



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address Fort Worth, Texas  
Lessor or Tract Turner Field Fren State N. Mex.  
Well No. 40-B Sec. 17 T. 17S R. 31E Meridian NMPM County Eddy  
Location 1650 ft.  $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$  of 3 Line and 990 ft.  $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$  of W Line of Sec. 17 Elevation 3691  
(Elevation 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 Harold KerseyDate April 4, 1953Title Agent

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

Commenced drilling 2/21, 1953 Finished drilling 3/21, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1951 to 1954 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1982 to 1987 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 415 to 420 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8</u>	<u>28.8</u>	<u>8.0</u>		<u>543'</u>	<u>common</u>				
<u>7</u>	<u>20.8</u>	<u>8.0</u>		<u>1925'</u>					
<u>5 1/2</u>	<u>11.3</u>	<u>8.0</u>		<u>80'</u>					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>543'</u>	<u>50</u>	<u>Plug</u>		
<u>7</u>	<u>1925'</u>	<u>100</u>			
<u>5 1/2</u>	<u>1992'</u>	<u>Liner set on bottom and perforated through pay zones</u>			

## 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
<u>Well shot with 180 quarts of liquid nitro-glycerine from 1951-1992' and cleaned out on bottom. Well shot on March 18, 1953.</u>						

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 1992 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing 3/23/53, 19\_\_\_\_

The production for the first 24 hours was 26 barrels of fluid of which 100% was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 36

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

G. C. Pratt, Driller G. W. Baker, Driller  
Jim Hammond, Driller John Hammond, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Sand</u>
<u>10</u>	<u>275</u>	<u>265</u>	<u>Red Bed</u>
<u>275</u>	<u>518</u>	<u>243</u>	<u>Anhy - water 415-420' 1 B. P. H.</u>
<u>518</u>	<u>531</u>	<u>13</u>	<u>Salt &amp; Red Bed</u>
<u>531</u>	<u>1268</u>	<u>737</u>	<u>Salt</u>
<u>1268</u>	<u>1950</u>	<u>682</u>	<u>Anhy</u>
<u>1950</u>	<u>1954</u>	<u>4</u>	<u>BROWN DOLOMITE OIL PAY</u>
<u>1954</u>	<u>1982</u>	<u>28</u>	<u>Anhy</u>
<u>1982</u>	<u>1987</u>	<u>5</u>	<u>BROWN DOLOMITE OIL PAY</u>
<u>1987</u>	<u>1992</u>	<u>5</u>	<u>Anhy T. D.</u>

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**FORMATION RECORD—Continued**

FROM-	TO--	TOTAL FEET	FORMATION
0-10	10-20	10	SANDSTONE
10-20	20-30	20	SANDSTONE
20-30	30-40	20	SANDSTONE
30-40	40-50	20	SANDSTONE
40-50	50-60	20	SANDSTONE
50-60	60-70	20	SANDSTONE
60-70	70-80	20	SANDSTONE
70-80	80-90	20	SANDSTONE
80-90	90-100	20	SANDSTONE
90-100	100-110	20	SANDSTONE
100-110	110-120	20	SANDSTONE
110-120	120-130	20	SANDSTONE
120-130	130-140	20	SANDSTONE
130-140	140-150	20	SANDSTONE
140-150	150-160	20	SANDSTONE
150-160	160-170	20	SANDSTONE
160-170	170-180	20	SANDSTONE
170-180	180-190	20	SANDSTONE
180-190	190-200	20	SANDSTONE
190-200	200-210	20	SANDSTONE
200-210	210-220	20	SANDSTONE
210-220	220-230	20	SANDSTONE
220-230	230-240	20	SANDSTONE
230-240	240-250	20	SANDSTONE
240-250	250-260	20	SANDSTONE
250-260	260-270	20	SANDSTONE
260-270	270-280	20	SANDSTONE
270-280	280-290	20	SANDSTONE
280-290	290-300	20	SANDSTONE
290-300	300-310	20	SANDSTONE
300-310	310-320	20	SANDSTONE
310-320	320-330	20	SANDSTONE
320-330	330-340	20	SANDSTONE
330-340	340-350	20	SANDSTONE
340-350	350-360	20	SANDSTONE
350-360	360-370	20	SANDSTONE
360-370	370-380	20	SANDSTONE
370-380	380-390	20	SANDSTONE
380-390	390-400	20	SANDSTONE
390-400	400-410	20	SANDSTONE
400-410	410-420	20	SANDSTONE
410-420	420-430	20	SANDSTONE
420-430	430-440	20	SANDSTONE
430-440	440-450	20	SANDSTONE
440-450	450-460	20	SANDSTONE
450-460	460-470	20	SANDSTONE
460-470	470-480	20	SANDSTONE
470-480	480-490	20	SANDSTONE
480-490	490-500	20	SANDSTONE
490-500	500-510	20	SANDSTONE
500-510	510-520	20	SANDSTONE
510-520	520-530	20	SANDSTONE
520-530	530-540	20	SANDSTONE
530-540	540-550	20	SANDSTONE
540-550	550-560	20	SANDSTONE
550-560	560-570	20	SANDSTONE
560-570	570-580	20	SANDSTONE
570-580	580-590	20	SANDSTONE
580-590	590-600	20	SANDSTONE
590-600	600-610	20	SANDSTONE
600-610	610-620	20	SANDSTONE
610-620	620-630	20	SANDSTONE
620-630	630-640	20	SANDSTONE
630-640	640-650	20	SANDSTONE
640-650	650-660	20	SANDSTONE
650-660	660-670	20	SANDSTONE
660-670	670-680	20	SANDSTONE
670-680	680-690	20	SANDSTONE
680-690	690-700	20	SANDSTONE
690-700	700-710	20	SANDSTONE
700-710	710-720	20	SANDSTONE
710-720	720-730	20	SANDSTONE
720-730	730-740	20	SANDSTONE
730-740	740-750	20	SANDSTONE
740-750	750-760	20	SANDSTONE
750-760	760-770	20	SANDSTONE
760-770	770-780	20	SANDSTONE
770-780	780-790	20	SANDSTONE
780-790	790-800	20	SANDSTONE
790-800	800-810	20	SANDSTONE
800-810	810-820	20	SANDSTONE
810-820	820-830	20	SANDSTONE
820-830	830-840	20	SANDSTONE
830-840	840-850	20	SANDSTONE
840-850	850-860	20	SANDSTONE
850-860	860-870	20	SANDSTONE
860-870	870-880	20	SANDSTONE
870-880	880-890	20	SANDSTONE
880-890	890-900	20	SANDSTONE
890-900	900-910	20	SANDSTONE
900-910	910-920	20	SANDSTONE
910-920	920-930	20	SANDSTONE
920-930	930-940	20	S

### HISTORY OF OIL OR GAS WELL

16-43094-1

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.