

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico RECEIVED

WELL RECORD

JAN 11 1960

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 QUINTUPLICATE. If State Land submit 6 Copies

Blair Steele, et al

State of New Mexico

B-8638

(Company or Operator)

(Lease)

Well No. 1, in SE 1/4 of SE 1/4, of Sec. 7, T. 8 South, R. 27 East, NMPM.

Acme

Pool, Chaves

County.

Well is 660 feet from South line and 660 feet from East line

of Section 7. If State Land the Oil and Gas Lease No. is 5-8638

Drilling Commenced August 22, 1959 Drilling was Completed September 5, 1959

Name of Drilling Contractor Shar-Alan Drilling Company

Address Roswell, New Mexico (Mile High Center, Denver, Colorado)

Elevation above sea level at Top of Tubing Head 4012'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1978' to 2004' 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 143' to 158' 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#	Used	276.95'	Belled	-	-	Surface Csg.
5-1/2"	15.5#	Used	2036.74'	Float	-	1964-88' & 1990-96'	Production Csg.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	273' KB	110 Sx.	HOWCO	-	-
7-7/8"	5-1/2"	2030' KB	100 Sx.	HOWCO	-	-

RECORD OF PRODUCTION AND STIMULATION

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

9-23-59 Treated Perforations w/500 gal. of 15% MCA mixed in 900# of calcium chloride, formation broke from 2100 psi to 1800 psi.

9-24-59 Sand Fraced Perforations w/10,000 gal. of field crude and 8,500# of sand.

Breakdown pressure was 3200 psi to 2800 psi, treating pressure was 3200 psi @ 11 BPM.

Result of Production Stimulation Production increased from rate of 3 BOD to Approximately 5 BOD on the swab after the MCA treatment. Well swabbed at the rate of 24 BOD after sandfrac.

Depth Cleaned Out 2030' KB

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 2033' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 12-14, 1959

OIL WELL: The production during the first 24 hours was 34 barrels of liquid of which 20.6 % was oil; 6 % was emulsion; 69.4 % water; and 4 % was sediment. A.P.I. Gravity 24.2° API

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

T. Anhy. 287'
T. Salt 390'
B. Salt 864'
T. Yates _____
T. 7 Rivers _____
T. Queen 904'
T. Grayburg _____
T. San Andres 1387'
T. Glorieta _____
T. Drinkard _____
T. Tubbs _____
T. Abo _____
T. Penn _____
T. Miss _____

T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Penrose 995'
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Farmington _____
T. Pictured Cliffs _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Dakota _____
T. Morrison _____
T. Penn _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	320	320	Anhydrite & Shale				
320	400	80	Gray & Red Sand				
400	730	330	Salt & Anhydrite				
730	906	176	Sand, Salt & Anhydrite				
906	914	8	Gray Sand				
914	995	81	Anhyd, Red Sand & Salt				
995	1053	58	Red tight Sand & Anhyd.				
1053	1392	339	Red Beds, Gyp & Anhyd.				
1392	1400	8	Dolo., Anhyd. & Red Sand				
1400	1965	565	Red Sand				
1965	1974	9	Dolomite & Red Sand				
1974	2033	59	Dolomite w/scattered porosity and oil stain				
			2033' KB				

OIL CONSERVATION COMMISSION			
ARTESIA DISTRICT OFFICE			
No. Copies Received <u>6</u>			
DATE <u>1-4-60</u>			
OPERATOR		NO. FORWARDED	
SANTA FE			
PRODUCTION OFFICE			
STATE LAND OFFICE			
U. S. G. S.			
TRANSPORTER			
FILE			
BUREAU OF MINES			

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.

1-4-60

(Date)

Company or Operator Blair Steele, et al

Address 3413 So. Poplar

Name James E. Ealy Jr

Position Title Operator