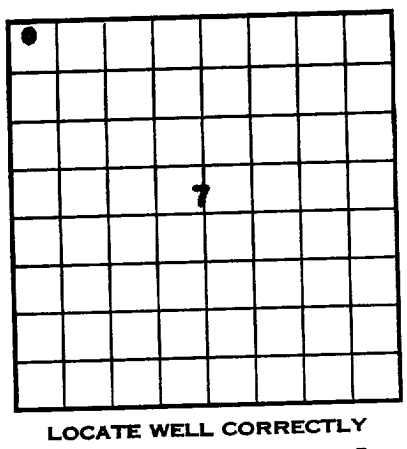
S. F. Copy mailed

Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office Las Cruces
Serial Number 066067
Lease or Permit to Prospect Keehane
30-015-04594



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Keehane, Inc. Address Box 522, Roswell, New Mexico
Lessor or Tract Keehane Field ____ State New Mexico
Well No. 1 Sec. 7 T. 19S R. 30E Meridian N.M.P.M. County Eddy
Location 330 ft. {N./S.} of N Line and 330 ft. {E./W.} of W Line of NW¼ Elevation 3385 (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. M. Keohane
Title President
Date March 6, 1951

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

Commenced drilling 10/25, 19 50 Finished drilling 1/19, 19 51

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2226 to 2231
No. 2, from 2443 to 2449
No. 3, from 3170 to 3180
No. 4, from 3908 to 3918
No. 5, from 3976 to 4022 TD
No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 225 to 230
No. 2, from 290 to 295
No. 3, from 1960 to 1970
No. 4, from 3180 to 3190
3709 3714
4016 4022

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8	28#	8.R.SERM	R.2.H.40	335	Texas				
7"	20#	8.R.SERM	R.3.J.55	3854	* Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	335	50 Sac.	Circulated		
7"	3854	22 Sac. & 22 aquagel			

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
40 qts	5"	Nitro	40 Qts		3908-18	
90 qts	3½	Nitro	90 qts		3976-4022 To Bottom 4022	

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 4022 feet, and from ____ feet to ____ feet

DATES

1/19, 19 51 Put to producing 1/19, 19 51

The production for the first 24 hours was 25 barrels of fluid of which 80 % was oil; no % emulsion; 20 % water; and no % 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

Roach & Shepard Contractors, Driller
Buffows, Driller
Spencer, Driller
Galloway, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3		sand
	10		caliche
	40		sand
	50		anhy
	55		sand
	230		anhy
	240		red rock
	245		sand
	290		red shale
	295		GRAVEL
	315		red shale
	335		anhy
	362		red shale
	1040		SALT
	1055		anhy
	1245		salt
	1500		anhy
	1535		anhy-red shale
	1575		red shale
	1605		anhy-red shale
	1620		anhy
	1660		anhy-red shale
	1670		red rock

TO	FORMATION
1845	anhy
1890	anhy-shale
1910	anhy-lime
1920	sandy shale
1940	anhy
1952	pink lime
1965	grey lime
1970	sand
1993	shale
2173	lime
red sand	2200
2211	lime
2225	red sand
2248	lime
2269	sandy lime
2344	lime
2347	red sand
2403	grey lime
2407	brown lime
2433	grey sand
2443	sandy shale
2457	sand
2475	sandy lime

FROM— TO— TOTAL FEET FORMATION

(OVER)

16—42094-2

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
	2517		lime
	2523		sandy shale
	2582		lime
	2589		sandy lime
	2606		lime
	2626		sandy shale
	2638		lime
	2655		lime-shale
	2727		lime
	2750		sandy lime
	2759		gray lime
	2768		sand
	2812		lime
	2820		sand
	2827		sandy lime
	3170		lime
	3195		sand
	3278		lime
	3310		sandy lime
	3551		lime
	3568		sandy lime
	3588		sand
	3603		sandy lime
	3628		sand
	3662		sandy lime
	3683		brown lime
	3700		sandy lime
	3727		sand
	3743		lime
	3758		sand
	3782		BLACK LIME
	3828		sand & shale
	3887		black lime
	3940		sand
	3953		black lime
	4013		sand

H. ONCOL SLM 4022

HISTORY OF OIL OR GAS WELL

16—43084-1 U. S. GOVERNMENT PRINTING OFFICE

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.

Water 225-30 2½ bailers per hr.
" 290-95 7½ bailers per hr.
" 1963-70 10 gal. per hr.
" 3180-90 2 gal. per hr.

T.D. 3200-Total. Now 28 gal per hr.
Water 3700-14. 1 Bail per hr.
Water Total. Now 2 bailers per hr.

OIL & GAS
Oil - 2224-31 - 10 gal per hr.
Gas - 2221-25 - Good show
Oil - 2443-48 - Good show
Oil & Gas 3050 - slight show
Oil - 3170-80 - 1 gal per hr.
T.D. 3200 Total 10 gallons per hr.
Oil 3908-14 - Good show
Increase oil - 3970-80
Increase oil - 4001-05

SHOT RECORD

40 qts. - 3908-3918
no increase in oil

90 qts. - 3976-4022
15 ft. gravel
20 ft. Cal-Seal
and loaded hole with oil