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PRODUCTION OFFICE	
OPERATOR	

Obtained 7/7/61  
Form C-1

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


AREA 640 ACRES  
LOCATE WELL CORRECTLY

Compass Exploration, Inc.  
(Company or Operator)

Livingston  
(Lease)

Well No. 1-5, in NW 1/4 of SW 1/4, of Sec. 5, T. 17N, R. 37E, NMPM.  
Wildcat Pool, Lea County.

Well is 2310 feet from South line and 530 feet from West line  
of Section 5. If State Land the Oil and Gas Lease No. is

Drilling Commenced 12/2/61, 19. Drilling was Completed 12/11, 19. 61.

Name of Drilling Contractor Tom Brown

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3798 G.L. The information given is to be kept confidential until  
, 19.

OIL SANDS OR ZONES

No. 1, from None to 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 None 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
8-5/8"	24#	NEW	342	Tex Patt	--	--	Surface

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4	8-5/8	342	175	Displacement		

RECORD OF PRODUCTION AND STIMULATION

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

None

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 4052 feet to 4061 (TD) feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19.  
OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % 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..... <b>1963</b>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt..... <b>2063</b>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <b>2995</b>	T. Montoya.....	T. Farmington.....	
T. Yates..... <b>3158</b>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers..... <b>3200</b>	T. McKee.....	T. Menefee.....	
T. Queen..... <b>3790</b>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs.....	T. ....	T. ....	
T. Abo.....	T. ....	T. ....	
T. Penn.....	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1963	2063	100'	Anhydrite				
2063	2995	932'	Salt				
3158	3200	42'	Yates				
3200	3790	590'	7 Rivers				
3790	4061 (TD)	271	Queen				

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.

January 9, 1963  
Company or Operator COMPASS EXPLORATION, INC. Address 101 University Boulevard  
Name P. J. Farrelly Position or Title Chief Geologist  
Denver 6, Colorado

COMPASS EXPLORATION, INC.

Well: #1-5

Location: NW SW Sec. 5-17S-37E  
Lea County, New Mexico

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12/9/61

Core #1

Cored 3780-3824. Full recovery 44'. Core was primarily Anhydrite with small amount of red sand. No show.

12/10/61

Core #2:

4010-4061. Recovered 50'. Show of oil 4016-4027, 4035-4038 and 4039-4041. Analysis indicates 7' of permeability from 4019-4026 -- permeability from 2-15 Millidarcies, 2-5% oil saturation. Analysis indicates gas.

12/11/61

DST #1

4015-4061. Shut in 30 minutes. Open one hour. Final shut-in 30 minutes. Test open with good blow. Decreased to weak at end of test. Recovered 60' of mud.

Initial hydrostatic	2350#
Final hydrostatic	2310#
Initial shut-in	200#
Final shut-in	120#
Initial flow	70#
Final flow	70#
Bottom hole temperature	105°

Logged hole with Gamma Ray-Neutron. Tops as follows:

Top Anhydrite	1963'
Top of Salt	2063'
Cowden Anhydrite	2794'
Base of Salt	2995'
Top of Yates	3138'
Base of Yates	3200'
Top of Queen	3790'

**ILLEGIBLE**