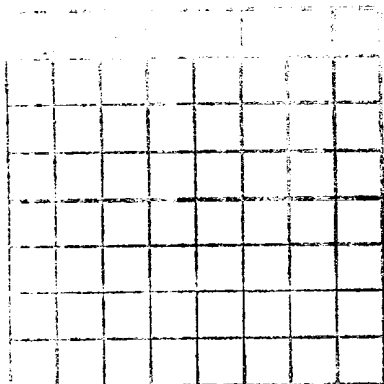




NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MAY 3 1960

WELL RECORD

O. C. C.
ARTESIA, OFFICE

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.

UNION OIL & REFINING COMPANY (COMPANY OR OPERATOR) ARBO CHALK BLUFF DRAW UNIT (LEASE)
WELL NO. 1, IN NE 1/4 OF NW 1/4 OF SEC. 16, T. 18-S, R. 27-E, N.M.P.M.
(Empire Ace) POOL Eddy COUNTY.
WELL IS 20 FEET FROM North LINE AND 380 FEET FROM West LINE
OF SECTION 16. IF STATE LAND THE OIL AND GAS LEASE NO. IS E-3635
DRILLING COMMENCED March 14, 1960 DRILLING WAS COMPLETED April 15, 1960
NAME OF DRILLING CONTRACTOR See Drilling Company
ADDRESS Phillips Building - Tulsa, Oklahoma
ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3492 DF THE INFORMATION GIVEN IS TO BE
KEPT CONFIDENTIAL UNTIL _____, 19____

OIL SANDS OR ZONES

NO. 1, FROM 5180 TO 5630 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
3 7/8"	24#	New	1493.83	MCNOC Guide	=	=	Surface
2 7/8"	9.5#	New	5669.43	MCNOC Guide	=	5570-5584" and 5602-5616"	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
10"	3 7/8"	5508.23	700	Pump & Plug	=	=
7 7/8"	2 7/8"	5630.43	800	Pump & Plug	=	=

RECORD OF PRODUCTION AND STIMULATION

(RECORD THE PROCESS USED, NO. OF GTS. OR GALS. USED, INTERVAL TREATED OR SHOT.)

Acidized perforations 5570-5584" & 5602-5616" with 10,000 gallons 15% regular acid.

RESULT OF PRODUCTION STIMULATION Flowed 159 barrels oil in 6 1/2 hours

NEW MEXICO OIL CONSERVATION COMMISSION

NO. 10000 WIRE USED FROM _____ FEET TO _____ 5681 FEET, AND FROM _____ FEET TO _____ FEET
ANGLE TWO 5 WIRE USED FROM _____ FEET TO _____ FEET, AND FROM _____ FEET TO _____ FEET

OUT TO PAGE INDEX..... 17.00

9. TOTAL FLUID INTAKE DURING THE FIRST 24 HOURS WAS 200 LITERS OF LIQUID OF WHICH 100 LITERS

TYPE OF COLLISION: REAR END DRIVER: WILLIAM AND WILLIAM OF 1960

THE UNIVERSITY OF CHICAGO

4. VITALITY: RECOVERY DURING THE FIRST 24 HOURS WAS _____ INCH PLUS _____

10. WEIGHT OF LIQUID HYDROCARBON, SHUT IN PRESSURE.....LBS.

[illegible]

PLATE 1. CANYON FLOW FORMATION ROCK (In Conformance With Geographical Section of State).

NORTHWESTERN NEW MEXICO		NORTHWESTERN NEW MEXICO	
1. ALBUQUERQUE		1. DELGADO	
2. ALBUQUERQUE		2. SILVERMAN	
3. ALBUQUERQUE		3. MONTEZUMA	
4. ALBUQUERQUE		4. SHAPIRO	
5. ALBUQUERQUE		5. AMES	
6. ALBUQUERQUE		6. HENDERSON	
7. ALBUQUERQUE		7. OF WASH.	
8. ALBUQUERQUE		8. CHAMBERLAIN	
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1. I HEREBY CERTAINLY AFFIRM THAT THE INFORMATION GIVEN HEREWITH IS A COMPLETE AND CORRECT REPORT
2. THE NAME AND AGE WERE OBTAINED FROM THE AG (CAN BE DETERMINED) FROM AVAILABLE RECORDS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-10-2001 BY 60322 UCBAW

ORIGINAL
SIGNED: R. R. ALWORTH
POSITION OR TITLE Agent

DRILL STEM TEST RECORD:

One DST was taken in the Abo formation from 5526 to 5581'.

Tool open 110 minutes. Strong blow of air immediately. Gas to surface in 7 minutes, mud to surface in 92 minutes, oil to surface in 100 minutes. Flowed to pits. 10 minute hydrostatic pressure 2580. ISIP 2165. Initial flow pressure 240. Final flow pressure 635. Final shut-in pressure 2130. Final hydrostatic pressure 2560.

CORING RECORD:

Core #1, Abo Reef, 5200-5246.

Core #2, Abo, 5246-5296.

Core #3, Abo, 5296-5346.

Core #4, Abo, 5346-5396.

Core #5, Abo, 5396-5446.

Core #6, Abo 5446-5496.

Core #7, Abo, 5496-5516.

Core #8, Abo, 5516-5566.

Core #9 5566-5616, Abo.

Core #10, Abo 5616-5666.

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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DATE

ARTESIA

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STATE LAND OFFICE

U. S. G. S.

TRANSPORTER

FILE

BUREAU OF MINES