Form 9-330

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

U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-2015
LEASE OR PERMIT TO PROSPECT

RECEIVED
DEC 8 1961
OIL CON. COM.
DIST. 3

26

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company EXPLORATION DRILLING COMPANY Address 910 Petroleum Club Bldg., Denver 2, Colo.

Lessor or Tract Field Wildcat State New Mexico

Well No. 1 Sec. 26 T. 28N R. 15W Meridian NMPM County San Juan

Location 660 ft. N./S. of N Line and 660 ft. E./W. of W Line of Section 26 Elevation 5563 (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. Wells

Date November 29, 1961 Title EXPLORATION MANAGER

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

Commenced drilling October 31, 1961 Finished drilling November 9, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4513 to 4526 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
9-5/8	29.30	8		217	Halliburton				Surface pipe
4-1/2	9.50	8	J-55	4596	Halliburton				Production string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4-1/2"	4596	150 sx Ideal Regular	B-J Pump		

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
54 gr.	Torpedo jets		8	12-4-61	4524-4528	4 feet

TOOLS USED

Rotary tools were used from 217 feet to 4600 feet, and from feet to feet

Cable tools were used from Surface feet to 217 feet, and from feet to feet

DATES

, 19 Put to producing 12-4, 1961

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 2,660,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

George Benton, Driller Carl Winters, Driller

Arthur Miller, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	498	498	Kirtland-Fruitland, gray-green bentonitic shales grading to black carbonaceous shales, coal [illegible], [illegible] 225-250, water sand.
498	705	207	Pictured Cliffs, sandstone, fn to med. grain, salt and pepper, glauconitic bentonitic, [illegible] thin interbeds of gray bentonitic shale.
705	1358	653	Lewis, shale light to dark gray, silty to bentonitic, scattered thin interbedded dirty to silty sandstones and hard and tight siltstones.
1358	2042	684	Chacra, sandstone, fn to med. grain, salt and pepper, glauconitic becoming very fine grain [illegible], interbedded gry to dark gray bentonitic shales.

[OVER]

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2042	3124	1082	Cliff House - Menefee, sandstone, fn to med. grain, salt and pepper, water wet, seperated by gray to dark gray bentonitic shales, carbonaceous in part, coal at base.
3124	3365	241	Point Lookout sandstone, fine to medium grain, colored, [illegible]
3365	4248	883	Mancos, shale, dark gray to black, carbonaceous fossiliferous in part with interbeds of gray silt stone merging [illegible]
4248	4600	352	Gallup, siltstone, gray to dark gray with interbedded thin stringers of dark gray shale, [illegible]
			Core [illegible] recovered 42 feet. 23 feet siltstone with thin interbeds of very fine grain sandstone and shale, hard and tight, heavy vertical fractures top to bottom. 6 feet siltstone as above with vertical [illegible] fine grain sandstone, gray to to coarse grain, good porosity, glauconitic, good odor, stain and flourescence, scattered hairline vertical fracture. 1 feet sandstone as above but hard and tight.
			DST No. 1, Double packer set between 4509 and 4515 feet. Interval tested 4515-4530 feet. Tool open 1 hour, 10 minutes, shut in 30 minutes. Very strong gas blow to surface immediately, estimated flow 4,700,000 cubic feet gas per day. Recovered 10 feet light green oil in top of test tool. Initial flow: 965 lbs. Final flow: 1080 lbs. Initial shut-in: 1565 lbs. Final shut-in: 1545 lbs. Initial Hydrostatic: 2265 lbs. Final Hydrostatic: 2240 lbs.
			First test after swabb guaged 2,660,000 cubic feet per day, plus some distillate with load water. Testing to determine quantity of distillate or oil.

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 the 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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