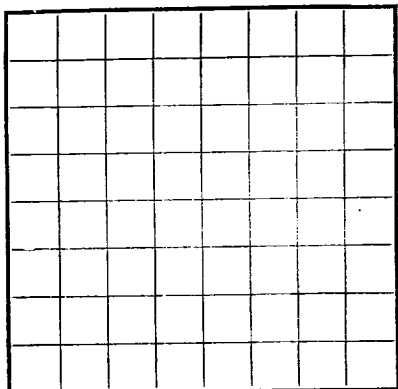


U. S. LAND OFFICE SANTA FE
SERIAL NUMBER SF-079161
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company CANDADO PRODUCTION CO. Address 1400 LUHRB TOWER
PHOENIX, ARIZONA
Lessor or Tract CANDADO Field S. BLANCO State NEW MEXICO
Well No. 6 Sec. 10 T. 26N R. 7W Meridian N.M.P.M. County RIO ARriba
Location 2100 ft. N. of S. Line and 1750 ft. E. of E. Line of SEC. 10 Elevation 6114
(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 F. C. Barnes

Date NOVEMBER 12, 1953 Title GEOLOGIST

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

Commenced drilling 10/16/53, 1953 Finished drilling 10/30/, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2232 to 2312 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 threaded from	Perforated		Purpose
							From—	To—	
<u>10 1/2</u>	<u>32.7#</u>	<u>8</u>	<u>NATL.</u>	<u>398</u>	<u>WAKER</u>				<u>SURFACE</u>
<u>7 7/8</u>	<u>23 1/2</u>	<u>8</u>	<u>NATL.</u>	<u>2235</u>	<u>RAMMER</u>				<u>PRODUCTION</u>
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
<u>10 1/2</u>	<u>398</u>	<u>300</u>	<u>HALLIBURTON</u>		
<u>7 7/8</u>	<u>2235</u>	<u>225</u>	<u>HALLIBURTON</u>		

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
<u>5"</u>	<u>TIN</u>	<u>OTRO-GEL</u>	<u>292 qts</u>	<u>10/31/53</u>	<u>2315</u>	<u>2315</u>

TOOLS USED

Rotary tools were used from 0 feet to 2315 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11/3/53, 1953 Put to producing _____, 1953

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 1048 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 885 psi

EMPLOYEES

FRANK THOMPSON, Driller FRANK POOL, Driller
JOE MCINNIEL, Driller _____, Driller

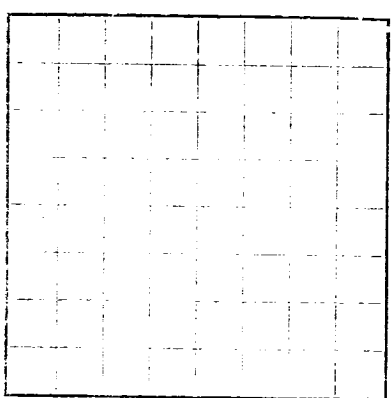
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>350</u>	<u>350</u>	<u>LOOSE UNCONSOLIDATED SAND.</u>
<u>350</u>	<u>1695</u>	<u>1345</u>	<u>GREY AND BROWN SS INTERBEDDED WITH GREY AND REDDISH BROWN SHALE.</u>
<u>1695</u>	<u>2208</u>	<u>513</u>	<u>DARK GREY SHALE</u>
<u>2208</u>	<u>2232</u>	<u>24'</u>	<u>DARK GREY SHALE AND COAL</u>
<u>2232</u>	<u>2312</u>	<u>80</u>	<u>LT. GREY, BLACK SPECKED PICTURED CLIFFS SS.</u>
<u>2312</u>	<u>2315</u>	<u>3'</u>	<u>DARK GREY SHALE</u>
<u>ELECTRIC LOG TOPS</u>			
			<u>KIRTLAND-FRUITLAND SH 1695</u>
			<u>PICTURED CLIFFS SS 2232</u>
			<u>LEWIS SHALE 2312</u>

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LAND OFFICE
STATE OF ALABAMA
Permit to Prospect



Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing size, in.	Weight, lbs. per foot	Threading, per inch	Make	Amount	Kind of shoe	Cut and pulled from	Porter, from - To	Purpose
1 1/2	25	1 1/2	AMERICAN	100	JOHN			

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 (struck 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.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing size, in.	Weight, lbs. per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2	25	100	Hand		
2	35	100	Hand		

PLUGS AND ADAPTERS

Plugs—7/8 inch
Depth set _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2 1/2	1 1/2	100	100	1903	200	

TOOLS USED

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____
emulsion; _____% water; and _____% sediment.
If gas well, cut ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Loose sand, yellow, fine, silty, with some shells.
100	150	150	Loose sand, yellow, fine, silty, with some shells.
150	200	200	Loose sand, yellow, fine, silty, with some shells.
200	250	250	Loose sand, yellow, fine, silty, with some shells.
250	300	300	Loose sand, yellow, fine, silty, with some shells.
300	350	350	Loose sand, yellow, fine, silty, with some shells.
350	400	400	Loose sand, yellow, fine, silty, with some shells.
400	450	450	Loose sand, yellow, fine, silty, with some shells.
450	500	500	Loose sand, yellow, fine, silty, with some shells.
500	550	550	Loose sand, yellow, fine, silty, with some shells.
550	600	600	Loose sand, yellow, fine, silty, with some shells.
600	650	650	Loose sand, yellow, fine, silty, with some shells.
650	700	700	Loose sand, yellow, fine, silty, with some shells.
700	750	750	Loose sand, yellow, fine, silty, with some shells.
750	800	800	Loose sand, yellow, fine, silty, with some shells.
800	850	850	Loose sand, yellow, fine, silty, with some shells.
850	900	900	Loose sand, yellow, fine, silty, with some shells.
900	950	950	Loose sand, yellow, fine, silty, with some shells.
950	1000	1000	Loose sand, yellow, fine, silty, with some shells.