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Revised 7/1/59  
Form C-101

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD


24  
N

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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

**Compass Exploration, Inc.** State  
(Company or Operator) (Lease)

Well No. **2-16** in **SW**  $\frac{1}{4}$  of **SW**  $\frac{1}{4}$  of Sec. **16** T. **27** R. **7N**, NMPM.  
**Acrite-Gallup** **Rio Arriba** Pool, County.

Well is **1850** feet from **South** line and **600** feet from **West** line  
**16** **E-0033** of Section. If State Land the Oil and Gas Lease No. is.

Drilling Commenced **9/27**, 19**60** Drilling was Completed **10/13**, 19**60**

Name of Drilling Contractor **Harco Drilling Company**

Address **Denver, Colorado**

Elevation above sea level at Top of Tubing Head **7079** The information given is to be kept confidential until  
19.

OIL SANDS OR ZONES

No. 1, from **5005** to **5032** 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 SEAM	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8"	22.3	NEW	500'	TOOTH PIT			Surface
4 1/2"	9.39 & 11.07	NEW	6120'	LARKIN		5005-5032	Production
2 3/8"	4.77	NEW	2000'	-			

MUDDING AND CEMENTING RECORD						
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	9 5/8"	500'	150 BK	displacement		
7 7/8"	4 1/2"	6120'	255 BK	displacement		

RECORD OF PRODUCTION AND STIMULATION

10/29/60 Perf. zone **5005 - 5032**. Frased well **18,000 20-40 sd.** and **18,000 gal** lease crude. Screened out. Avg. rate **22.6 BPM @ 3000 psi.**  
1/14/61 Abramsjet **5016** and **5030**. Spotted **500** gals break down acid. Frac with **20,000 gal** lnc crude & **20,000 sd.** Avg rate **24 BPM @ 3000 psi.**

Result of Production Stimulation

Depth Cleaned Out

MAR 23 1961  
OIL CON. COM.  
DIST. 5000 PSI

# 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 6150 TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing 3/8, 19 61

OIL WELL: The production during the first 24 hours was 20 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 39.0

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.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs..... <u>2400'</u>
T. 7 Rivers.....	T. McKee.....	T. Menefee..... <u>2418</u>
T. Queen.....	T. Ellenburger.....	T. Point Lookout..... <u>4038</u>
T. Grayburg.....	T. Gr. Wash.....	T. Mancos..... <u>4000</u>
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
0	2400	2400	Undifferentiated				
2400	2400	68'	Pictured Cliffs				
2400	3184	716	Lewis				
3184	3440	254	Cliff House				
3440	4038	1297	Menefee				
4038	4000	38	Point Lookout				
4000	5000	712	Mancos				
5000	6150	350	Gallup				

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 all work done on it so far as can be determined from available records.

Compass Exploration, Inc.

101 University Blvd, Rm. 400  
Denver 6, Colorado

Company or Operator

Address

Chief Geologist

Name

Position or Title

(Date)