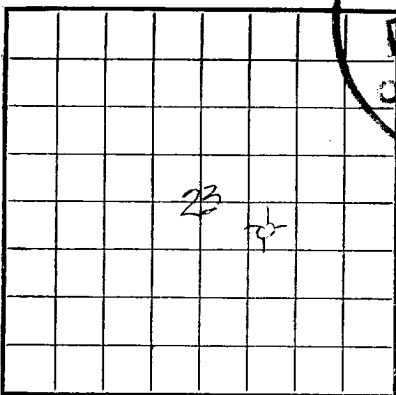




LOCATE WELL CORRECTLY



(U. S. LAND OFFICE) Navajo Indian

(SURVEY) NUMBER 14-20-601-284

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Exploration Drilling Company Address 910 Petroleum Club BuildingLessor or Tract Navajo Tribal Lease Field Undesignated State New MexicoWell No. 5 Navajo Sec. 23 T. 32N R. 18W Meridian MTM County San JuanLocation 2135 ft. N. of 8 Line and 1935 ft. EX of 8 Line of Section 23 Elevation 5375
(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 Ross E. WellsDate December 22, 1961 Title Exploration Manager

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

Commenced drilling November 29, 1961 Finished drilling December 1, 1961

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 _____ 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		Purpose
							From—	To—	
7 inch	23	8 rd		30					Surface pipe

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 inch	35 feet	6 sx regular cement, 2% CaCl			

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 1257 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

G. M. Floyd, Driller Carl Harmon, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1115	1115	Mancos, Shale, gray, slightly silty with scattered thin interbeds of very fine grain tight sandstone, no show.
1115	1254	139	Gallup, Shale, dark gray to black, calcareous with scattered thin stringers bentonite and medium to coarse grain glauconitic sandstone, no show.
			Corn No. 1 1195-1215, Recovered 20 feet, 1195-1205 feet, 10 feet shale, dark gray calcareous, with sand inclusions, scattered thin streaks bentonite. 1205-1215 feet, 9 feet shale, black, calcareous, thin very fine grain sandstone interbeds throughout, 1 foot bentonite.
1254	1257	3	Spartan, brown, finely crystalline limestone, fossil fragments.



A blank sheet of white paper with a light gray grid pattern. The grid consists of horizontal and vertical lines forming small squares across the entire page. There are some faint marks and shadows along the left edge, possibly from the binding or scanning process.

1957 1958 1959 1960 1961 1962

(The following information was obtained from the records of the Federal Bureau of Investigation.)

1. *Phragmites australis* (Cav.) Trin. ex Steud. *Phragmites australis* (Cav.) Trin. ex Steud.
2. *Phragmites australis* (Cav.) Trin. ex Steud. *Phragmites australis* (Cav.) Trin. ex Steud.

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.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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