

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

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 QUADRUPLICATE 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.

Tyler, Texas June 18, 1964
(Place) (Date)

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

Fair Oil Company State "A", Well No. 5, in SE 1/4 NE 1/4,
(Company or Operator) (Lease)
H, Sec. 36, T. 17S, R. 29E, NMPM, ~~Loose Hills~~ *Blue Jackson* Pool
Unit Letter
Eddy County. Date Spudded 4/27/64 Date Drilling Completed 6/2/64

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation 3565 G.L. Total Depth 3112' PBTD 3090
Top Oil/Gas Pay 2716 Name of Prod. Form. ~~Loose Hills~~ *Blue Jackson*
PRODUCING INTERVAL -
Perforations 2717.5-2718.5' & 2731-2737' w/3-5/8" glass crack
Open Hole Depth Casing Shoe 3105 Tubing 2705' jets

OIL WELL TEST -

Natural Prod. Test: Trace bbls. oil, 0 bbls water in hrs, min. Size
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 52 bbls. oil, 3 bbls water in 24 hrs, 0 min. Size 2"

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): 60,000 gallons water & 45,000# 20-40 sand
Casing Tubing Date first new Press. 100 Press. 20 oil run to tanks June 6, 1964
Oil Transporter Texas-New Mexico Pipeline Company
Gas Transporter ~~Valley Gas~~

2310' FNL & 330' FWL

Tubing, Casing and Cementing Record

Size	Feet	Sax
7"	590	25
4-1/2"	3105	135
2-3/8"	2705	None

Remarks: **RECEIVED**

JUN 22 1964

I hereby certify that the information given above is true and complete to the best of my knowledge. ☐ O. C. C.
Approved: JUN 22 1964, 19 Fair Oil Company ARTEBIA, OFFICE
(Company or Operator)

OIL CONSERVATION COMMISSION

By: *W. A. Gussert*

Title: OIL AND GAS INSPECTOR

By: *W. A. Gussert*
(Signature)

Title: Agent
Send Communications regarding well to:

Name: Fair Oil Company

Address: Box 689, Tyler, Texas

From
W. A. GRESSETT
DEPUTY OIL & GAS
INSPECTOR

June 22, 1964

This will acknowledge receipt of Forms C-104, C-110,
on your North Loco 36, #5 well. It will be necessary
for you to file a C-103 showing 4½" casing and
volume of cement used.

Memo

To

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received 4		
DISTRIBUTION		
	NO. FURNISHED	
OPERATOR	1	
SANTA FE	1	
PRORATION OFFICE	1	
STATE LAND OFFICE		
U. S. G. S.		
TRANSPORTER		
FILE	1	
BUREAU OF MINES		

DISTRIBUTION	
SANTA FE	1-
FILE	
U.S.G.S.	
LAND OFFICE	1
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	2

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Fair Oil Company				Lease State "A"		Well No. 5	
Unit Letter H	Section 36	Township 17S	Range 29E	County Eddy			
Pool Loco Hills				Kind of Lease (State, Fed, Fee) State			
If well produces oil or condensate give location of tanks		Unit Letter I	Section 36	Township 17S	Range 29E		
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>				Address (give address to which approved copy of this form is to be sent)			
Texas-New Mexico Pipeline Company				Midland, Texas			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>		Date Connected	Address (give address to which approved copy of this form is to be sent)				
None							

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

Flaring until we can get connection.

REASON(S) FOR FILING (please check proper box)

New Well ☒ Change in Ownership ☐
 Change in Transporter (check one) Other (explain below)
 Oil ☐ Dry Gas ☐
 Casing head gas . ☐ Condensate . . ☐

RECEIVED

Remarks

JUN 22 1964

O. C. C.
ARTESIA, OFFICE

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

Executed this the **17th** day of **June**, 19 **64**.

OIL CONSERVATION COMMISSION		By
Approved by	<i>W. R. Gressett</i>	<i>W. R. Gressett</i>
Title	OIL AND GAS INSPECTOR	Agent
Date	JUN 22 1964	Company Fair Oil Company
		Address Box 689, Tyler, Texas

XERO

XERO

copy
2 1/2

Santa Fe, New Mexico

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

Fair Oil Company, Box 689, Tyler, Texas North Loco 36 State A
(Company or Operator) (Lease)

Well No. 5, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 36, T. 17S, R. 29E, NMPM.

~~Loon Hills~~ *Glenn Jackson* ~~PO~~ **Eddy** County

Well is 330 feet from East line and 2130 feet from North line

of Section 36 If State Land the Oil and Gas Lease No. is B-2023

Drilling Commenced April 27, 1964 Drilling was Completed June 2, 1964

Name of Drilling Contractor.....Cap Drilling Company.....

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head.....3568..... The information given is to be kept confidential until
No requirement..... 19.....

No. 1, from 2716 to 2737 No. 4, from 3039 to 3047

No. 2, from 2840 to 2845 No. 3, from 3077 to 3083

No. 3, from 2864 to 2870 No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 340 to 350 feet. HN 2-2-1051

No. 2, from 365 to 385 feet.

No. 3. from to feet.

No. 4. from to feet.

RECEIVED

~~JUN 22 1964~~

O. C. C.
ARTESIA, OFFICE

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7" OD	20	Used	590'	Guide	None	None	Surface String
4 1/2" OD	9.5	New	3105'	Float & Guide	None	2717 1/2 to 2718 1/2 2731 to 2737	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 1/2"	7" OD	590	25	Pump		
6 1/2"	4 1/2" OD	3105	135	Pump		

The 4 1/2" casing was perforated with Solberg 3-5/8" glass crack jets as follows: 3 shots @ 2717 1/2' to 2718 1/2' and 12 shots @ 2731 to 2737. This zone was sand fraced with 60,000 gals. of fresh water and 45,000 lbs. 20-40 sand @ 30 bbls. per minute down casing @ 2600 PSI using Dowell equipment.

Result of Production Stimulation. Trace of oil before treatement to 55 bbls. per day flowing after treatment.

Depth Cleaned Out.....3090'

COORD OF DRILL-STEM AND SPECIAL TA

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 3112 feet, and from 0 feet to 3112 feet.
Cable tools were used from 0 feet to 3112 feet, and from 0 feet to 3112 feet.

PRODUCTION

Put to Producing June 6, 1964
OIL WELL: The production during the first 24 hours was 55 barrels of liquid of which 95% was oil; 5% was emulsion; 5% water; and 5% was sediment. A.P.I. Gravity 39°
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.	300'	T. Devonian		T. Ojo Alamo	
T. Salt	550'	T. Silurian		T. Kirtland-Fruitland	
B. Salt	1010'	T. Montoya		T. Farmington	
T. Yates	1228'	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	1795'	T. McKee		T. Menefee	
T. Queen	2274'	T. Ellenburger		T. Point Lookout	
T. Grayburg	3550'	T. Gr. Wash.		T. Mancos	
T. San Andres	3062'	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	30	30	Sand & Caliche	2535	2580	45	Lime
30	150	120	Red Bed	2580	2585	5	Red sand
150	200	50	Sandy shale	2585	2595	10	Brown lime
200	310	110	Red Beds & shale	2595	2605	10	Broken pink lime
310	495	185	Anhydrite, red beds & shale	2605	2710	105	Gray lime
495	550	55	Anhydrite	2710	2716	6	Gray lime
550	1010	460	Salt w/Anhydrite & Potash	2716	2737	21	Tight gray sand (Little oil stain) Loco Hills Sand
1010	1805	795	Anhydrite	2737	2792	45	Buff Dolomite
1805	1810	5	Broken Lime & Sand (Small show oil & gas)	2792	2806	14	Buff Dolomite & Sand
1810	2226	416	Anhydrite	2806	2840	34	Buff Dolomite
2226	2261	35	Red sand	2840	2850	10	Gray sand trace stain
2261	2274	13	Anhydrite	2850	2860	10	Sandy & Dolomite (Metex sand)
2274	2280	6	Lime	2860	2880	20	Buff Dolomite
2280	2400	120	Anhydrite	2880	2890	10	Buff Dolomite & Red sandy Dolomite
2400	2418	18	Anhydrite & sand	2890	2955	65	Buff Dolomite
2418	2435	17	Broken lime	2955	2965	10	Red sand & Dolomite
2435	2470	35	Anhydrite	2965	3005	40	Buff Dolomite
2470	2480	8	Lime	3005	3040	35	Buff & Red Sandy Dolo.
2480	2492	12	Sandy Lime (Small show of oil)	3040	3048	8	Buff & Red Sandy Dolo.
2492	2535	43	Anhydrite & sand				

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.

Company or Operator Fair Oil Company Address Box 689, Tyler, Texas
Name Nat F. Goodwin Position or Title Agent
6/18/64 (Date)

From	To	Thickness in Feet	Formation
3048	3057	9	Buff Dolo & Red Sand
3057	3062	5	Red & Gray sand & Dolomite
3062	3077	15	Pink & Red mostly Buff Dolomite
3077	3083	6	90% Dolo w/10% porous & oil stained sand
3083	3112	29	White Dolomite