HOBBS OFFICE OCC

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

1959 AUG 25 AM 10 03

Santa Fe, N. M.

Serial Number NM-01495

Lease or Permit to Prospect

AUG 24 1959

RECEIVED
AUG 20 1959
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sohio Petroleum Company Address P. O. Box 3191, Midland, Texas

Lessor or Tract Monterey-Federal Field Wildcat State New Mexico

Well No. 1 Sec. 27 T. 13-S R. 30-E Meridian NMPM County Chaves

Location 660 ft. [illegible] of S. Line and 1980 ft. [illegible] of W. Line of Section 27 Elevation 3981 (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 A. K. Hood

Date August 17, 1959 Title Superintendent of Operations

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

Commenced drilling May 24, 1959 Finished drilling August 9, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Dry Hole to

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, from to

No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to

No. 2, from to

No. 3, 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 #	8 rd.	Lone Star	517.64	Baker Float	-0-	None		Surface
9-5/8	36 #	8 rd.	Lone Star	2916.13	Baker Float	-0-	None		Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	517.64	500 sx.			
9-5/8	2916.13'	1400 sx.			

PLUGS AND ADAPTERS (See Remarks on back for P&A)

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
NONE						

TOOLS USED

Rotary tools were used from 0 feet to 10,460 feet, and from feet to feet

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

DATES

, 19 Plugged & Abandoned August 9, 1959

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

Great Western Drilling Company, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
694	1392	698	Rustler
1392	2102	710	Yates
2102	2693	591	Queen
2693	4063	1370	San Andres
4063	5518	1455	Glorieta
5518	6398	880	Fullerton
6398	7463	1065	Abo
7463	8262	799	Wolfcamp
8262	9653	1391	Pennsylvanian
9653	10,340	687	Mississippian
10,340	TD	120	Siluro-Devonian
			TD 10,460'

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

The well is Plugged & Abandoned. T. D. 10,460'.
No Casing was pulled. Plug record as follows:

Plug No.	Depth Set	No. Sx. Cement	Pump Pressure	Est. Top of Plug
1	10,200'	25	600	10,119'
2	9,500'	25	650	9,419'
3	7,439'	25	550	7,358'
4	3,520'	25	300	3,457'
5	3,000'	50	250	2,872'
6	Surface	25	0	Bottom @ 78'

Commenced plugging @ 12:00 p.m., Finished @ 11:00 p.m. August 9, 1959.
Mud Weight 9.5#/Gal. Viscosity 48 cp.
Well cap w/1/2" steel cap to 13-3/8" csg. Monument 4" pipe 4' above grd. w/description of well.

DRILL STEM TEST DATA:

Test #1 - 9255-9281' (Pennsylvanian) Tool open 3 hrs. Weak to strong blow in 15 min. continuing throughout test. Rec. 8191' of gas in drill pipe, 1000' of water blanket and 90' HGCM. In. 30" SIP 1240#, IFP 425#, FFP after 3 hrs. 425#, Final 30" SIP 1260#, In. Hyd. Pr. 4820#, Fin. Hyd. Pr. 4820#. BHT [illegible] F.

Test #2 - 10,324-10,429' (Mississippian) Tool open 2 hrs. Gas to surface in 1[illegible] hrs. Good blow throughout test. Rec. 6625' of fluid consisting of 1500' wtr. blanket & 5125' of SW. ISIP (45 min.) 3790#, FSIP (45 min.) 3745#, IFP 2290#, FFP 3020#, IHP 5005#, FHP 5005#.

Test #3 - 10,340-10,460'. Tool open 2 hrs. Air to good blow [illegible] hr. Rec. 9340' of fluid consisting of 1500' wtr. blanket, 1080' drlg. mud, and 6760' SW. ISIP (30 min.) 4255#, FSIP (30 min.) 4300#, IFP 4125#, FFP 4285#, IHP 5100#, FHP 5125#.

LOCATE WELL CORRECTLY

TOC OF OIL OR GAS WELL

LOGS RUN:
Gamma-Ray Neutron - Surface to 2918' & 2800 - 10,458'
Forxo Log - 2911 to 10,455' (2911 to 3600', 3000 to 7460', & 8700-10,455')
Guard Log - 2911 to 10,453'

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