

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Dallas, Texas

October 8, 1957

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Southern Union Gas Company

Navajo Indian

Well No. 1-C, in NW $\frac{1}{4}$ NW $\frac{1}{4}$,

(Company or Operator)

(Lease)

D 31 27N 8W NMPM, So. Blanco Pictured Cliffs Pool

Unit Letter

San Juan

County. Date Spudded 8-15-57

Date Drilling Completed 8-21-57

Please indicate location:

Elevation _____ Total Depth 2102 PBTD 2035

Top Oil/Gas Pay 1951 Name of Prod. Form. Pictured Cliffs

PRODUCING INTERVAL -

Perforations 1951-2030

Open Hole _____ Depth _____ Casing Shoe _____ Depth _____ Tubing 2024

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

GAS WELL TEST -

Too small to

Natural Prod. Test: insufficient MCF/Day; Hours flowed _____ Choke Size _____

Tubing, Casing and Cementing Record

Size Feet SAG

9-5/8	36.15	80
5-1/2	2112	100
1"	2024	

Method of Testing (pitot, back pressure, etc.): _____

Test After Acid or Fracture Treatment: 4432 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: Multi Point Back Pressure Test

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and

sand): 102,652 gals. water & 90,000# sand

Casing _____ Tubing _____ Date first new _____
Press. 698 Press. 698 oil run to tanks _____

Oil Transporter _____

Gas Transporter Southern Union Gas Company

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge

Approved Oct 10 1957, 19____

OIL CONSERVATION COMMISSION

Original Signed By

By: A. R. KENDRICK

Title PETROLEUM ENGINEER DIST NO 3

SOUTHERN UNION GAS COMPANY

Original Signed (Company or Operator)

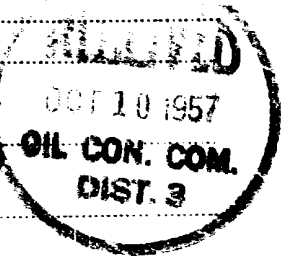
By: L. S. MUENNINK
L. S. Muennink (Signature)

Title Exploration Engineer

Send Communications regarding well to:

Name A. M. Wiederkehr

Address 1001 Burt Bldg., Dallas, Texas



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. 10,000,000 4

Date of receipt of order

Date of receipt of goods

Date of receipt of invoice

Date of receipt of bill of lading

Date of receipt of certificate of origin

Date of receipt of certificate of inspection

Date of receipt of certificate of analysis

Date of receipt of certificate of quality

Date of receipt of certificate of quantity

Date of receipt of certificate of weight

Date of receipt of certificate of volume

Date of receipt of certificate of temperature

Date of receipt of certificate of humidity

Date of receipt of certificate of pressure

Date of receipt of certificate of light

Date of receipt of certificate of sound

Date of receipt of certificate of smell

Date of receipt of certificate of taste

Date of receipt of certificate of touch

Date of receipt of certificate of sight

Date of receipt of certificate of hearing

Date of receipt of certificate of feeling

Date of receipt of certificate of thinking

Date of receipt of certificate of knowing

Date of receipt of certificate of being

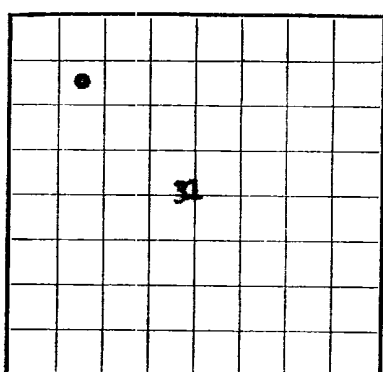
Transfer order

File

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✓

U. S. LAND OFFICE **Navajo Tribe of Indians**
SERIAL NUMBER **L-149-Ind-8469**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
 Lessor or Tract Navajo Indian Field So. Blanco F.C. State New Mexico
 Well No. 1-C Sec. 31 T. 27N R. 8W Meridian T.M.P.M. County San Juan
 Location 1046 ft. S. of N. Line and 1072 ft. E. of W. Line of Section 31 Elevation _____

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 L. S. Muenink
L. S. Muenink
Title Exploration Engineer

Date October 8, 1957

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

Commenced drilling ----- 8-15-, 1957 Finished drilling ----- 8-21-, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1951 to 2030 (G) 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	87.6% CL	80	Balliburton		
5-1/2	2162 KB	100	Balliburton		
1-1/2	2162				

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
Perf. 1951-2030, fuses with 102,652 gals. water, 90,000# sand & 255 rubber balls.						

TOOLS USED

Rotary tools were used from 0 feet to 2102 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

----- 8-11-19 57 Put to producing -----, 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 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. --- 698 1/2 ---

EMPLOYEES

Hanson-Plattin-Creer Drilling	Driller	J. H. Creamer	Driller
	Corp.		
	Driller	H. B. Barker	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	1293	1293	Sand & shale
1293	1534	241	Sand & shale - Alamo sand
1534	1841	307	Sand & shale
1841	2050	209	Sand, shale & coal
2050	2102 TD	52	Sand & shale
PBTD 2035			
TOPS: Picture Cliffs 1944			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of white graph paper featuring a uniform grid of thin black horizontal and vertical lines intersecting at right angles. The grid covers most of the page, leaving margins around the edges. There are no markings, numbers, or text on the paper.

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, 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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. SHOOTING RECORD 2. RECORDS AND ADAPTERS 3. TOOLS USED 4. INSTRUMENTS 5. FORMS AND RECORDS 6. FORMATION

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