



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 QUINTUPPLICATE.

Austral Oil Exploration Company Incorporated State **"B"**
(Company or Operator) (Lease)

Well No. **4**, in **Lot 10** $\frac{1}{4}$ of **1** $\frac{1}{4}$ of Sec. **1**, T. **16S**, R. **35E**, NMPM.
Townsend Wolfcamp Pool, **Lee** County.

Well is **4610** feet from **South** line and **2300.6** feet from **East** line of Section **1**. If State Land the Oil and Gas Lease No. is **E-9116**

Drilling Commenced **April 3,** 19 **57** Drilling was Completed **June 4,** 19 **57**

Name of Drilling Contractor **Cactus Drilling Corporation of Texas**

Address **Box 348, San Angelo, Texas**

Elevation above sea level at Top of Tubing Head **3975.7** The information given is to be kept confidential until _____, 19 ____

OIL SANDS OR ZONES

No. 1, from **10,516** to **10,630'** 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 **Not Logged** 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	343.49	Larkin			
8 5/8"	36#	New	4703.27	Larkin			
5 1/2"	17#	New	6175.12	Larkin		10,560-80'; 10,591-601; Production 10,614-88'	

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 1/2"	13 3/8"	365.00	275	Pump	1.03	57
11"	8 5/8"	4700.00	2050	Pump	1.27	287
7 3/4"	5 1/2"	10703.00	200	Pump	1.09	425

RECORD OF PRODUCTION AND STIMULATION

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

Perforated from 10,560-80'; 10,591-601'; and 10,614-88' with 4 Dyna-Jets per foot. Acidized w/5000 gallons Type "J" Non-Emulsion acid. Swabbed well for production.

Result of Production Stimulation **Well started flowing to tanks at a rate of 196 bbls of oil per day on 24/64" choke**

Depth Cleaned Out _____

BOARD 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 10,703 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing June 4, 1957

OIL WELL: The production during the first 24 hours was 196 barrels of liquid of which 100 % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity 39.9

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 <u>2953 (-1057)</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen <u>4063 (-51)</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres <u>4735 (-721)</u>	T. Granite.....	T. Dakota.....
T. Glorieta <u>6323 (-2313)</u>	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs <u>7526 (-3514)</u>	T.	T.
T. Abo.....	T.	T.
Wolfcamp Pay <u>10,516 (-6563)</u>	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	365	365	Surface sand and shells				
365	908	543	Red bed and caliche				
908	3258	2350	Anhy & Shale				
3258	4262	1004	Anhy & gyp				
4262	4625	363	Anhy				
4625	4795	170	Lime				
4795	6080	1285	Sandy lime				
6080	7850	1770	Lime				
7850	8004	154	Shale & lime				
8004	9917	1913	Lime				
9917	10,024	107	Lime and sand				
10,024	10,224	200	Lime				
10,224	10,492	268	Lime and shale				
10,492	10,652	160	Lime				
10,652	10,703	51	Lime 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.

June 5, 1957
(Date)

Company or Operator Austral Oil Exploration Company Incorporated
Name Winston G. Smith

Address 300 San Jacinto Building
Houston 2, Texas
Position or Title Division Engineer