

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

Burnham Oil Company

State

(Company or Operator)

(Lease)

Well No. 1-32

in NW 1/4 of SE 1/4 of Sec 32

T 17-S

R 28-E

NMPM.

Red Lake

Pool,

Eddy

County.

Well is 1650

feet from East

line and 2310

feet from South

line

of Section 32

If State Land the Oil and Gas Lease No. is B-1717

Drilling Commenced February 7

1958

Drilling was Completed March 12

1958

Name of Drilling Contractor Harvey Yates

Address Garner building

Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3679

The information given is to be kept confidential until

Not confidential

19

OIL SANDS OR ZONES

No. 1, from

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 365

to 375

feet.

No. 2, from 407

to 415

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	516	Regular		None	Water Shutoff
5-1/2	15 1/2	New	207 1/2	Regular		2039-29; 1957-47	Oil String
						1946-30; 1929-19	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4	8-5/8	516	50		None	None
8	5-1/2	207 1/2	150		None	None

RECORD OF PRODUCTION AND STIMULATION

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

50,000 gals. oil, 50,000 lbs. sand, 110 rubber balls, 250 gals. breakdown acid were used

by Howell Inc. to frac the well; maximum pressure 2450, minimum pressure 2100.

Result of Production Stimulation Increased production from 2 gals. per hour to 20 bbls. per day.

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 0 feet to 2075 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 2075 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing April 24, 1958

OIL WELL: The production during the first 24 hours was 20 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 37

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
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	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
0	235	235	Conglomerate				
235	485	250	Anhydrite				
485	515	30	Anhydrite, red rock, shale				
515	670	155	Anhydrite				
670	720	50	Anhydrite, lime				
720	765	45	Anhydrite				
765	970	205	Anhydrite, lime				
970	1030	60	Sand, anhydrite				
1030	1155	125	Anhydrite				
1155	1200	45	Gray lime, anhydrite				
1200	1230	30	Red sand				
1230	1350	120	Anhydrite				
1350	1510	190	Anhydrite, lime				
1510	1635	95	Red sand, anhydrite, lime				
1635	1712	77	Lime				
1712	1720	8	Gray sand				
1720	1810	90	Lime				
1810	1819	9	Sand				
181	1920	101	Lime				
1920	1940	20	Sand, lime				
1940	2075	135	Lime				
2075			Total depth				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies 6
OPERATION
Santa Fe
Production Office
State Land Office
U. S. G. S.
Transp. & Com.
File
Bm

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.

April 26, 1958 (Date)
Company or Operator Burnham Oil Company Address Box 65 Artesia, New Mexico
Name B. J. Boring, Jr. Position or Title Agent

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Artesia, New Mexico April 26, 1958

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Burnham Oil Company State , Well No. 1-32, in NW 1/4 SE 1/4,
(Company or Operator) (Lease)

J Sec. 32 T. 17-S R. 28-E NMPM, Red Lake Artesia Pool

Unit Letter

Eddy

County. Date Spudded 2/7/58 Date Drilling Completed 3/12/58

Please indicate location:

Elevation 3679 Total Depth 2075 PBTD None

Top Oil/Gas Pay 1919 Name of Prod. Form. Premier

PRODUCING INTERVAL -

Perforations 2039-29; 1957-47; 1946-30; 1929-19

Open Hole None Depth Casing Shoe 2075 Depth Tubing 1912

OIL WELL TEST -

Natural Prod. Test: 2 gals. oil, 0 bbls water in 1 hrs, 3 min. Choke Size Bail

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 20 bbls. oil, 0 bbls water in 24 hrs, 0 min. Choke Size 3/4

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 50,000 lbs. sand; 50,000 gals. oil; 140 rubber balls; 250 gals. Casing Tubing Date first new Press. 220 Press. 220 oil run to tanks 4/24/58 breakdown acid.

Oil Transporter Malco Refineries Inc. Roswell, New Mexico

Gas Transporter None

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved APR 29 1958, 19

Burnham Oil Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title OIL AND GAS INSPECTOR

By: J. E. [Signature]
(Signature)

Title Agent
Send Communications regarding well to:

Name Burnham Oil Company

Address Box 65, Artesia, New Mexico

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Burnham Oil Company Lease State

Well No. 1-32 Unit Letter J S 32 T 17-S R 28-E Pool Red Lake Artesia

County Eddy Kind of Lease (State, Fed. or Patented) State B-1717

If well produces oil or condensate, give location of tanks: Unit S 32 T 17-S R 28-E

Authorized Transporter of Oil or Condensate Malco Refineries Inc.

Address Box 660 Roswell, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

Address _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Not present in commercial quantities

Reasons for Filing: (Please check proper box) New Well (x)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: _____ (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 26th day of April 19 58

Approved APR 30 1958 19

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Title OIL AND GAS INSPECTOR

By J. E. Ledingfield

Title Agent

Company Burnham Oil Company

Address Box 65

Artesia, New Mexico

OIL CONSERVATION COMMISSION	
ARTECIA DISTRICT OFFICE	
No. Copies Received	5
By	
Date	2
Time	1
Place	1
Remarks	
Signature	1
Initials	✓

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Burnham Oil Company Box 65 Artesia, New Mexico
(Address)

LEASE State WELL NO. 1-32 UNIT J S 32 T 17-S R 28-E
DATE WORK PERFORMED 3/18/58 POOL Red Lake Artesia

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.

Dowell Inc. sand fracked the well with 50,000 lbs. of sand, 50,000 gals. of oil, 140 rubber balls, and 250 gals. of breakdown acid with a maximum pressure of 2450 and a minimum pressure of 2100. Production increased from 2 gals. per hour to 20 bbls. per day.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

(Company)

OIL CONSERVATION COMMISSION

Name M. L. Armstrong
Title OIL AND GAS INSPECTOR
Date APR 22 1958

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name J. E. Dedingfield
Position Agent
Company Burnham Oil Company

OIL CONSERVATION COMMISSION		
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