

Test Data

<u>Formation Tested</u>	<u>Time</u>	<u>Amount</u>	<u>Method</u>
From 4151' to 4166'	4 Hrs.	6 Bbls. Oil, Small Quantity Drilling Water	Swab
From 4151' to 4208'	12 Hrs.	82 Bbls. Fluid, 90% Oil	Swab
From 4151' to 4238'	3½ Hrs.	11 Bbls. of Oil with Trace of Water	Swab
From 4151' to 4364'	71 Hrs.	340 Bbls. Fluid, Approxi- mately 4% Oil	Pumping

Due to the presence of an excessive amount of water, well was plugged back to 4314' with 12 sacks of cement, after which open hole from 4151' to 4314' was tested as follows:

Produced approximately 150 barrels of water and 4 barrels of oil in 24 hours. From an analysis of water samples taken from this section, it was decided that water from Zone 2 was still being encountered and in order to eliminate same, a 5½" OD Liner was set from 3972' to 4151' and cemented with 60 sacks. After cement had set 140 hours, liner job was tested. It was O.K. and cement plug was drilled out to 4276'. Well was then tested and 86 barrels of water with a trace of oil was pumped during a 24-hour period. Well was then plugged back to 4256' with 6 sacks of cement in order to plug off water stratum. After cement had set sufficiently, subsequent tests were made which indicated a satisfactory water shut-off had been secured and we now propose to selectively acidize the following Zones with 2000 gallons each: From 4169' to 4181', 4209' to 4220', and 4239' to 4253'.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	X
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	X
REPORT ON RESULT OF PLUGGING OF WELL <i>Back</i>	X		

Hobbs, New Mexico

Place

1-7-44

Date

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the Stanolind Oil and Gas Co. State **"A" Tract 9** Well No. **1** in the _____

Company or Operator **NW/4** of Sec. **15**, T. **19-S**, R. **38-E**, N. M. P. M.,
Hobbs Field, **Lea** County.

The dates of this work were as follows: **From 9-1-43 to 1-7-44**

Notice of intention to do the work was (was not) submitted on Form C-102 on **August 10** 19 **43**
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Formation from 4097' to 4145' was squeezed with 125 sacks of cement. Cement retainer was set at 4097'. After retainer and cement plug were drilled out test for water shut-off was made which indicated squeeze job had been unsuccessful. Formation from 4026' to 4145' was then squeezed with 100 sacks of cement, using the Bradenhead Squeeze Method. After cement had set successfully, plug was then drilled to 4140' and test made for water shut-off which tested O.K. The remaining 5' of cement was drilled out and well was subsequently deepened to 4166', 4208', 4238' and 4364'. After each of the forementioned depths were reached, formation packer was set on shoulder at 4151', at which depth hole was reduced from 7 5/8" to 4 3/4". (over)

Witnessed by **C. V. Campbell** Name **Stanolind Oil and Gas Co.** Company **Production Foreman** Title

Subscribed and sworn before me this **8th**day of **January**, 19 **44***P. M. Russell Jr.*

Notary Public

My commission expires **5-5-47**

I hereby swear or affirm that the information given above is true and correct.

Name *Joseph Pennington*Position **Field Superintendent**Representing **Stanolind Oil and Gas Co.**
Company or OperatorAddress **Box "F", Hobbs, New Mexico**

Remarks:

Roy G. Galloway
Name
OIL & GAS INSPECTOR
Title