Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 (a)
LEASE OR PERMIT TO PROSPECT Mancil E. Turner

UNITED STATES 30-015-05239
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Production Company, Inc. (Danciger Oil & Refineries, Inc.) Address P. O. Box 670, Fort Worth, Texas

Lessor or Tract United States Field Jackson State New Mexico

Well No. 14-A Sec. 19 T. 17S R. 31E Meridian NMPM County Eddy

Location 1650 ft. {N.} of N Line and 660 ft. {E.} of W Line of SW¼ NW¼ Sec. 19 Elevation 3681
(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 [signature]

Date NOV 14 1951

Title Agent

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

Commenced drilling September 20th, , 1941 Finished drilling December 20th, 19 41

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1898-1908 to Small Show Oil
No. 2, from 2545-2560 to Gas
2700-2715 Gas
No. 3, from 2805-2809 to Increase in Gas
2958-2969 Small Show Oil
No. 4, from 3106-3117 Small Show O&G
3405-3410 to Small Show Oil
No. 5, from 3436-3440 to Show of Oil
3440-3445 Oil & Gas
No. 6, from 3457-58 to Oil & Gas
3460-63 Oil & Gas
3465-70 Oil & Gas

IMPORTANT WATER SANDS

No. 1, from ____ to ____ 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 From—	Perforated To—	Purpose
8-5/8	24#			528'					
7" OD	20#			2927'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	528	50	Halliburton		
7" OD	2927	100	Halliburton		5 Tons

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
Acidized well from 3436-46 under packer set at 3425' with 3000 gallons acid.						
Acidized above packer from 3405-10 using 2000 gallons acid.						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 3467 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing December 1st, 19 41

The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Kerney & Co., ____ Driller ____, Driller
Artesia, N.M. ____ Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80		Sand & Gyp
80	130		Sand, Red Rock
130	160		Sand, Yellow
160	250		Red Bed
250	260		Anhydrite
260	275		Red Bed
275	380		Anhydrite
380	385		Red Bed
385	400		Anhydrite
400	420		Red Bed
420	440		Anhydrite
440	490		Red Bed
490	520		Salt & Anhydrite
520	1230		Salt
1230	1335		Anhydrite
1335	1395		Lime
1395	1425		Anhydrite
1425	1490		Anhydrite & Red Bed
1490	1575		Anhydrite
1575	1583		Blue Shale
1583	1600		Anhydrite
1600	1630		Red Bed & Anhydrite
1630	1640		Anhydrite
1640	1670		Blue Shale & Anhydrite

(OVER)

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FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1670	1685		Anhydrite
1685	1690		Lime
1690	2308		Anhydrite
2308	2325		Anhydrite & Red Sand
2325	2330		Red Sand
2330	2470		Anhydrite
2470	2477		Brown Lime
2477	2540		Anhydrite
2540	2545		Lime, Brown
2545	2560		Sandy Lime
2560	2565		Lime, Sandy, Hard
2565	2595		Sandy Anhydrite
2595	2650		Anhydrite
2650	2675		Anhydrite & Lime
2675	2700		Anhydrite
2700	2755		Gray Lime
2755	3082		Lime
3082	3072		White Lime
3072	3412		Lime
3412	3435		Lime
3435	3436		Hard Lime
3436	3440		Broken Brown Lime
3440	3445		Broken Brownish Lime
3445	3447		Hard Gray Lime
3447	3453		Lime, Medium Soft
3453	3457		Hard Lime
3457	3458		Soft Lime
3458	3460		Hard Lime, Light Brown
3460	3463		Soft Lime, Light Brown
3463	3465		Hard Lime, Lighter Brown
3465	3475		Soft Porous Brown Lime

Account show of water in lime from 3470-75, well was plugged back with Calseal to 3467'. TD

HISTORY OF OIL OR GAS WELL

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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.

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