

RECEIVED

AUG 15 1960

XXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
P.O. Box 2532  
Hobbs, New Mexico

August 11, 1960

United States Department of the Interior  
Geological Survey  
P.O. Box 187  
Artesia, New Mexico

Gentlemen:

Attached in triplicate is Form 9-331a "Sundry Notices and Reports on Wells" and one copy each of MIOCC Forms C-104 and C-110 covering the completion of our Federal "F" Well No. 2, located in Section 31, Township 18-S, Range 31-E, North Shugart Queen (Grayburg) Pool, Eddy County, New Mexico.

Yours very truly,

THE PURE OIL COMPANY

*H. G. Teague*

H. G. Teague  
Dist. Supt.

HGT/ge  
Atta ch:

cc: State of New Mexico ✓  
Oil Conservation Commission  
321 Carper Building  
Artesia, New Mexico



## WELL LOCATION AND ACREAGE DEDICATION PLAT

AUG 15 1960

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

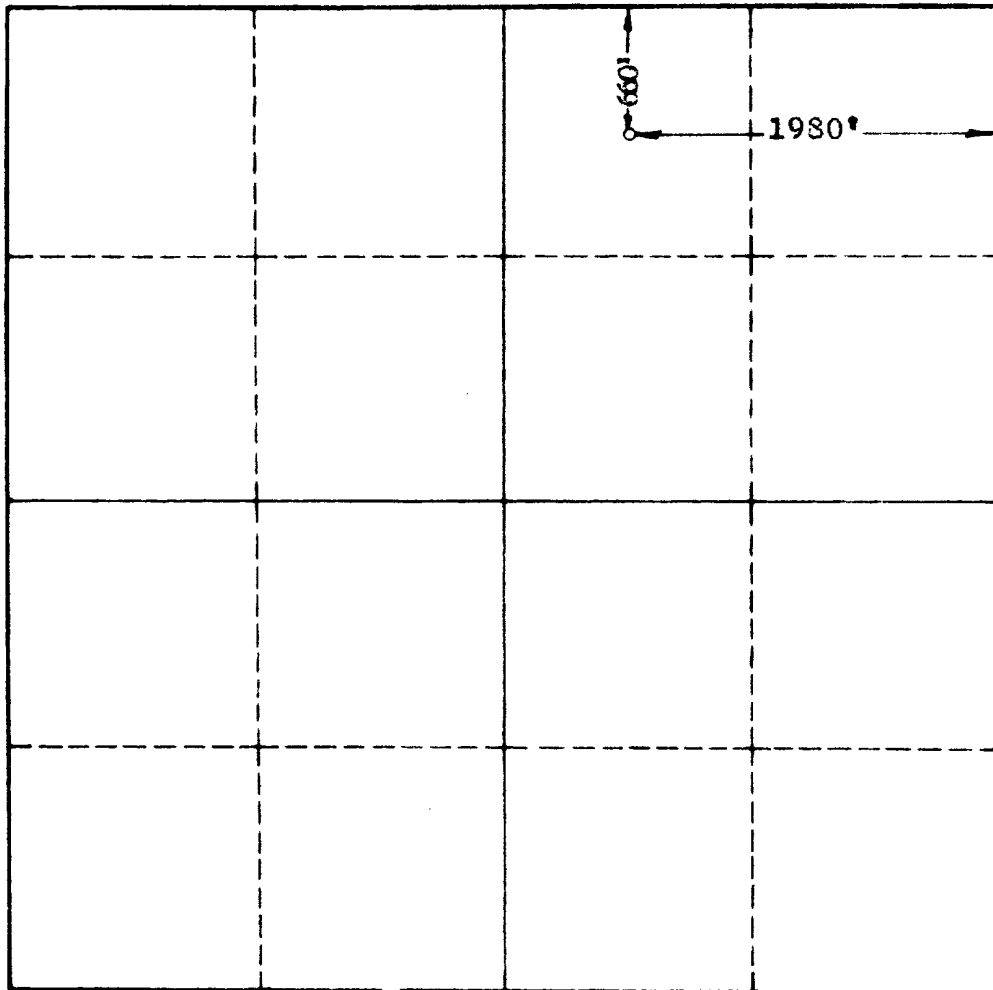
## SECTION A

Operator The Pure Oil Co.		Lease Federal "P"		Well No. ARTESIA, OFFICE 2	
Unit Letter B	Section 31	Township 18S	Range 31E	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 3556.3	Producing Formation Queen		Pool under North Shugart Queen Grayburg	Dedicated Acreage 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO \_\_\_\_ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

## SECTION B



## CERTIFICATION

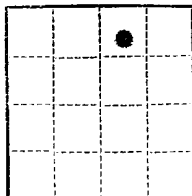
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name  
*H. G. League*  
Position  
Dist. Supt.  
Company  
The Pure Oil Co.  
Date  
6/1/60

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
6/1/60  
Registered Professional Engineer  
and/or Land Surveyor, JOHN W. WEST  
NEW MEXICO  
Certificate No. 676  
N.M. - P.E. & L.S. NO. 676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe, N.M.**Lease No. **LC 062085**

Unit \_\_\_\_\_

**RECEIVED**

**SUNDRY NOTICES AND REPORTS ON WELLS** **AUG 15 1960**

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
<b>Well Completion</b>	<b>X</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**August 11, 1960**

**Federal #F**  
Well No. **2** is located **660** ft. from **[N]** line and **1980** ft. from **[E]** line of sec. **31**

**NE/4 NE/4**  
(1/4 Sec. and Sec. No.)**T-18-S**  
(Twp.)**R-31-E**  
(Range)**NMPH**  
(Meridian)

(Field)

(County or Subdivision)

(State or Territory)

**Surface Casing Flange**  
The elevation of the ~~mantleline~~ above sea level is **3559** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 6- 9-60. Drilled to 835'. Ran 830' of 8-5/8" OD 24# Casing with Larkin Guide shoe set at 830'. Cemented with 150 sacks Portland cement. Pumped plug to 810'. Drilled to 3656'. Ran 3654' of 5-1/2" OD 14# casing with Guide shoe set at 3654'. Cemented with 320 sacks Trinity Portland Heat cement. Displaced with 500 gallons mud acid and water. Pumped plug to 3652'. Max. pressure 1000#. 24 hours WOC. Tested casing and cement with 1000# for 30 minutes - held OK. Ran Gamma-Ray, Neutron and collar logs. Perforated 5-1/2" OD casing 3596'-3603' and 3611'-3619' with 4 jet shots per foot. Frased perforations with 20,000 gallons refined oil and 60,000# sand. Max. pressure 2050#. Ran 3610' of 2-3/8" OD tubing. Installed pumping equipment and put to pumping.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Pure Oil Company**Address **P.O. Box 2532****Hobbs, New Mexico**

By

**H. G. Teague**Title **District Superintendent**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

**RECEIVED** FORM C-128  
 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE **AUG 15 1960**

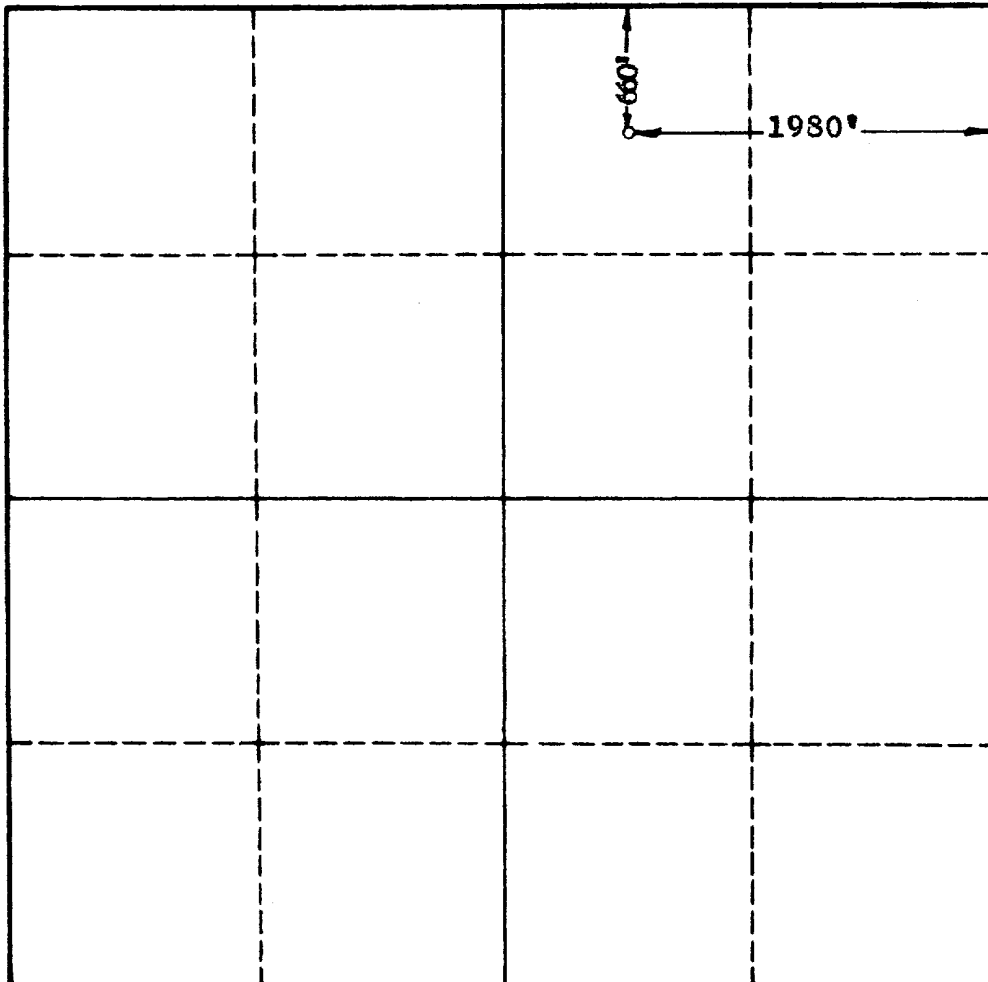
**SECTION A**

Operator <b>The Pure Oil Co.</b>		Lease <b>Federal "F"</b>		D. C. <b>ARTESIAN</b>	Well No. <b>2</b>
Unit Letter <b>B</b>	Section <b>31</b>	Township <b>18S</b>	Range <b>31E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3556.3</b>	Producing Formation <b>Queen</b>		Pool <b>North Shugart Queen Grayburg</b>		Dedicated Acreage: <b>40</b> Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

**SECTION B**



**CERTIFICATION**

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name <b>H. G. Leogue</b>
Position <b>Dist. Supt.</b>
Company <b>The Pure Oil Co.</b>
Date <b>6/1/60</b>

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed <b>6/1/60</b>
Registered Professional Engineer and/or Land Surveyor <b>JOHN W. WEST</b>
Certificate No. <b>JOHN W. WEST</b> N. M. - P. E. <b>NO. 576</b>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

**RECEIVED**

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

FORM C-128  
Revised 5-1-57

**AUG 15 1960**

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

**SECTION A**

**ARTESIA, OFFICIAL**

Operator <b>The Pure Oil Co.</b>	Lease <b>Federal "P"</b>	Well No. <b>2</b>
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Unit Letter <b>B</b>	Section <b>31</b>	Township <b>18S</b>	Range <b>31E</b>	County <b>Eddy</b>
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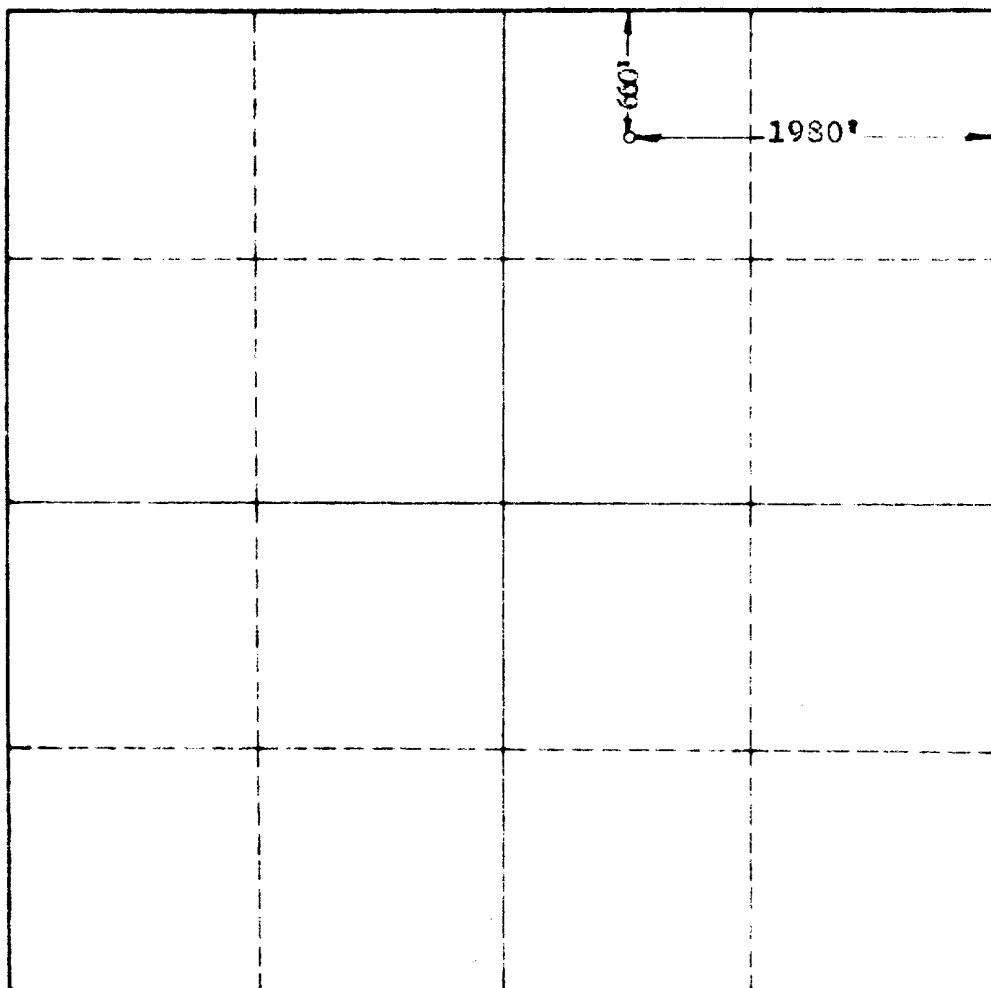
Actual Footage Location of Well:  
**660** feet from the **North** line and **1980** feet from the **East** line

Ground Level Elev. <b>3556.3</b>	Producing Formation <b>Queen</b>	Pool <b>North Shugart Queen Grayburg</b>	Dedicated Acreage <b>40</b> Acres
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Owner	Land Description

**SECTION B**



**CERTIFICATION**

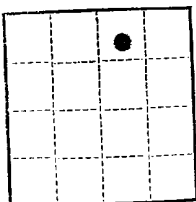
I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name **H. G. League**  
Position **Dist. Supt.**  
Company **The Pure Oil Co.**  
Date **6/1/60**

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Date Surveyed **6/1/60**  
Registered Professional Engineer and or Land Surveyor **JOHN W. WEST**  
State of **NEW MEXICO**  
Certificate No. **676**  
N. M. - P. E. & L. S. W. No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office **Santa Fe, N.M.**Lease No. **LC 062085**

Unit \_\_\_\_\_

**RECEIVED****SUNDRY NOTICES AND REPORTS ON WELLS**

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NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
<b>Well Completion</b>	<b>X</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**August 11, 1960**Well No. **2** is located **660** ft. from **{N}** line and **1980** ft. from **{E}** line of sec. **31****NE/4 NE/4**  
(1/4 Sec. and Sec. No.)**T-18-S**  
(Twp.)**R-11-E**  
(Range)**NIPM**  
(Meridian)

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the **Surface Casing Flange** above sea level is **3559** ft.**DETAILS OF WORK**

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Spudded 6-9-60. Drilled to 835'. Ran 830' of 8-5/8" OD 2 1/2" Casing with Larkin Guide shoe set at 830'. Cemented with 150 sacks Portland cement. Pumped plug to 810'. Drilled to 3656'. Ran 3654' of 5-1/2" OD 1 1/2" casing with Guide shoe set at 3654'. Cemented with 320 sacks Trinity Portland Heat cement. Displaced with 500 gallons mud acid and water. Pumped plug to 3652'. Max. pressure 1000#. 2 1/2 hours WOC. Tested casing and cement with 1000# for 30 minutes - held OK. Ran Gamma-Ray, Neutron and collar logs. Perforated 5-1/2" OD casing 3596'-3603' and 3611'-3619' with 4 jet shots per foot. Frased perforations with 20,000 gallons refined oil and 60,000# sand. Max. pressure 2050#. Ran 3610' of 2-1/8" OD tubing. Installed pumping equipment and put to pumping.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Para Oil Company**Address **P.O. Box 2532**  
**Hobbs, New Mexico**By **H. G. Tongue**  
Title **District Superintendent**