COPY TO O

Form 9-330

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

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC 068665
LEASE OR PERMIT TO PROSPECT

HOBBS OFFICE, OCC

1962 NOV 30 AM 8 53

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 5 1962
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Sam H. Jolliffe, Jr. Address 716 First National Bank Building, Midland, Texas
Lessor or Tract Bass Federal Field Wildcat State New Mexico
Well No. 1 Sec. 18 T. 25S R. 33E Meridian N.M.P.M. County Lea
Location 660 ft. {N.} of N Line and 660 ft. {W.} of W Line of Section 18 Elevation 3497 (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 John Scott Pleasant
Date November 2, 1962 Title Geologist

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

Commenced drilling September 30, 1962, 19 Finished drilling October 11, 1962, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from ____ 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 4946 to 4986 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#			414	Baker				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	414'	150	Circulated		

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 5080 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
0	986	986	Red Beds
986	1215	229	Anhydrite
1215	4678	3463	Salt & Anhydrite
4678	4915	237	Anhydrite
4915	4942	27	Black Lime
4942	5080	138	Sand

FOLD MARK

[OVER]

16—43094-4

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.

Cored 4980-5030, Rec. 50' sd & sh

Cored 5030-5080, Rec. 50' shly sd, N.S.

Straddle Packer DST 4946-4986, open 2 hrs, 10 min. Rec. 275' mud cut salt water plus 195' salt water.

Set cement plugs 5080-4910, 4750-4700, 1150-1100, 465-365, and a 15 sack plug at surface. Used a 4 foot location and identification marker. Mud was used between all plugs.

Top Anhydrite	986'
Top Salt	1215'
Base Salt	4678'
Top Lamar Lime	4915'
Top Delaware Sand	4942'
Top Ramsey	4957'
Top Olds	4992'