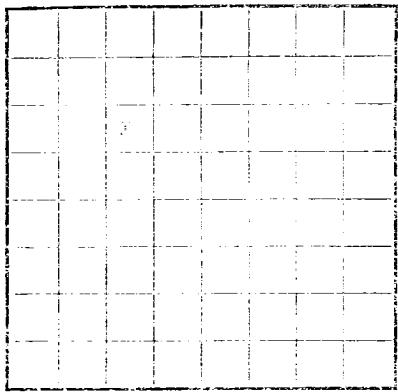


4-11-61
2-10-61, El Paso, Perm.
1-1-61
1-1-61
1-1-61

Budget Bureau No. 4-N-35.4
Approval expires 12-31-61
U. S. LAND OFFICE
SERIAL NUMBER 15-411062
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southwest Production Company Address 214 Intr. Club Plaza, Arlington, T. X.
Lessor or Tract Robert Federal Field Basin Lakota State New Mexico
Well No. 1 Sec. 13 T. 33 R. 11 Meridian Mountain County San Juan
Location 135 ft. N. of 1 Line and 135 ft. E. of 1 Line of Sec. 33 Elevation 5631 ft.
(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.
Original signed by
Signed Jean Powell

Date June 4, 1961 Title production accountant

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

Commenced drilling May 1, 1961 Finished drilling May 11, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1414 to 1414 No. 4, from 1414 to 1414
No. 2, from 1415 to 1415 No. 5, from 1415 to 1415
No. 3, from 1414 to 1414 No. 6, from 1414 to 1414

IMPORTANT WATER SANDS

No. 1, from 1414 to 1414 No. 3, from 1414 to 1414
No. 2, from 1415 to 1415 No. 4, from 1415 to 1415

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32.75	1 1/2	Star	328'					
4 1/2	10.50	1 1/2	Star	497'			1414	1414	Surface production
192 lbs. 11' 10" 1414-1414 611'									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1414'	102	used		
4 1/2	1414'	102			
				stage, float collar	1414'
				stage collar	1414'

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 _____ feet to 1414 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested 5/31/61, 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 1,346 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1,490 after 7 days.

EMPLOYEES
1-1-61 Driller W. Robertson Driller

1-1-61 Driller W. Robertson Driller
1-1-61 Driller W. Robertson Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Electric Key Tops
			Irland 940
			Paradise 1,200
			Fruitland 1,414
			Picturediffs 1,546
			Cliff House 3,500
			Point Lookout 412
			Pancos 4,015
			Callup 4,444
			Greenhorn 6,035
			Traneros 6,175
			Lakota 6,414

FORMATION RECORD—Continued

[illegible]

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 dewatered, 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.