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LAND OFFICE	
TRANSPORTER	OIL <u>1</u> GAS <u>4</u>
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

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.

Artesia, New Mexico August 3, 1964
(Place) (Date)

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

Kincaid & Watson Drilling Company Marathon State, Well No. 1, in SW 1/4 NE 1/4,
(Company or Operator) (Lease)
G 8 T 18 S R 28 E, NMPM., Artesia Pool
Unit Letter

Eddy

Please indicate location:

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

2310N - 1980E

(FOOTAGE)

Tubing, Casing and Cementing Record

Size Feet Sax

8 5/8"	426	50
5 1/2"	2293	100
2"	2076	

County. Date Spudded 6-24-64 Date Drilling Completed 7-20-64
Elevation 3625 Total Depth 2295 PBD 2293

Top Oil/Gas Pay 2119 Name of Prod. Form. Metex

PRODUCING INTERVAL -

Perforations 80 shots, 2114 - 2130

Open Hole Depth 2293 Casing Shoe 2076 Depth 2076 Tubing

OIL WELL TEST -

Natural Prod. Test: 2 gal bbls. oil, 1 hrs, bailing Choke Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 40 bbls. oil, 24 hrs, 3/8" Choke Size

GAS WELL TEST -

None

Natural Prod. Test: None 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): 35,885 gallons of oil and 75,000 lbs. of 20/40 sand

Casing Press. 275 Tubing Press. 60 Date first new oil run to tanks August 1, 1964

Oil Transporter Continental Oil Company RECEIVED

Gas Transporter

Remarks: AUG 5 1964

O. C. C.

ARTESIA, OFFICE

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

Approved AUG 5 1964, 19

Kincaid & Watson Drilling Company

(Company or Operator)

By: J. C. Watson (Signature)

Title Agent

Send Communications regarding well to:

Name Kincaid & Watson Drilling Company

Address Box 498, Artesia, New Mexico

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title OIL AND GAS INSPECTOR

NUMBER OF COPIES RECEIVED 5 DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE TRANSPORTER PRODUCTION OFFICE OPERATOR		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 Kineaid & Watson Drilling Company ✓			Lease Marathon State	Well No. 1
Unit Letter G	Section 8	Township 18 South	Range 28 East	County Eddy
Pool Artesia			Kind of Lease (State, Fed, Fee) State	
If well produces oil or condensate give location of tanks		Unit Letter G	Section 8	Township 18 South
				Range 28 East
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Continental Oil Company			Address (give address to which approved copy of this form is to be sent) Box 410, Artesia, New Mexico	
Is Gas Actually Connected? Yes _____ No X				
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)	
If gas is not being sold, give reasons and also explain its present disposition: Vented				
REASON(S) FOR FILING (please check proper box)				
New Well <input checked="" type="checkbox"/> Change in Ownership <input type="checkbox"/> Change in Transporter (check one) Other (explain below) Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casing head gas . <input type="checkbox"/> Condensate.. <input type="checkbox"/>				
RECEIVED AUG 5 1964 O. C. C. ARTESIA, OFFICE				
Remarks Phillips Petroleum Company will test the gas and if it meets commercial requirements they will make connection.				
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with. Executed this the 3 day of August , 19 64 .				
OIL CONSERVATION COMMISSION			By <i>J. L. Watson</i>	
Approved by <i>M. L. Armstrong</i>			Title Agent	
Title OIL AND GAS INSPECTOR			Company Kineaid & Watson Drilling Company	
Date AUG 5 1964			Address Box 498, Artesia, New Mexico	

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NUMBER OF COPIES RECEIVED		7
DISTRIBUTION		
SANTA FE	1	
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U.S.G.S.	2	
LAND OFFICE	1	
TRANSPORTER	OIL	
	GAS	
PRODUCTION OFFICE		
OPERATOR	1	

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Kincaid & Watson Drilling Company

(Company or Operator)

Marathon State

(Lease)

Well No. 1, in SW 1/4 of NE 1/4, of Sec. 8, T. 18 S., R. 28 E., NMPM.

Artesia

Pool,

Bidy

County.

Well is 2310 feet from North line and 1980 feet from East line

of Section 8-18-28. If State Land the Oil and Gas Lease No. is 703.

Drilling Commenced 6-24, 1964. Drilling was Completed 7-20, 1964.

Name of Drilling Contractor Kincaid & Watson Drilling Company

Address P.O. Box 498, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3635. The information given is to be kept confidential until

, 19.

OIL SANDS OR ZONES

No. 1, from 2119 to 2127. No. 4, from to

No. 2, from to. No. 5, from to

No. 3, from to. No. 6, from to

RECEIVED

IMPORTANT WATER SANDS

AUG 5 1964

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

No. 1, from 380 to 385 feet.

No. 2, from 2289 to 2295 feet.

No. 3, from to feet.

No. 4, from to feet.

O. C. C.

ARTESIA OFFICE

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	23	New	426	Reg.	None	None	Surface
5 1/2"	14	Used	2293	Float	None	2114-30	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	426	50	Denton		
8"	5 1/2"	2293	100	Denton		

RECORD OF PRODUCTION AND STIMULATION

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

Dowell treated this well with 35,885 gallons of oil and 75,000 lbs. of 20/40 sand thru perforations - 80 shots - 2114' - 2130'. Natural production was 2 gallons of oil per hour. After recovering the lead oil the well will make approximately 40 B.O.P.D.

Result of Production Stimulation

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.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....2295.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....8-1....., 19.....64.....

OIL WELL: The production during the first 24 hours was.....40.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....

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..... 500	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen..... 1447	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg..... 1855	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	25	25	Caliche	2065	2119	54	Lime
25	110	85	Sand & red bed	2119	2125	6	Sand
110	190	80	Sand & red rock	2125	2141	16	Lime
190	260	70	Red rock & shells	2141	2150	9	Lime & gray shale
260	290	30	Red bed	2150	2180	30	Lime
290	300	10	Anhydrite	2180	2200	20	Lime & sand
300	335	35	Red bed & salt stringers	2200	2275	75	Lime
335	350	15	Red rock & anhydrite shells				
350	540	190	Anhydrite	2275	2295	20	Lime & sand
540	555	15	Anhydrite & red rock	2295	T.D.		
555	590	35	Sandy red rock				
590	635	45	Anhydrite & red rock				
635	685	50	Anhydrite				
685	770	95	Anhydrite & red rock				
770	1485	715	Anhydrite				
1485	1515	30	Anhydrite & red sand				
1515	1675	160	Anhydrite				
1675	1705	30	Anhydrite & red shale				
1705	1745	40	Anhydrite				
1745	1805	60	Anhydrite & sand				
1805	1855	50	Anhydrite				
1855	1870	15	Anhydrite & lime				
1870	1925	55	Anhydrite				
1925	2050	75	Lime				
2050	2065	15	Anhydrite				

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.

.....August 3, 1964.....
Company or Operator.....Kincaid & Watson Drilling Co.....Address.....Box 498, Artesia, New Mexico.....
Name.....J. Watson.....Position or Title.....