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

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Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 021096
LEASE OR PERMIT TO PROSPECT

RECEIVED AUG 5 1960
O. C. C.
ARTESIA, NEW MEXICO

AUG 1 1960
U. S. GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Franklin, Aston & Fair, Inc. Address Box 769, Roswell, New Mexico
Lessor or Tract Yates B Field Undesignated State New Mexico
Well No. 1 Sec. 12 T. 18 S R. 30E Meridian N.M.P.M. County Eddy
Location 660 ft. {N.} of S Line and 660 ft. {E.} of E Line of Sec. 12-18S-30E Elevation 3547'
(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 R. R. Aston

Date June 29, 1960 Title Vice President

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

Commenced drilling April 14, 1960 Finished drilling June 26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3510' to 3590' No. 4, from to
No. 2, from 3635' to 3672' No. 5, from to
No. 3, from 3705' to 3750' No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 375' to 382' No. 3, from to
No. 2, from 545' to 553' 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
10-3/4"	32.75		smls	696'					
5½"	15.5		smls	3830'			3634'	3654'	sand frac

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	696'	200 sacks	Quick-set		
5½"	3830'	200 "	Regular-neat		

FOLD MARK

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
On July 5, 1960, gave well sand frac treatment - using 25,000 gal lease oil and 40,000# Ottawa Frac sand. Broke at 3,500# - average taking pressure 1,800# - injection rate 33.9 bbls per minute. Shut-in pressure 1,400#.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from Surface feet to T.D. feet, and from feet to feet

DATES

, 19 Put to producing July 6, 1960

The production for the first 24 hours was 240 barrels of fluid of which 100 % 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

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	50'	50'	gravel
50	685	635	red beds, sand & gravel
685	1558	873	salt
1558	1795	237	anhydrite with dolomite stringers
1795	1990	195	" " sand & dolomite stringers
1990	2090	100	dolomite & anhydrite - red sand stringers
2090	2475	385	dolo & anhy
2475	2854	379	dolo, anhy & sand
2854	2891	37	red & gray sand
2891	2946	55	dolo & anhy
2946	2993	47	gray sand, dolo and anhy
2993	3079	86	dolomite
3079	3117	38	red & gray sand
3117	3181	64	dolomite, sand & gypsum
3181	3385	204	red & gray sand with anhy with dolo stringers
3385	3504	119	dolomite
3504	3594	90	gray sand
3594	3625	31	dolomite
3625	3670	45	gray sand
3670	3699	29	dolomite
3699	3720	21	dolomite & sand
3720	3778	58	gray sand
3778	3797	19	dolomite
3797	3812	15	gray sand
3812	3860	48	dolomite - - Total Depth

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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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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