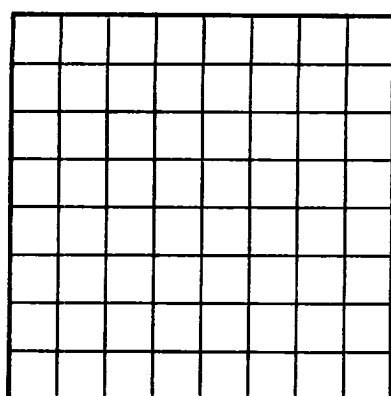


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 051102 B
LEASE OR PERMIT TO PROSPECT Ballard

LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
MAR 10 1977 GEOLOGICAL SURVEYO. C. O.
OFFICE

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
RECEIVED
JAN 20 1940

Roswell, New Mexico

Company Franklin Petroleum Corporation Address Box # 218, Smith, New Mexico
Lessor or Tract Ballard Field Logo Hills State New Mexico
Well No. 2-B Sec. 1 T. 18S R. 29E Meridian NMPM County Eddy
Location 2310 ft. of Northline and 2310 ft. of East Line of Sec. 1-18S-29E Elevation 3536 ft.
(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 Chas. C. AllenDate January 22, 1940Title Superintendent

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

Commenced drilling November 6, 1939 Finished drilling December 24, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2700' to 2771' 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—	
8 1/2"	22 1/2	10	Lampold	525					
7 7/8"	20 1/2	10							
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	525	50	Balliburton		
7 7/8"	2846	100	"		5 tons

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
5"	1- Type "F" Duplex Electric Bomb and one ZENO hour umbrella bridge. Shot #7		100	12/20	2744'-2769'	2769'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing January 1, 1940The production for the first 24 hours was 700 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

_____, Driller _____, Driller
W. J. Cluney, Driller Wm. Barnett, Driller
S. L. Simms, Driller J. C. Campbell, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Sand
20	40	40	Red mud
40	50	50	Caliche
50	100	100	Red bed & sand
100	85	85	Anhydrite
85	45	45	Red shale
45	60	60	Red bed & anhydrite
60	15	15	Red bed
15	65	65	Salt
65	30	30	& anhydrite
30	15	15	Anhydrite
15	85	85	Salt
85	45	45	& anhydrite
45	195	195	& anhydrite
195	90	90	& anhydrite
90	85	85	Anhydrite
85	175	175	& red rock
175	65	65	& red rock
65	25	25	& red rock
25	45	45	& red rock
45	25	25	& red rock
25	235	235	& red rock
235	55	55	& brown lime
55	30	30	
30	1750	1750	Lime

(OVER)

FORMATION RECORD—Continued

RECEIVED
GEOLOGICAL SURVEY
FOR
JAN 24 1960
Roswell, New Mexico

LOG OF OIL OR GAS
MINERAL OFFICE
D.C.D.
MAR 10 1937
GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
RECEIVED
UNITED STATES

LOCATE WELL CORRECTLY

The information given hereafter is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Location of the [W] of [E] of [S] of [T] 1st R. 10th E. 10th N. Sec. 17 T. 10N. R. 10E. Meridian WASH. County State

Lessor or Tract Holder Field No. State

(Company) Address

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

Date of summary: 10/11/1911
 Title: No. 1011

OIL OR GAS SANDS OR ZONES

(F) $\forall \delta > 0 \exists \epsilon > 0$

No. 1 from	to	No. 1 from	to
No. 2 from	to	No. 2 from	to
No. 3 from	to	No. 3 from	to

IMPORTANT WATER SANDS

to from No. 8
to from No. 4

CASINO RECORD

Size Length per foot	Weight Threads per inch	Stake	Amount	Kind of shoe	Cut and pulled from	Perforated from	Purpose
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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 "added," 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 drilling.

HISTORY OF OIL OR GAS WELL

MUDPIPING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	60'		Wet pack		
"	70'	100	"		

PLUGS AND ADAPTERS

Material	Size	Length	Depth set
Aluminum	1/8"	6"	1/2"
Steel	1/4"	12"	1/4"
Copper	1/2"	18"	1/8"
Brass	3/4"	24"	1/16"
Inconel	1"	30"	1/32"
Titanium	1 1/4"	36"	1/64"
Nickel	1 1/2"	42"	1/128"
Zirconium	1 3/4"	48"	1/256"
Hafnium	2"	54"	1/512"
Monel	2 1/4"	60"	1/1024"
Stainless Steel	2 1/2"	66"	1/2048"
Carbon Steel	2 3/4"	72"	1/4096"
Mild Steel	3"	78"	1/8192"
Low Carbon Steel	3 1/4"	84"	1/16384"
High Carbon Steel	3 1/2"	90"	1/32768"
Tool Steel	3 3/4"	96"	1/65536"
Spring Steel	4"	102"	1/131072"
Cast Iron	4 1/4"	108"	1/262144"
Ductile Iron	4 1/2"	114"	1/524288"
Gray Iron	4 3/4"	120"	1/1048576"
White Iron	5"	126"	1/2097152"
Ball Bearing Steel	5 1/4"	132"	1/4194304"
Chrome Steel	5 1/2"	138"	1/8388608"
Silicon Steel	5 3/4"	144"	1/16777216"
Transformer Steel	6"	150"	1/33554432"
Electrical Steel	6 1/4"	156"	1/67108864"
Soft Magnetic Alloy	6 1/2"	162"	1/134217728"
Hard Magnetic Alloy	6 3/4"	168"	1/268435456"
Permanent Magnet Material	7"	174"	1/536870912"
Superconducting Material	7 1/4"	180"	1/1073741824"
Thermal Insulation Material	7 1/2"	186"	1/2147483648"
Heat Resistant Material	7 3/4"	192"	1/4294967296"
Corrosion Resistant Material	8"	198"	1/8589934592"
Wear Resistant Material	8 1/4"	204"	1/17179869184"
Impact Resistant Material	8 1/2"	210"	1/34359738368"
Shock Resistant Material	8 3/4"	216"	1/68719476736"
Vibration Dampening Material	9"	222"	1/137438953472"
Acoustic Absorption Material	9 1/4"	228"	1/274877906944"
Soundproofing Material	9 1/2"	234"	1/549755813888"
Radio Frequency Shielding Material	9 3/4"	240"	1/1099511627776"
Electromagnetic Interference (EMI) Shielding Material	10"	246"	1/2199023255552"
Static Discharge Protection Material	10 1/4"	252"	1/4398046511104"
Flame Retardant Material	10 1/2"	258"	1/8796093022208"
Fireproof Material	10 3/4"	264"	1/17592186044416"
Bomb Proof Material	11"	270"	1/35184372088832"
Explosion Resistant Material	11 1/4"	276"	1/70368744177664"
Chemical Resistant Material	11 1/2"	282"	1/140737488355328"
Toxic Gas Detection Material	11 3/4"	288"	1/281474976710656"
Radiation Shielding Material	12"	294"	1/562949953421312"
Nuclear Reactor Component Material	12 1/4"	300"	1/1125899906842624"
Spacecraft Structural Material	12 1/2"	306"	1/2251799813685248"
Aerospace Landing Gear Material	12 3/4"	312"	1/4503599627370496"
Automotive Engine Block Material	13"	318"	1/9007199254740992"
Truck Chassis Frame Material	13 1/4"	324"	1/18014398509481984"
Ship Hull Plating Material	13 1/2"	330"	1/36028797018963968"
Offshore Oil Rig Platform Material	13 3/4"	336"	1/72057594037927936"
Deep Sea Submersible Material	14"	342"	1/144115188075855872"
Polar Expedition Support Material	14 1/4"	348"	1/288230376151711744"
Arctic Research Station Material	14 1/2"	354"	1/576460752303423488"
Antarctic Base Construction Material	14 3/4"	360"	1/1152921504606846976"
Lunar Module Descent Stage Material	15"	366"	1/2305843009213693952"
Mars Rover Lander Material	15 1/4"	372"	1/4611686018427387904"
Jupiter Orbiter Material	15 1/2"	378"	1/9223372036854775808"
Satellite Antenna Material	15 3/4"	384"	1/18446744073709551616"
Space Shuttle External Tank Material	16"	390"	1/36893488147419103232"
International Space Station Truss Material	16 1/4"	396"	1/73786976294838206464"
Orion Service Module Material	16 1/2"	402"	1/147573952589676412928"
Artemis Lunar Lander Ascent Stage Material	16 3/4"	408"	1/295147905179352825856"
Commercial Space Station Habitat Module Material	17"	414"	1/590295810358705651712"
Next-Generation Deep Space Explorer Material	17 1/4"	420"	1/1180591620717411303424"
Interplanetary Transport Vehicle Material	17 1/2"	426"	1/2361183241434822606848"
Advanced Rocket Motor Nozzle Material	17 3/4"	432"	1/4722366482869645213696"
Reusable Launch Vehicle Booster Material	18"	438"	1/9444732965739290427392"
Heavy Lift Rocket Core Stage Material	18 1/4"	444"	1/18889465931478580854784"
Space Elevator Climber Material	18 1/2"	450"	1/37778931862957161709568"
Orbital Transfer Vehicle Material	18 3/4"	456"	1/75557863725914323419136"
Deep Space Propulsion System Material	19"	462"	1/151115727451828646838272"
Advanced Nuclear Thermal Rocket Material	19 1/4"	468"	1/302231454903657293676544"
Fusion Reactor Blanket			

SHOOTING RECORD

Size	Steel used	Exposure used	Quantity	Date	Depth shot	Depth obtained out
12"	100 lbs. of steel	100 lbs. of exposure	100 lbs. of steel	100 lbs. of exposure	100 lbs. of steel	100 lbs. of exposure

GREEN SHOOT

feet to feet	feet and from	feet to	feet from
feet to feet	feet and from	feet to	feet from

DATE

It was well, on ft. per 24 hours	Galions gasoline per 1,000 cu. ft. of gas
consideration of water; and of sediment	Gravity, °Pé.
The production for the first 24 hours was	parts of fluid of which 100 of was oil
Put to producing	

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
2771	2771	2771	2771
2770	2770	2770	2770
2769	2769	2769	2769
2768	2768	2768	2768
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