

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AUG 1 1958



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

Three States Natural Gas Company  
(Company or Operator)

State  
(Lease)

Well No. **3 X**, in **NW** 1/4 of **NW** 1/4, of Sec. **30**, T. **17S**, R. **31E**, NMPM.

**Grayburg Jackson**

Pool, **Eddy**

County.

Well is **731** feet from **West** line and **330** feet from **North** line of Section **30**. If State Land the Oil and Gas Lease No. is **B-3627**

Drilling Commenced **June 14**, 19**58** Drilling was Completed **July 25**, 19**58**

Name of Drilling Contractor **Kineaid & Watson Drilling Co.**

Address **Box 536 Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **3612**. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from <b>1998</b> to <b>2000</b>	No. 4, from <b>2802</b> to <b>2844</b>
No. 2, from <b>2420</b> to <b>2460</b>	No. 5, from <b>3120</b> to <b>3256</b>
No. 3, from <b>2667</b> to <b>2680</b>	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 <b>380</b> to <b>385</b> feet.	<b>7 Bailers per hour</b>
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
10 3/4 OD	40	Used	514.23'	Reg	-	-	Surface
7" OD	20# & 23#	New	3423'	Baker Float	-	-	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
15 1/2"	10 3/4 OD	518'	360	Pump & Plug	-	-
8 5/8"	7" OD	3423'	150	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

**Dowell Inc. - Sand oil Frac. with 50,000 gallons of oil, 50,000 lbs. of sand in five stages using 4-65 ball shots of perforation sealers, Total fluid 1585 bbls. of oil. Frased through perforations, four holes per foot at 2835-44, 3124-29, 3148-57, 3166-73, 3180-83, 3187-91, 3196-3200, 3206-13, 3223-25, 3231-38, 3244-56**

Result of Production Stimulation **Increased production from 10 gallons of live oil per hour to 150 bbls. of oil per day on 18/64 choke. Increased gas from T.S.M. to 164 MCF per day.**

Depth Cleaned Out **3392**

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 **3423** feet, and from ..... feet to ..... feet.

PRODUCTION

Put to Producing..... **August 11** ..... 19 **58** .....

OIL WELL: The production during the first 24 hours was..... **150** ..... barrels of liquid of which..... **100** ..... % was  
 was oil; ..... % was emulsion; ..... % water; and..... % was sediment. A.P.I.  
 Gravity..... **36°** .....

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.....	<b>400</b>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<b>510</b>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<b>1250</b>	T. Montoya.....	T. Farmington.....
T. Yates.....	<b>2000</b>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	<b>2420</b>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	<b>2810</b>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	<b>3262</b>	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	285		Red Bed, Red Rock, Sand	3267	3275		Lime
285	315		Sand	3275	3285		White Lime
315	345		Red Bed	3285	3415		Lime
345	380		Anhydrite	3415	3423		Broken Lime
380	385		Water Sand				
385	410		Sand & Anhydrite				
410	460		Anhydrite & Salt				
460	469		Red Sand & Red Bed				
469	508		Anhydrite & Salt				
508	1247		Salt				
1247	2430		Anhydrite S.S.O. 2000,-12				
2430	2457		Red Sand				
2457	2570		Anhydrite				
2570	2615		Lime				
2615	2645		Lime & Anhydrite				
2645	2705		Anhydrite S.S.O. 2660-75				
2705	2735		Anhydrite & Lime				
2735	2839		Anhydrite				
2839	3130		Lime - Oil - 2839-50, 8 G.P.H.				
3130	3150		Sand - Inc.Oil - 14 G.P.H.				
3150	3225		Lime				
3225	3240		Sandy Lime				
3240	3245		Pink Lime				
3245	3267		Broken Lime				

OIL CONSERVATION COMMISSION  
 ARTESIA DISTRICT OFFICE  
 No. Copies F...  
 State L...  
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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 13, 1958** .....  
 (Date)

Company or Operator..... **Three States Natural Gas Co.** ..... Address..... **1700 Corrigan Tower - Dallas, Texas** .....  
 Name..... *[Signature]* ..... Position or Title..... **Division Superintendent** .....

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 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.

Jal, New Mexico 8/12/58  
(Place) (Date)

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

Three States Natural Gas Company State \_\_\_\_\_, Well No. 3 X, in NW 1/4 NW 1/4,  
(Company or Operator) (Lease)  
D, Sec. 30, T. 17S, R. 31E, NMPM, Grayburg Jackson Pool  
Unit Letter

Eddy

Please indicate location:

D 731 x 330	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

County. Date Spudded 6/14/58 Date Drilling Completed 7/25/58  
Elevation 3611 G. L. Total Depth 3423 PBD -  
Top Oil/Gas Pay 3120 Name of Prod. Form. Grayburg

PRODUCING INTERVAL -

Perforations 2835-44, 3124-3256  
Open Hole - Depth Casing Shoe 3423 Depth Tubing 3178

OIL WELL TEST -

Natural Prod. Test: 6 bbls. oil, - bbls water in 24 hrs, - min. Size Bailed  
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 150 bbls. oil, None bbls water in 24 hrs, - min. Size 18/64

GAS WELL TEST -

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

Tubing, Casing and Cementing Record

Size	Feet	Size
10 3/4	514.23	360
7" OD	3423	150

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): 1585 bbls. of oil & 50,000 lbs. sand

Casing Tubing Date first new Press. 690 Press. 300 oil run to tanks August 11, 1958

Oil Transporter Texas New Mexico Pipe Line Co.

Gas Transporter \_\_\_\_\_

Remarks: \_\_\_\_\_

*Green Gate 2221 Gate 2825 11-30-57*

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

Approved AUG 19 1958, 19

Three States Natural Gas Company  
(Company or Operator)

By: *Wm J G Fink*  
(Signature)

Title Division Superintendent

Send Communications regarding well to:

Name Wm. J. G. Fink

Address Box 168 Jal, New Mexico

OIL CONSERVATION COMMISSION

By: *M L Armstrong*  
Title OIL AND GAS INSPECTOR

OIL CONSERVATION COMMISSION

ART 215 DISTRICT LETTER

Mr. C. J. ...	4
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