September 10, 1948

Memorandum for the files:

The location of the Interstate Stockyards, Inc. No. 1 Dunigan test, located 330 feet from the north and west lines of sec. 15, T. 15 S., R. 30 E., Chaves County, New Mexico, on permit Las Cruces 038148, was inspected on April 16, 1948, by John A. Reed. The well was properly plugged, the marker set and the location generally cleaned up.

In the absence of a subsequent report of abandonment, this memorandum is being placed in the file. The proposed purposes and the plugging and abandonment of the well is hereby approved.

JOHN A. [illegible]
District Engineer.

JAB:LJL

P. O. Box 1057
Roswell, New Mexico
July 24, 1948

Mr. Paul R. English
P. O. Box 1057
Artesia, New Mexico

Re: Lea County [illegible]

Dear Mr. English:

Under date of April 8, 1948, you were requested to submit a "Subsequent Report of Abandonment" in connection with the plugging of the Interstate Mineral, Inc., No. 1 Dunigan test in Sec. 15, T. 15 S., R. 30 E. The report has not as yet been received, although plugging operations have been completed for some time.

We have received a request from our Washington office for a report in connection with the final abandonment of this test, and you, of course, realize that it is not possible to terminate the period of liability under the bond until such a time as all reports have been submitted and approved by this office.

Will you please, therefore, promptly submit a subsequent report of abandonment, giving complete details of the work performed? This report is hereby required by not later than August 15, 1948. Blank copies of the Sundry Notices form are attached hereto for your convenience.

Yours very truly,

JOHN A. [illegible]
District Engineer

JAB:LJL
Enclosure

P. O. Box 997
Roswell, New Mexico
April 24, 1942

Mr. Paul B. English
Box 223
Artesia, New Mexico

Re: Lease Las Cruces 050618

My dear Mr. English:

On April 15, 1941, we approved a "Notice of Intention to Abandon" the Interstate Minerals, Inc., #1 Dunnigan test in section 15, T. 15 S., R. 30 E., Eddy County, New Mexico. The notice was approved, under the condition that a "Subsequent Report of Abandonment", giving complete details of the operations performed would be submitted to this office within ten days after completion of the work. We have not as yet received a "Subsequent Report of Abandonment."

Inasmuch as plugging operations on this well have been completed, please prepare and forward, promptly, a report covering the work done so that the record may be closed on this case.

Very truly yours,

JOHN A. BARNETT,
District Engineer.

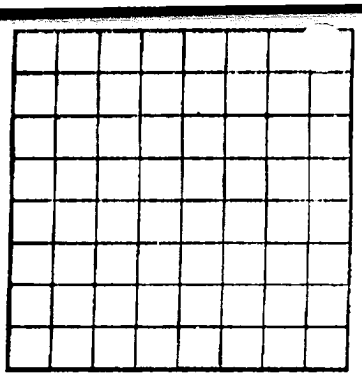
JAB:th

cc: Mrs. Grace McDonald Phillips

U. S. Land Office [illegible]

Serial Number 080648

Lease or Permit to Prospect .....



LOCATE WELL CORRECTLY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Interstate Minerals, Inc. Address Mrs. Grace McDonald Phillips. Roswell, New Mexico

Lessor or Tract Dunnigan-assigned to Interstate Minerals, Inc. Field ..... State .....

Well No. 1 Sec. 15 T. 15S R. 30E Meridian N.M.P.M. County Chaves

Location 330 ft. {S.} of N Line and 330 ft. {W.} of ..... Line of Sec. 15 Elevation 4035

(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Interstate Minerals Inc By Edna Mae Bear

Date January 8, 1940 Title Operator

The summary on this page is for the condition of the well at above date.

Commenced drilling May, 19 38 Finished drilling November, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from 180 to 185 No. 3, from 3775 to .....

No. 2, from 550 to 565 No. 4, from ..... to .....

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10"				608'					
8"				2466'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	2466'	50			

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ..... feet to ..... feet and from ..... feet to ..... feet

Cable tools were used from entirely feet to ..... feet and from ..... feet to ..... feet

FOLD | MARK

FROM	TO	TOTAL FEET	FORMATION

Interstate Minerals, Inc. — No. 1 - NW¼NW¼ Sec.15-15S-[illegible]

0-	15	sand hard
15-	80	caliche
80-	115	red shale
115-	180	greenish blue and red shale
180-	185	sandy shale-½ baler per hour water
185-	205	bluish green shale
205-	265	red shale
265-	290	red and brown shale
290-	310	red shale
310-	340	red shale sandy
340-	385	brown shale
385-	410	red rock
410-	490	red bed
490-	507	red and coarse sand
507-	517	sandy lime shells
517-	550	red beds
550-	565	sand water
565-	590	red rock
590-	650	sandy shale
650-	705	red sandy shale
705-	720	sandy shale
720-	732	pink and tan dolomite and sand
732-	760	top of anhydrite
760-	775	red sand and anhy
775-	790	anhy and red sand
790-	805	red sand and anhy
805-	830	red sand and anhy
830-	850	anhy, sandy shale
850-	850	salt and red shale
	850	top of salt
850-	875	salt and anhy
875-	1070	salt
1070-	1090	salt and anhy
1090-	1100	salt
1100-	1130	salt and anhy
1130-	1150	anhy
1150-	1165	anhy and salt
1165-	1235	salt
1235-	1300	anhy and salt
1300-	1325	salt and red potash
1325-	1400	salt and anhy
1400-	1440	salt
1440-	1455	polyhalite and salt
1455-	1480	salt, little poly
1480-	1505	100% salt, base salt
1505-	1525	anhy and salt
1525-	1535	anhy solid
1535-	1550	anhy, salt, red shale
1550-	1565	anhy and red shale
1565-	1570	anhy and red shale
1570-	1585	salt and anhy
1585-	1620	anhy and salt
1620-	1630	anhy, little sand
1630-	1675	anhy and salt
1675-	1690	anhy and sand
1690-	1700	anhy and red sand
		top Yates sand
1700-	1735	anhy and red sand
1735-	1750	anhy sandy
1750-	1920	anhy and red sand
1920-	2000	[illegible]
2000-	2020	anhy
2020-	2045	anhy and dolomite
2045-	2095	anhy and shale
2095-	2165	anhy and salt
2165-	2245	anhy, salt and shale
2245-	2260	anhy and red sand
2260-	2275	anhy
2275-	2290	anhy and red sand
2275-	2325	Bowers sand
2290-	2300	red sand
2300-	2325	anhy and red sand
2325-	2400	anhy
2400-	2450	anhy and shale
2450-	2460	anhy, red shale and red sand
	2460	top red sand
2460-	2470	anhy and red sand
2470-	2500	anhy, shale and red sand
2500-	2515	anhy, shale and red sand
2515-	2525	anhy, shale and gray sand
Steel line measurement corrected to 2494		
2470-	2480	anhy and sand
2480-	2490	anhy, salt and red sand
2490-	2494	anhy, shale and red sand
2494-	2525	anhy, red shale and red sand
2525-	2560	anhy, salt and shale
2560-	2570	anhy (Bentonite) and red shale
2570-	2605	[illegible]
	2605	top Penrose
2625-	2665	anhy, salt and red sand
2665-	2725	anhy and red sand
2725-	2740	anhy and sand
2740-	2820	anhy and red shale
2820-	2840	anhy, sand and shale
2840-	2860	red sand, shale
2860-	2880	anhy and red sand
2880-	2895	anhy, sand and lime shells
2895-	2940	anhy
2940-	2970	anhy and lime
2970-	3000	anhy
3000-	3045	anhy and lime
3045-	3070	anhy
3070-	3125	lime and anhy
3125-	3145	top San Andres
3145-	3265	lime gray
3265-	3520	lime, some shale
3520-	3527	black lime
3527-	3585	lime dark gray
3585-	3595	gray lime
3595-	3638	dark gray lime
3638-	3730	gray lime
3730-	3982	brown lime
3982-	4000	dark stained lime

	red shale
180- 185	sandy shale-4 baler per hour wa[illegible]
185- 205	bluish green shale
205- 265	red shale
265- 290	red and brown shale
290- 310	red shale
310- 340	red shale sandy
340- 385	brown shale
385- 410	red rock
410- 490	red bed
490- 507	red and coarse sand
507- 517	sandy lime shells
517- 550	red beds
550- 565	sand water
565- 590	red rock
590- 650	sandy shale
650- 705	red sandy shale
705- 720	sandy shale
720- 732	pink and tan dolomite and sand
732- 760	top of anhydrite
760- 775	red sand and shy
775- 790	anhy and red sand
790- 805	red sand and anhy
805- 830	red sand and anhy
830- 850	anhy, sandy shale
850- 850	salt and red shale
830	top of salt
850- 875	salt and anhy
875-1070	salt
1070-1090	salt and anhy
1090-1100	salt
1100-1130	salt and anhy
1130-1150	anhy
1150-1165	anhy and salt
1165-1235	salt
1235-1300	anhy and salt
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1690-1700	anhy and red sand
	top Yates sand
1700-1735	anhy and red sand
1735-1750	anhy sandy
1750-1920	anhy and red sand
1920-2000	anhy and shale

2245-2260	anhy and red sand
2260-2275	anhy
2275-2290	anhy and red sand
2275-2325	Bowers sand
2290-2300	red sand
2300-2325	anhy and red sand
2325-2400	anhy
2400-2450	anhy and shale
2450-2460	anhy,red shale and red sand
2460	top red sand
2460-2470	anhy and red sand
2470-2500	anhy, shale and red sand
2500-2515	anhy, shale and red sand
2515-2525	anhy, shale and gray sand
Steel line	measurement corrected to 2494
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2880-2895	anhy, sand and lime shells
2895-2940	anhy
2940-2970	anhy and lime
2970-3000	anhy
3000-3045	anhy and lime
3045-3070	anhy
3070-3125	lime and anhy
3125-3145	top San Andres
3145-3265	lime gray
3265-3520	lime, some shale
3520-3527	black lime
3527-3585	lime dark gray
3585-3595	gray lime
3595-3638	dark gray lime
3638-3730	gray lime
3730-3982	brown lime
3982-400[illegible]	dark stained lime