Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. Land Office Las Cruces
Serial Number 069054
Lease or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 6 - 1953
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company ROWAN DRILLING COMPANY, INC. Address 1926 Fair Bldg., Ft. Worth, Texas

Lessor or Tract W. P. Simmons Field Wildcat State New Mexico

Well No. 1 Sec. 8 T. 10S R. 38E Meridian NMPM County Lea

Location 660 ft. {N. / S.} of N. Line and 660 ft. {E. / W.} of W. Line of Section 8 Elevation 3931'
(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] Title Chief Production Clerk

Date April 3, 1953

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

Commenced drilling December 14, 1952 Finished drilling March 31, 1953

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from None encountered. 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 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
13 3/8"	48#	STAC	Youngstown	362'	Baker	-	-	-	-
8 5/8"	32#	STAC		4399'	"	606'	-	-	-

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	362'	350	Halliburton	-	Water
8 5/8"	4399'	1500	Halliburton	-	Water

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 12,165' TD feet, and from ---- feet to ---- feet

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

DATES

----, 19---- Put to producing ----, 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 ---- Gallons gasoline per 1,000 cu. ft. of gas ----

Rock pressure, lbs. per sq. in. ----

EMPLOYEES

----, Driller ----, Driller

----, Driller ----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	TOPS	
0	345'	345'	Surface Clay		
345'	365'	20'	Surface Rock		
365'	1900'	1535'	Red Bed		
1900'	2100'	200'	Anhydrite & Salt	2300'	Anhydrite
2100'	4261'	2161'	Anhydrite Gyp & Salt	2900'	Yates
4261'	6161'	1900'	Lime	4200'	San Andres
6161'	6820'	659'	Lime & Shale	5720'	Glorietta
6820'	7289'	469'	Lime	9350'	Pennsylvanian
7289'	7405'	116'	Lime & Shale	11,600'	Mississippian
7405'	7719'	314'	Lime	12,070'	Woodford
7719'	8180'	461'	Lime & Shale	12,113'	Devonian
8180'	8204'	24'	Dolomite		
8204'	8246'	42'	Lime		
8246'	8602'	356'	Lime & Shale		
8602'	8707'	105'	Lime		
8707'	8790'	83'	Lime & Shale		
8790'	9038'	248'	Dolomite		
9038'	9241'	203'	Lime		
9241'	9306'	65'	Lime & Chert		
9306'	10,520'	1,214'	Lime & Shale		
10,520'	11,346'	826'	Lime		
11,346'	11,747'	401'	Lime, Shale & Chert		
11,747'	11,821'	74'	Lime		
11,821'	11,870'	49'	Lime & Chert		
11,870'	11,927'	57'	Lime & Shale		
11,927'	12,002'	75'	Lime		
12,002'	12,165'	163'	Lime & Shale		

FOLD | MARK

[OVER]

16—43094-2

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

REMARKS:

Well was abandoned April 8, [illegible], after recovering 606' of 8 5/8" 32# J-55 casing (top of cement behind 8 5/8" casing was found @ 750' when temperature survey was run). [illegible] sack cement plug was set in bottom of hole and hole was filled with heavy mud to 5,020' where a cement plug was set to 4,947' (10' above and below tested interval from 4,957' to 5,010'). Heavy mud was placed in hole to bottom of 8 5/8" casing @ 4,400' where 20 sack cement plug was set. Hole was filled with heavy mud to top of 13 3/8" surface casing where cement plug was set. A 10' marker (drill pipe) was set in cement in surface casing and extends 4' above ground level.