



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Southern Natural Gas Company State "B"
(Company or Operator) (Lease)
Well No. 1, in SE 1/4 of SW 1/4, of Sec. 7, T. 11S, R. 34E, NMPM.
Bough "C" of Inbe Penn Pool, Lea County.
Well is 515 feet from South line and 1,833 feet from West line
of Section 7. If State Land the Oil and Gas Lease No. is OG-588
Drilling Commenced January 29, 1965. Drilling was Completed March 8, 1963
Name of Drilling Contractor Sharp Drilling Company
Address P. O. Box 1271, Midland, Texas
Elevation above sea level at Top of Tubing Head. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 9,784 to 9,792 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	48	New	370	Hall1.	-0-	--	Surface
9-5/8	36 & 40	New	3,993	Hall1.	-0-	--	Intermediate
5-1/2	15.5&17	New	9,864	Hall1.	-0-	9,784-9,792	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17	13-3/8	370	350	Pump & Plug	9.5	Dspl. plug with mud
12-1/4	9-5/8	4,007	300	Pump & Plug	Water	Dspl. plug with water
8-3/4	5-1/2	9,862	300	Pump & Plug	9.8	Dspl. plug with mud

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 9,784' to 9,792' E.L. with 4 jets per foot. Acidized with 1,000 M.C.A.
On April 3, acidized by Western Company. Used 194 barrels of "Dolo-Frac" acid.

Result of Production Stimulation.
Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to Total Depth feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing To Tanks March 23 63, 19
OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 90 Bbl. was oil; -0- % was emulsion; 144 Bbl. % water; and -0- % was sediment. A.P.I. Gravity
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 1,954' (+2,57.8')	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 2,647' (+1,564.8')	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres 3,916' (+295.8')	T. Granite	T. Dakota	
T. Glorieta 5,373' (-1,161.2')	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs 6,816' (-2,604.2')	T.		
T. Abo 7,635' (-3,423.2')	T.		
T. Wolfcamp 8,888' (-4,676.2')	T.		
T. Miss	T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1,954		Red Beds, Sand & Shale				
1,954	2,647		Anhy. & Salt				
2,647	3,916		Sand, Shale and Anhy.				
3,916	5,373		Limestone & Dolomite				
5,373	6,140		Shale & Sand Stringers				
6,140	6,816		Dolomite				
6,816	6,960		Shale and Sand Stringers				
6,960	7,635		Dolomite				
7,635	8,200		Shale				
8,200	8,980		Shale and Dolomite				
8,980	9,280		Limestone and Cherty Dolomite				
9,280	9,870		Limestone and Shale				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

April 8, 1963 (Date)
Company or Operator Southern Natural Gas Company Address P. O. Box 1513, Houston 1, Texas
Name R. H. Adolph Position or Title Petroleum Engineer

DST # 1

Wildcat ⁰⁵

Date: March 6, 1963

Developmental

Well: State "B", Well #1

County or Parish Lea

Total Depth: 9,819'

State New Mexico

Open Hole Test: X

Field: Inbe-Penn

Type tool: Johnston Bobtail

Casing test

Packer seat 9,790'

Perforations from _____ to _____

Number shots _____

Kind shots _____

Bottom Choke 5/8"

Surface Choke Adjustable; then 1/2"; then 1"

Cushion:

Amount None

Kind _____

Size Drill pipe 4-1/2" Tubing _____

Time	Pressure	Remarks
		Tool Opened
<u>11:26 A.M.</u>	<u>Open 4 minutes then shut-in 45 for ISIP</u>	
<u>12:15</u>		
<u>12:22</u>		<u>Gas to surface on 1/2" choke</u>
<u>1:30</u>	<u>30#</u>	<u>Flowing gas on 1/2" choke</u>
<u>1:31</u>	<u>30#</u>	<u>Put on 1" surface choke</u>
<u>1:41</u>	<u>0</u>	<u>On 1" surface choke</u>
<u>3:15</u>	<u>Closed for 1-1/2 hour</u>	<u>Final shut-in pressure</u>
		<u>(no oil flowed to surface)</u>

Recovery 690' pipeline oil 60' muddy rat hole 180' salt water

Salt content _____ ppm Cl 46,000 ppm NaCl

Oil Gravity _____ °API

Initial Hydrostatic Pressure 5,259 psi.

Initial Shut-in BHP 3,441

Initial Bottom Hole Pressure Flowing 60

Final Bottom Hole Pressure Flowing 276

Final Bottom Hole Shut In Pressure 3,333

Final Hydrostatic Pressure 5,246

Remarks:

(signed)