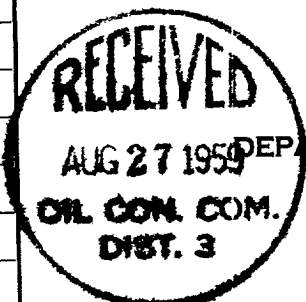


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N.M. 013365
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Redfern and Hard Address Box 1747 Midland, Texas
 Lessor or Tract Phillips Field Undesignated State New Mexico
 Well No. 1 Sec. 16 T. 28 N. R. 11 W Meridian NMPS County San Juan
 Location 1190 ft. S of N Line and 1630 ft. E of W Line of Sec. 16 Elevation 5270
 (Derive floor relative to base)

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.

so far as can be determined from all available records.

Signed _____ Original signed by T. A. Dugan

Date August 6, 1959 Title Consulting Eng.

Date August 6, 1959 Title Consolidating Eng.
The summary on this page is for the condition of the well at above date, well #12119
Completed drilling 12-10-59 Finished drilling 1-8, 19 59

OIL OR GAS SANDS OR ZONES

No. 1 from 6000 to 6000
 No. 2 from 6000 to 6000
 No. 3 from 6000 to 6000
 No. 4 from 6000 to 6000
 No. 5 from 6000 to 6000
 No. 6 from 6000 to 6000

IMPORTANT WATER SANDS

No. 1, from 400 to 200 No. 3, from 200 to 100
No. 2, from 200 to 100 No. 4, from 100 to 50

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
of shoes. It hinges on whether there has been any change in the position of the casing and whether the casing has been pulled in the same position as it was when it was first pulled. It is of the greatest importance to make a complete record of the well.							and sample of blinding or pulling		
It is of the greatest importance to make a complete record of the well.							Please state in detail the date of recording, together		
HISTORY OF OIL OR GAS WELL							TO— 73004-3 #2' COALEMMENT BLINDING OFFICE		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	230	150 sz.	Pump Plug		
5 1/2	6241	375 sz.	Pump Plug		

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
		For Free see reverse side				

TOOLS USED

Rotary tools were used from ~~surface~~ feet to ~~6245~~ feet, and from _____ feet to _____ feet.

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

DATES

~~7-29~~-----, 19~~29~~----- 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 3,066,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~2113-4bg.~~ 2110 csg. CAEF-3572 MCF

EMPLOYEES

EMPLOYEES

Jack Thornton	Cool.	Drill	Fleeger Drig. Co.	Driller
T.A. Mason	Eng.	Drill		Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
510	722		Kirtland
722	1363		Farwington
1363	1578		Fruitland
1578	1733		Pictured Cliffs
1733	3110		Lewis
3110	3264		Cliff House
3264	3947		Manatee
3947	4114		Point Lookout
4114	5170		Mancos
5170	5575		Gallup
5575	5946		San Jose
5946	6002		Graneros
6002			Dakota
FROM-	TO-	TOTAL FEET	FORMATION

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Signed _____
Original signed by T. A. Dugan

Location _____ of _____ line and _____ of _____ line of _____
Elevation _____
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____
Lessor or Trust _____
Company _____
Address _____
State _____

[illegible][illegible]

~~HISTORY OF OIL OR GAS WELL~~

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD		Adapters—Material	Heaving plug—Material
Size	Length		
Depth and			

SHOOTING RECORD

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
feet to	feet and from	feet to	feet and from

It gas well, cu. ft. per 24 hours	_____
% water; and	_____
% sediment	_____
The production for the first 24 hours was	_____
barrels of fluid of which	_____
% was oil;	_____
Gallons gasoline per 1,000 cu. ft. of gas	_____
Gravity, °Bé	_____
Put to producing	_____

EMPLOYEES

Driller
Driller

FORMATION RECORD

FORMATION RECORD—Continued