Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079161
LEASE OR PERMIT TO PROSPECT NE/4

Sec. 3 is Designated Drilling Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 23 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company CANDADO PRODUCTION COMPANY Address 1400 LUHRS TOWER, PHOENIX, ARIZONA
Lessor or Tract CANDADO Field SOUTH BLANCO PC State NEW MEXICO
Well No. 11 Sec. 3 T. 26N R. 7W Meridian N.M.P.M. County RIO ARRIBA
Location 900 ft. {N./S.} of N Line and 900 ft. {E./W.} of E Line of SECTION 3 Elevation 6590 (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 [signature]

Date January 19, 1956 Title President

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

Commenced drilling December 23, 1955 Finished drilling December 30, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2829' to 2918' (G) No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

APPROVED
FEB 17 1956
OIL CON. COM.
DIST. 3

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
9-7/8	36	8	J-55	106	Guide Shoe				Surface
5-1/2	15.5	8	J-55	2833	Guide Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-7/8	106	70	Halliburton		
5-1/2	2833	100	Halliburton		

MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material None Length ____ Depth set ____
Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand Fractured						

TOOLS USED

Rotary tools were used from Surface feet to 2833 feet, and from ____ feet to ____ feet
Cable tools were used from 2833 feet to 2923 feet, and from ____ feet to ____ feet

DATES

Ran Tubing December 30, 1955 Put to producing Awaiting pipe line 19____

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 2501 MCF Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 762

EMPLOYEES

SMITH DRILLING CO., Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2829	2829	Sand and Shales
2829	2918	89	Pictured Cliffs Sand

16—43094-3

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Sand-water fractured with 30,000# of sand and 21,000 gallons of water.

Well made 70 MCF natural. Initial Potential after sand-frac 2501 MCF.

11-29-55 Location surveyed 900' FNL 900' FEL, Sec. 3, Twp. 26 N., Rge. 7 W., Rio Arriba County, New Mexico

12-23-55 Moved in rotary. Spudded.

12-23-55 TD 107' RKB in 12 1/4" hole. Set 96.7' of ~~8x5/8"~~ 9-7/8" OD 36# J-55 casing at 106 with 70 sacks cement.

12-26-55 TD 2833' in 7 7/8" hole. Set71 joints 2833' of 5-1/2" OD 15.5 # J-55 casing at 2833' with 100 sacks neat cement.

12-26-55 Moved in cable tools.

12-29-55 Drilled to TD 2918'. Sand-water fractured from 2833' to 2918' with 21,000 gals. water and 30,000# sand and 100 sacks salt. Breakdown pressure 1550#, maximum treating pressure 725#, minimum 725#, injection rate 231 barrels per minute.

12-30-55 Cleaned out to TD 2918'. Ran 2914' 1" EUE tubing plus 18' perforated anchor landed at 2914'. Shut in for potential test.