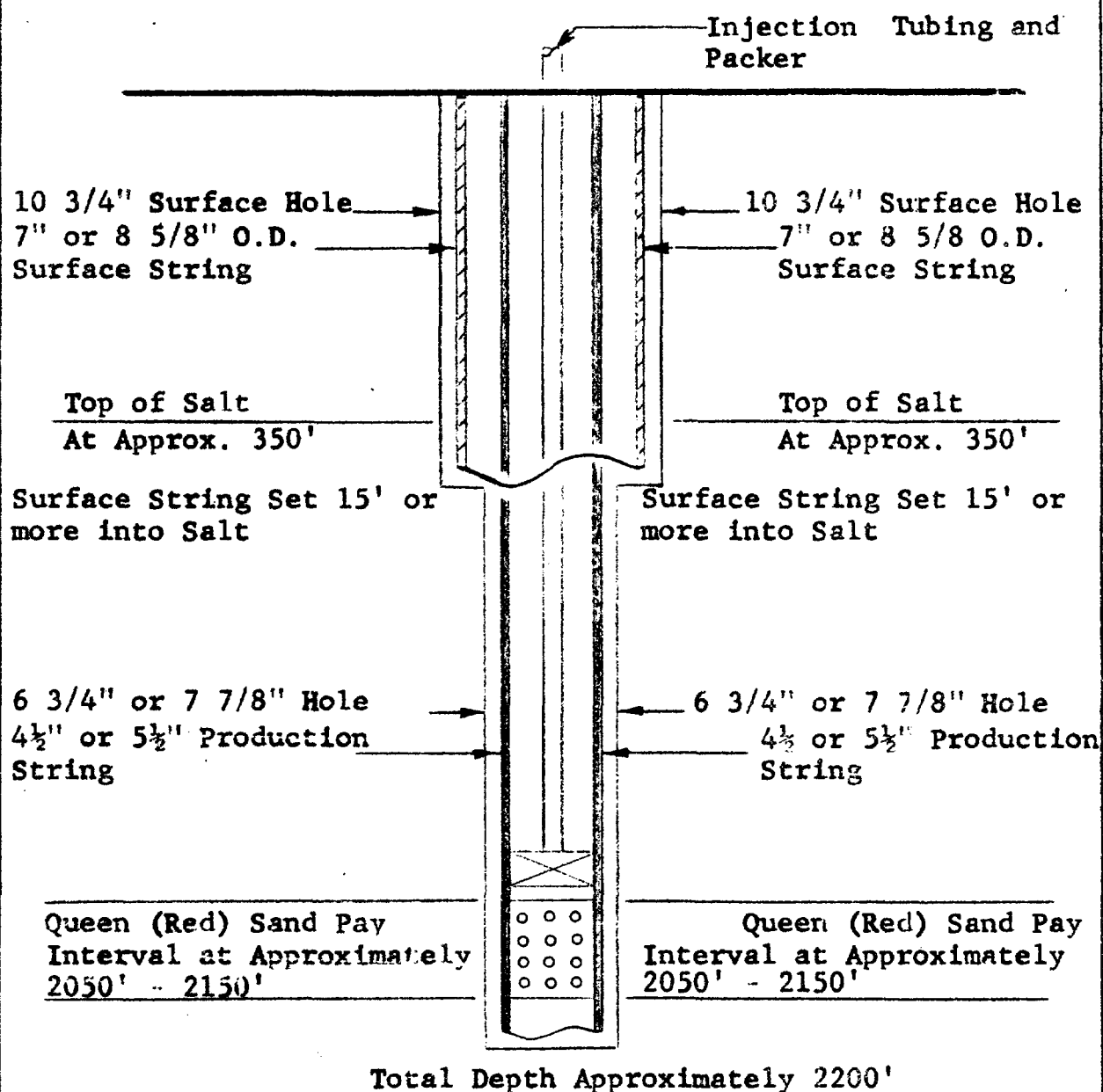


DIAGRAM OF PROPOSED WELL CASING

for

STANTON OIL COMPANY, LTD.

WATER INJECTION WELLS, 1W, 2W, 3W, & 4W

Turkey Track Pool

Eddy County, New Mexico

Prepared By: WOOD & McSHANE, Monahans, Texas

WOOD & McSHANE

Petroleum Consultants

Engineering--Operation--Management

B. OLIVER WOOD
J. B. McSHANE, JR.

405 SOUTH ALLEN
MONAHANS, TEXAS

PHONE WI 3-3092
BOX 398

21 October 1959

Mr. Frank Irby, Chief Water Rights Division
State Engineer Office
P. O. Box 1079
Santa Fe, New Mexico

Re: N.M.O.C.C.
Case No. 1761

Dear Mr. Irby:

After the telephone conversation between you, Joe Stanton, and myself yesterday afternoon, a diagram of proposed well casing was prepared as you suggested.

Shown on the diagram which is attached are hole sizes, casing sizes, total depth, perforated interval, and the location of the injection tubing and packer. The surface string will be H-40 or equivalent API casing and will be cemented with the volume calculated to achieve fillup to the surface. The production string will meet or exceed API specifications for H-40 casing, and will be cemented with a volume calculated to achieve a fillup of 500 feet outside the production string. The casing for these wells has not been purchased, therefore two sizes for each string has been indicated.

The injection water will be injected down the tubing below a packer set immediately above the perforated interval. In the event of an injection tubing leak, repairs can be made immediately as the failure would be evidenced at the well head at once.

Specializing In Secondary Recovery

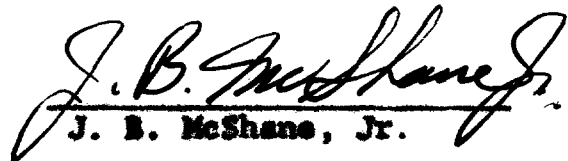
It is felt this proposed casing program will protect all Fresh Water Aquifers found in the Turkey Track Pool Area. In the event this program was not adequate all aquifers would be isolated by methods acceptable to the State Engineers Office and the New Mexico Oil Conservation Commission.

It is the desire of this firm in representing Stanton Oil Company, Ltd. in the instigation of the pilot waterflood as shown on the attached plat, to further the conservation of natural resources, both fresh water and oil, in the State of New Mexico.

Thanking you for your attention in this matter,
I remain,

Yours truly,

WOOD & McSHANE


J. B. McShane, Jr.

JBM
ch

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

1761

April 6, 1964

Watson & Watson
P.O. Drawer 2
Artesia, New Mexico

Attention: Mr. Fred A. Watson

Gentlemen:

Reference is made to your letter of March 20, 1964, wherein you request certain amendments to certain orders issued by this Commission relating to the waterflood project formerly operated by Stanton Oil Company in the Turkey Track Pool, Sddy County, New Mexico, and presently being operated by R. C. Davoust Company.

It is our understanding that the original order for this flood, Order No. R-1524, authorized water injection into Wells Nos. 1-W, 2-W, 3-W, and 4-W through tubing and under a packer; that Administrative Order WFX-96 authorized water injection into Wells Nos. 5-W and 6-W down the casing after setting surface casing into the salt and cementing to the surface and setting the long string to the Queen formation and cementing back to 1500 feet; that Administrative Order WFX-166 authorized water injection into Wells Nos. 7-W and 8-W in a manner similar to that authorized for Nos. 1-W through 4-W; and that Commission Order No. R-2671 authorized water injection into Wells Nos. 9-W through 19-W in a manner similar to that authorized for Nos. 5-W and 6-W. It is our further understanding that you now seek authority to equip the wells authorized by Orders Nos. R-1524 and WFX-166 in the same manner as those authorized by Order Nos. R-2671 and WFX-96, that is, inject water down the casing after setting surface pipe into the salt with cement circulated and setting the long string into the Queen and bringing the cement back to 1500 feet.

Inasmuch as this method of completion was employed at the hearing of Case No. 3010, and found to be satisfactory for this area, R. C. Davoust is hereby authorized to equip all injection wells in the Turkey Track waterflood Project in this manner. The surface and long strings must be cased and cemented in accordance with the above, however, and this authority shall not apply to any of the original injection wells which were not so completed.

Very truly yours,

A. L. Fortaw, Jr.
Secretary-Director

ALP:BSW:ag

cc: M. L. Armstrong - Oil Conservation Commission - Hobbs
Frank Irby, State Engineer Office - Santa Fe
Case File 3010 - WFX File 96 - WFX File 166 - Case File 1761

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

November 30, 1959

C
O
P
Y

Wood & McShane
405 South Allen
Monahans, Texas

Gentlemen:

Reference is made to Commission Order No. R-1524, entered November 12, 1959, in Case No. 1761, approving the Stanton-Turkey Track Water Flood Project.

According to our calculations, when all of the authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 364 barrels per day.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate District proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when active injection commences, when additional injection or producing wells are drilled, when additional wells are acquired through purchase or unitization, when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the status of the project and the wells therein will be appreciated.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

DSN:ig

cc: OCC - Hobbs

OCC - Artesia

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

November 12, 1959

Mr. M. W. Hamilton
116 E. Palace Avenue
Santa Fe, New Mexico

Dear Mr. Hamilton:

On behalf of your client, Stanton Oil Company, Ltd.,
we enclose two copies of Order No. R-1524 in Case 1761,
issued by the Oil Conservation Commission this date.

Very truly yours,

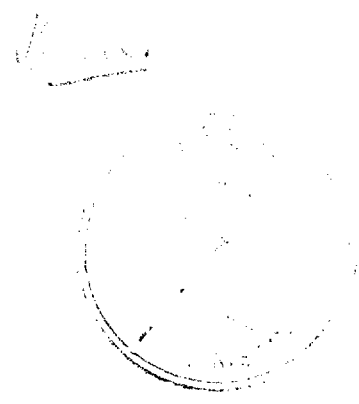
A. L. PORTER, Jr.
Secretary-Director

ir/

Enclosures: (2)

*Copies to
Artesia CCC
& Hobbs CCC*

Olen F. Featherstone
OIL PRODUCER
ROSWELL PETROLEUM BUILDING
ROSWELL, NEW MEXICO
October 6, 1959



Director,
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Re: NM 010907-A, Proposed Pilot Flood
Turkey Track Field

Dear Sir:

We have an overriding royalty interest in the W/2 of the NE/4 of Section 34, Township 18 South, Range 29 East, Eddy County, which tract is involved in the Pilot Flood proposed by Stanton Oil Company and Robert E. McKee. We have reviewed their plans for water injection wells to be located at the following locations:

- | | | | |
|-----|-----|--|------------------------|
| (4) | (1) | Approx. 2640 feet from the north and west lines of Section 34 | 2635' FNL 2635' FEL |
| | (2) | Approx. 1320 feet from the north line and approx. 2640 feet from the west line of Section 34 | 1315' FNL 2635' FEL |
| | (3) | Approx. 2640 feet from the north line and approx. 1320 feet from the west line of Section 34 | 2635' FNL 1325' FNL |
| (1) | (4) | Approx. 1320 feet from the north and west lines of Section 34 | 1315' FNL 1325' FNL |

This plan has our approval.

Very truly yours,

OLEN F. FEATHERSTONE

Case 1761

By:

H. N. Sweeney

HNS:ck