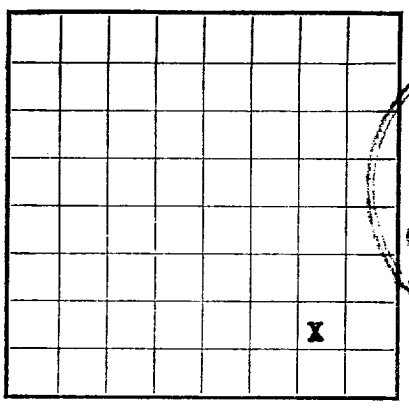
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078875
LEASE OR PERMIT TO PROSPECT Canyon Large Unit



LOCATE WELL CORRECTLY

RECEIVED
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DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KENNETH PHILLIPS - GOVERNMENT #2-29

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address Midland, Texas
Lessor or Tract Field Canyon Large P.C. State New Mexico
Well No. 2-29 Sec. 29 T. 25N R. 6W Meridian NMPM County Rio Arriba
Location 990 ft. [N.] of S Line and 990 ft. [W.] of E Line of Section 29 Elevation 6818' gl
(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 L. J. Willis (L.J. Willis)
Date February 13, 1956 Title Petroleum Engineer

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

Commenced drilling January 18, 19 56 Finished drilling February 8, 19 56

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2632' to 2640' (Gas) No. 4, from 2708' to 2722' (Gas)
No. 2, from 2643' to 2652' (Gas) No. 5, from to
No. 3, from 2673' to 2681' (Gas) No. 6, from to

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#	8	Spang	195'	Baker	-----	--	--	Surface
5-1/2"	14 & 15.5#	8	Spang	2765'	Baker	-----	2632	40	Production
							2643	52	
							2673	81	
							2708	22	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	195'	125 sax	2 - Plug	Water	Cement circulated to surf
5-1/2"	2765'	125 sax	2 - Plug	9.7	Hole full

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 -0- feet to 2765' feet, and from feet to feet
Cable tools were used from to Clean out after frac job feet, and from feet to feet

DATES

February 12, 19 56 Put to producing Shut In Gas Well, 19

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

If gas well, cu. ft. per 24 hours 2,415,600 Gallons gasoline per 1,000 cu. ft. of gas 0.3
Rock pressure, lbs. per sq. in. 720#

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2140'	2140'	Clay, sand, shale & conglomverate
2140	2615	475'	Shale, sand & coal
2615	2726'	111'	Sand & shale
2726	2765'	39'	Shale
total depth:	2765'		TOP PICTURED CLIFFS: 2615'
PBTD:	2730'		

SANDFRAC TREATMENT

Treated perfs 2632-40'; 2643-52'; 2673-81'; & 2708-22' w/30,000# sand w/25,000 gallons water & flushed w/6000 gallons water. Max press 1200#, Min Press 900#, Final Press 500#, SIP 250#, Injection rate 39 BPM.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			Clay, sand, shale & conglomerate
-0-	1,040'	1,040'	
1,040	1,245'	205'	Shale, sand & coal
1,245	1,355'	110'	Sand & shale
1,355	1,432'	77'	Shale
1,432	1,457'	25'	
Total depth:	1,457'		NON DISCLOSED CHARGE: 5,175'
PBTD:	1,430'		

PRODUCING INTERVALS

Perforated Depth 5,025-5,035' ; 5,045-5,055' ; 5,070-5,075' & 5,100-5,105' w/30,000# Sand & 1,000 Gallons acid. Max Press 2,000#, Injection rate 25 B.P.M. Final press 500# & 1,000# press min 15 min.

TOOLS USED

Rotary tools were used from 0' feet to 1,457' feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

Completed drilling 12-8-58 Put to producing 12-18-58

REMARKS

The information on this sheet 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 (L.L. Millie)

Petroleum Engineer

Date February 12, 1959

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

Commenced drilling December 15, 1958 Finished drilling December 8, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5,025' to 5,040' (Gas)	No. 4, from 5,085' to 5,115' (Gas)				
No. 2, from 5,055' to 5,065' (Gas)	No. 5, from to				
No. 3, from 5,075' to 5,085' (Gas)	No. 6, from to				

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#	8	Spang	1,561'	Larkin		--	--	Surface
5-1/2"	15.5#	8	Spang	5,108'	Baker		5,035'	5,075'	Oil string

WINDING AND CEMENTING RECORD

Size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1,561'	1,150 sax	S - Plug	Water	Cement circulated to surf.
5-1/2"	5,108'	150 sax	S - Plug	7.9	Hole full

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0' feet to 1,457' feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

Completed drilling December 15, 1958 Put to producing December 18, 1958

REMARKS

The information on this sheet 24 hours was ____ barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °API ____

If gas well, cu. ft. per 24 hours 5,144,000 Gallons gasoline per 1,000 cu. ft. of gas 0.3

Rock pressure, lbs. per sq. in. ____%

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	1,040'	1,040'	Clay, sand, shale & conglomerate
1,040	1,245'	205'	Shale, sand & coal
1,245	1,355'	110'	Sand & shale
1,355	1,432'	77'	Shale
1,432	1,457'	25'	
Total depth:	1,457'		NON DISCLOSED CHARGE: 5,175'
PBTD:	1,430'		

PRODUCING INTERVALS

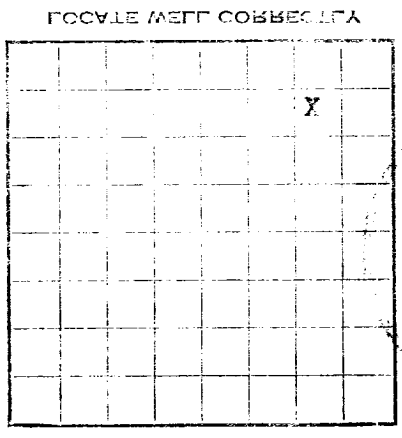
Perforated Depth 5,025-5,035' ; 5,045-5,055' ; 5,070-5,075' & 5,100-5,105' w/30,000# Sand & 1,000 Gallons acid. Max Press 2,000#, Injection rate 25 B.P.M. Final press 500# & 1,000# press min 15 min.

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

16—43094—U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE OR PERMIT TO PROSPECT Carson Large Unit
SERIAL NUMBER 079875
U. S. LAND OFFICE Santa Fe

Budget Bureau No. 42-R-355.5.
Approval expires 12-31-60.

Company The Superior Oil Company Address Midland, Texas

Lessor or Owner Elid Carson Large U.S. State New Mexico

Well No. 25-5 Sec. 25 T. 25N R. 6W Meridian NMPM County Rio Arriba

Location 990 ft. N. of S. Line and 990 ft. E. of W. Line of Section 25 Elevation 6,175'

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 (L.L. Millie)

Petroleum Engineer

Date February 12, 1959

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

Commenced drilling December 15, 1958 Finished drilling December 8, 1958

FORM 9-330