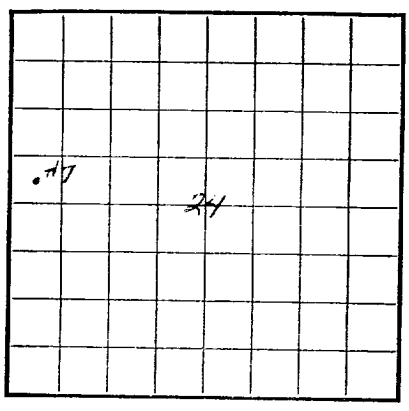
Form 9-330



LOCATE WELL CORRECTLY

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OIL CON. COM.
DIST. 3

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

U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-20-603-584
LEASE OR PERMIT TO PROSPECT

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Exploration Drilling Company Address 910 Petroleum Club Bldg., Denver, Colo.

Lessor or Tract Navajo Tribe Field Undesignated State New Mexico

Well No. 7 Sec. 24 T. 32N R. 18W Meridian NMPM County San Juan

Location 2310 ft. [N.] of N Line and 330 ft. [E.] of W Line of Section 24 Elevation 5576
(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 [illegible]

Date February 8, 1962 Title Exploration Manager

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

Commenced drilling January 13, 1962 Finished drilling January 19, 1962

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1421 to 1440 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 From—	Perforated To—	Purpose
7"				33'					Surface pipe
4-1/2"	9.5#	8	Seamless	1475.85'	Baker		1423	1429	Production casing
							1433	1438 with 4 shots per foot	

HISTORY OF OIL OR GAS WELL

If it is of the greatest importance to have a complete history of the well, please state in detail the dates of commencement, progress of drilling, fishing jobs, depth to which hole was drilled with each size bit, and other important data. Use back of this form if more space is needed.

If the well has been dynamited, give date, size, position, and number of shots. If shot or chemically treated, give details.

If any casing was pulled, state how much and kind of material left in hole, and depth to which any was pulled.

If drilling contractor furnished any of the above information, state name of contractor.

If water was encountered, give depth, quality, and quantity.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	33'	7 sx. reg. 2% ca cl			
4-1/2"	1475.85'	40 sx. regular	pump truck	10.1	24 bbl.

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 surface feet to 1482 feet, and from feet to feet

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

DATES

, 19 Put to producing February 4, 1962

The production for the first 24 hours was 96 barrels of fluid of which 100% was oil; %

emulsion; % water; and % sediment. Gravity, °Bé. 37.6

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 300# (calculated)

EMPLOYEES

Carl Harmon, Driller Lewis Reaves, Driller

G. L. Yost, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	40	40	Sand, white to tan, fn to med grain, salt and pepper.
40	1325	1285	[illegible]
1325	1420	95	[illegible] gray to gry brn calc shales, [illegible] fossil fragment, white bentonite [illegible]
1420	1440	20	[illegible] sandstone. Core #1, 1420-1440. Recovered 20 feet. 1420-21, 1 foot, shale w/sandstone inclusions, [illegible] stain, glauconitic, very tight. [illegible] 3 feet, sandstone, white, fn to crs gr. poorly bedded, well cemented w/calcite, clay fill, thin shale laminae, oil saturated, tight to fair porosity.

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			1424-28, 2 feet, sandstone w/thin shale laminae, white, fn to med. gr. glauconitic, calcareous, oil saturated, slight oil bleeding.
			1428-31, 3 feet, sandstone, white, fn to med gr. glauconitic, sli calcareous, fair to good porosity, oil saturated, widely scattered shale inclusions.
			1431-32, 1 foot, shale, dark gray, sandy, w/light sandstone inclusions.
			1432-40, 8 feet, sandstone, white, fn to crs. gr. clean, friable, glauconitic, oil saturated, good porosity except for basal 2 feet, vertical fractures 1437.38, 4 inches Carlile shale at base of core.
1440	1482	42	Carlile, shale dk gry to blk, sil calcareous, v fn gr. as strings throughout, limestone stringers 1455-1460.
1482			Total Depth

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.

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