

Utex Exploration Company, Inc.

PETROLEUM DIVISION
ROOM 25, BACON BUILDING
P. O. BOX 628
ABILENE, TEXAS

T. R. HAVINS, JR.
MGR. LAND AND PRODUCTION DEPARTMENTS

CHARLES A. STEEN
PRESIDENT
CHIEF GEOLOGIST

J. C. ASHBY
GENERAL MANAGER

February 27, 1957

Mr. Paul L. Davis
225 First National Bank Building
Midland, Texas

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Moab EXHIBIT No. 1
CASE 1225

Dear Mr. Davis:

This is to inform you that Moab Drilling Company is planning to install a pilot water flood project in the High Lonesome Field, Eddy County, New Mexico.

Enclosed find a plat showing the area to be affected.

A Hearing has been requested before the New Mexico Oil Conservation Commission, but no date has been set at this time.

We plan to inject some 150 barrels of water per day into each of the six wells shown on the plat.

It is expected that recovery of oil from a water flood will materially increase the total recovery of the oil from the field.

Our present plans do not call for any unitization. We plan to space the injection wells in such a manner that it will not be necessary.

At this time we plan to flood only the 80 acres shaded on the plat. Should this pilot operation be successful it is expected that a larger area will be flooded.

If this plan meets with your approval, I will appreciate it if you will sign two copies of this letter in the space provided below, and return them to this office.

Yours very truly,

T. R. Havins, Jr.

T. R. Havins, Jr.
For Moab Drilling Company

WT
See
9 + part of
TRH:ms

March 5th, 1957.

The undersigned waives any objection to the above described pilot water flood program.

Paul L. Davis
Paul L. Davis

PRODUCTION DATA
PILOT WATERFLOOD
HIGH LONESOME POOL
EDDY COUNTY, NEW MEXICO
 FOR
MOAB DRILLING COMPANY
 AND
UTEX EXPLORATION, INC.
1957

Lease and Well No.	Estimated Production - Barrels Per Day						November Well Tests
	June	July	August	Sept.	Oct.	Nov.	
<u>Moab Drilling Company</u>							
<u>Skelly-State</u>							
6	8.6	12.6	11.3 (Trace)*	9.0 (Trace)*	5.8	7.7	9.7 (11-20)
7	9.5	6.3	18.2	5.6	16.1	10.9	13.8 (11-18)
8	2.6	2.1	5.8 (Trace)*	3.4 (1.0)*	2.3	6.6	8.3 (11-17)
9	3.7	3.2	4.4	3.4 (3.2)*	1.2 (12.2)*	4.3 (1.4)*	5.5 (11-24)
10	8.9	10.6	12.8	11.2	11.4	8.6	11.1 (11-25)
<u>State</u>							
1	0.9	1.0	2.6	2.6	2.5	1.8	No Test

*-Water Production.

BEFORE THE
 OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
 Appn. EXHIBIT No. 1-A
 CASE 225

OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
 CASE NO. _____
 CASE _____

Production Data, Pilot Waterflood, High Lonesome Pool - Continued

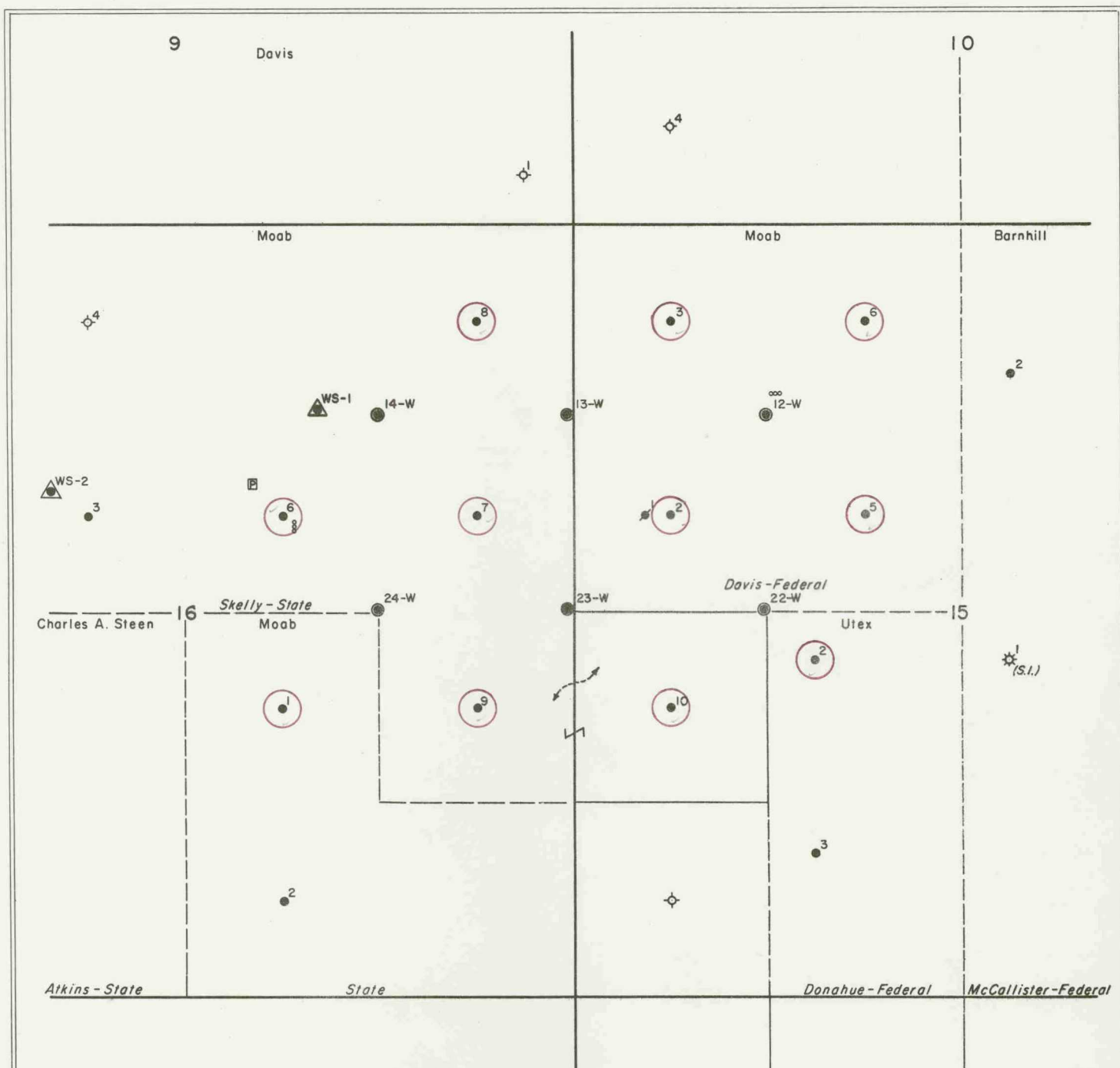
Lease and Well No.	Estimated Production - Barrels Per Day						November Well Tests
	June	July	August	Sept.	Oct.	Nov.	
<u>Moab Drilling Company</u>							
<u>Davis-Federal</u>							
2	13.6	15.9	9.9 (9.4)*	2.7 (1.1)*	15.2	14.4	12.5 (11-15)
3	13.6	15.9	16.0	16.8	15.2	11.5	9.7 (11-19)
5	25.2	36.6	17.3 (0.9)*	17.4 (0.4)*	39.2	38.5	44.2 (11-26)
6	12.3	9.8	12.6	11.2	9.7	12.5	11.1 (11-17)
<u>Utex Exploration, Inc.</u>							
<u>Donohue-Federal</u>							
2	8.1	13.5	11.9	15.9	26.2	40.8	56.7 (11-25)
Total	107.0	127.5	122.8 (10.3)*	99.2 (5.7)*	144.8 (12.2)*	157.6 (1.4)*	182.6

*-Water Production.

WATER INJECTION DATA
PILOT WATERFLOOD
HIGH LONESOME POOL
EDDY COUNTY, NEW MEXICO
FOR
MOAB DRILLING COMPANY
AND
UTEX EXPLORATION, INC.
1957

Lease and Well No. .	Water Injection - Barrels Per Month						Cumulative to 12-1-57
	June	July	August	Sept.	Oct.	Nov.	
<u>Moab Drilling Company</u>							
<u>Davis-Federal</u>							
12-W	755	2,382	1,647	661	1,660	4,076	11,181
22-W	-	863	2,415	2,280	3,709	4,681	13,948
 <u>Skelly-State</u>							
13-W	713	2,231	3,180	391	1,037	1,045	8,597
14-W	1,078	2,459	2,636	1,935	2,035	1,146	11,289
23-W	44	978	2,821	2,258	2,814	1,623	10,538
24-W	<u>63</u>	<u>1,312</u>	<u>2,283</u>	<u>2,102</u>	<u>1,428</u>	<u>503</u>	<u>7,691</u>
Total	2,653	10,225	14,982	9,627	12,683	13,074	63,244
Average Barrels Per Day	332	409	484	321	409	436	
Cumulative	2,653	12,878	27,860	37,487	50,170	63,244	

BEFORE THE
 OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
 Appd. EXHIBIT No. 2-A
 CASE 1225



HIGH LONESOME POOL Eddy County, New Mexico

- | | |
|--|----------------------------|
| ○ Producing Well Location | ✱ Abandoned Producing Well |
| ● Producing Well | ✱ Abandoned Injection Well |
| ⊙ Injection Well Location | ✱ Abandoned Gas Well |
| ⊙ Injection Well | ⚙ Water Supply Well |
| ⊙ Converted Producer to Injection Well | ⚙ Water Plant |
| ✱ Gas Well | ⊙ Tank Battery |
| ✱ Dry Hole | |

0 500 1000
Scale in Feet

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Appn. EXHIBIT No. 3-A
CASE 1225

Revised 8-5-57