

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

17 September 1948

The Hobbs Sun  
Hobbs, New Mexico

RE: Cases 157, 158  
Notice of Publication

Gentlemen:

Please publish the enclosed notice once, immediately.  
Please proof-read the notice carefully and send a copy  
of the paper carrying such notice.

UPON COMPLETION OF THE PUBLICATION, PLEASE SEND PUBLISHER'S  
AFFIDAVIT IN DUPLICATE.

For payment, please submit statement in duplicate, accompanied  
by voucher executed in duplicate. The necessary blanks are  
enclosed.

Very truly yours,

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RRS:bsp  
cc: OCC, Hbs,NM

LEGAL ADVERTISEMENT

NOTICE OF PUBLICATION  
STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law of the following public hearings to be held September 30, 1948, beginning at 10:00 o'clock a.m. on that day in the City of Santa Fe, New Mexico. STATE OF NEW MEXICO TO:

All named parties in the following cases and notice to the public:  
Case No. 157

In the matter of application of Skelly Oil Company for a special order authorizing dual completion for oil and gas production from two separate zones from a single well bore of its No. 1, Mexico "D" lease located in the center of NE 1/4 SE 1/4 of Section 36, Township 23 South, Range 36 East, N.M.P.M., in the Langlie-Mattix Pool, Lea County, New Mexico.

Case No. 158

In the matter of application of Buffalo Oil Company for an order granting permission to drill an unorthodox

location designated as Well No. 20-A, to be located 25 feet north and 25 feet west of southeast corner of SW 1/4 NW 1/4 of Section 21, Township 17 South, Range 36 East, N.M.P.M., on its Balish "A" federal lease in the Maljamar Pool in Lea County, New Mexico.  
Given under the seal of the Oil Conservation Commission of New Mexico at Santa Fe, New Mexico on September 17, 1948.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION  
By R. R. SPURRIER,  
Secretary  
Sept. 20, 1948

Affidavit of Publication

I, Will Harrison, being first duly sworn, declare and say that I am the (Business Manager) (Editor) of the Santa Fe New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto attached, was published in said paper once each week for one time consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement once each week for one time weeks consecutively, the first publication being on the 20th day of September, 1948 Monday the Monday of 19; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

PUBLISHER'S BILL

43 lines, one time at \$ 4.30

lines, times, \$

Tax \$

Total . . . . \$ 4.30

Received payment,

By

Will Harrison

Editor Business Manager

Subscribed and sworn to before me this 20th

day of September, A.D., 1948

Anna K. Ormsbee

Notary Public

My Commission expires

June 14, 1949

## AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea

I, Robert L. Summers

Of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a period of \_\_\_\_\_

One Issue weeks.

beginning with the issue dated \_\_\_\_\_

September 20, 19 48

and ending with the issue dated \_\_\_\_\_

Robert L. Summers  
Publisher.

Sworn and subscribed to before me

this 20th day of \_\_\_\_\_

September 19 48

Nellie Jones  
Notary Public.

My commission expires \_\_\_\_\_

January 7, 19 51  
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

## LEGAL NOTICES

Sept. 20, 1948

### NOTICE OF PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

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In the matter of application of Buffalo Oil Company for an order granting permission to drill an unorthodox location designated as Well No. 20-A, to be located 25 feet north and 25 feet west of the southeast corner of SW1/4NW1/4 of Section 21, Township 17 South, Range 32 East, N.M.P.M., on its Baish "A" federal lease in the Maljamar Pool in Lea County, New Mexico.

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### STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

By R. R. SPURRIER,  
Secretary.

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

17 September 1948

The Santa Fe New Mexican  
Santa Fe, New Mexico

RE: Cases 157 & 158  
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Very truly yours,

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RRS:bsp

OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

17 September 1948

Mr. Glenn Staley  
Proration Office  
Hobbs, New Mexico

Dear Glenn:

Inclosed is Notice of Publication on cases to be heard  
30 September 1948.

Very truly yours,

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RRS:bsp

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OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

17 September 1948

Mr. Foster Morrell  
U. S. Geological Survey  
Roswell, New Mexico

Dear Mr. Morrell:

Inclosed is Notice of Publication on cases to be heard  
30 September 1948.

Very truly yours,

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RRS:bsp

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OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

17 September 1948

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Y  
Honorable Thomas J. Mabry  
Governor of the State of New Mexico  
Santa Fe, New Mexico

Dear Governor Mabry:

Inclosed is Notice of Publication on cases to be heard 30  
September 1948.

Very truly yours,

---

RES:bsp

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

17 September 1948

Mr. John E. Miles  
Commissioner of Public Lands  
Santa Fe, Mexico

Dear Mr. Miles:

Inclosed is Notice of Publication on cases to be heard 30  
September 1948.

Very truly yours,

---

HRS:bsp



OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

17 September 1948

Mr. George W. Selinger  
Skelly Oil Company  
Tulsa 2, Oklahoma

Dear Mr. Selinger:

This is to advise you that your petition which is known as  
Case 157, will be heard on 30 September 1948.

Very truly yours,

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RRS:bsp

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CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

# WESTERN UNION

JOSEPH L. EGAN  
PRESIDENT

1201

SYMBOLS

DL - Day Letter  
NL - Night Letter  
C - Deferred Cable  
NLT - Cable Night Letter  
Ship Radiogram

(02)

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

.DVA223 PD=WUX TULSA OKLA 14 202P

R R SPURRIER STATE GEOLOGIST=

SEP 14 PM 2 05

OIL CONSERVATION COMM SANTA FE NMEX=

PLEASE ADVISE BY COLLECT WIRE DATE OF OUR DUAL COMPLETION  
HEARING=

GEORGE W SELINGER SKELLY OIL CO=

*Sept. 30*

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

NOTICE OF PUBLICATION  
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

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CASE NO. 158

In the matter of application of Buffalo Oil Company for an order granting permission to drill an unorthodox location designated as Well No. 20-A, to be located 25 feet north and 25 feet west of the southeast corner of SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 21, Township 17 South, Range 32 East, N.M.P.M., on its Baish "A" federal lease in the Maljamar Pool in Lea County, New Mexico.

Given under the seal of the Oil Conservation Commission of New Mexico at Santa Fe, New Mexico on September 17, 1948.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

By R. R. Spurrier  
R. R. SPURRIER, Secretary

# SKELLY OIL COMPANY

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Drawer "D"  
Hobbs, New Mexico

January 4, 1949

JAN 6 1949

Re: Case #157  
Order #801

N. M. Oil Conservation Commission  
Santa Fe, New Mexico

Gentlemen:

In compliance with order #801 of the N. M. Conservation Commission, the following report is submitted on the procedure used in dually completing Skelly Oil Company's Mexico "D" #1, located 1980' from South and East line of Section 36, Township 23 South, Range 36 East, N.M.P.M., Lea County, New Mexico.

## GENERAL:

Rotary tools: Surface to 3400'  
Cable tools : 3400' to 3590'

## CASING:

<u>Size</u>	<u>Depth</u>	<u>Amount Cement</u>
9-5/8"	1175	300 sacks
7"	3400	250 "

## GEOLOGICAL DATA:

Elevation - 3328'.

<u>Formations</u>	<u>Depth</u>
Top Anhydrite	1140
Top Yates	2900
Top Seven Rivers	3100
Total Depth	3590

## EFFECTIVE PAY (oil)

<u>Depth</u>	<u>Character</u>	<u>Thickness</u>
3440-50	dol. & ls.	10'
3455-85	dol. & ls.	30'
3515-35	dol. & ls.	20'
		<hr/> 60'

EFFECTIVE PAY (gas)

<u>Formation</u>	<u>Interval</u>	<u>Character</u>	<u>Thickness</u>
Yates	2955-70	Sand & dol.	15'
Yates	2980-95	Sand & dol.	15'
Yates	3010-30	Sand & dol.	20'
			<u>50'</u>

COMPLETION DATA:

Well was drilled to a depth of 3400', 7" casing set and cemented with 250 sacks 2% aquagel cement; 50 sacks around shoe and 200 sacks through Halliburton two-stage tool set at 2828'. Cable tools then were moved in and after stipulated wait for setting of cement, casing was tested for leaks, plug was drilled, and 1000 psi pressure applied on casing for 1 hour. The pressure remained constant, indicating effective cement shut-off. Well was then drilled to a total depth of 3590', shot with 284 quarts nitroglycerine from 3440' to 3580'. Well was cleaned out and on initial production test after shot, flowed 38 barrels pipe line oil/24 hours through 2" tubing, 1/2" choke.

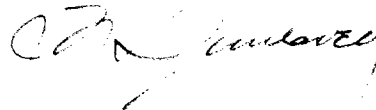
In order to effect dual completion of this well, the lower pay (Seven Rivers formation) was killed with mud, tubing pulled and 7" casing perforated from 2900' to 3000' with 260 shots. 2" tubing was run to a depth of 3426', perforations at 3423-3426, Guiberson G-2 packer set at 3126' and Otis landing nipple and side door choke at 3105'. The side door choke assembly is a specialized tool consisting chiefly of the landing nipple, side door choke, check valve, and standing valve. Arrangements of check valve, standing valve, and perforated or blank packing mandrel, in conjunction with a casing packer, effects a complete separation of fluids and gases from any two horizons, permits accurate determination of bottom hole pressures, oil and/or gas production, and gas-oil ratios from the two zones separately.

The choke assembly first was equipped with a packing mandrel perforated with two 1/4" holes, a check valve and a standing valve. The tool so equipped effected a complete separation of fluids or gases from the 2 formations, yet allowed the entrance of drilling fluid and gas in the casing annulus into the tubing through the perforated packing mandrel. With the choke equipped in this manner and set in the seating nipple, the well was swabbed through the 2" tubing until first show of gas appeared at surface. The tubing then was shut in, and casinghead opened until annulus had cleaned itself of mud. On IP, gas tested 25,000 MCF/day.

N.M. Oil Conserv. Comm.  
Jan. 4, 1949  
Page 3

The side door choke was then pulled and equipped with blank packing mandrel, the check valve and standing valve being omitted. The tool so equipped confined the gas being produced from the Yates formation to the casing annulus and fluid from the Seven Rivers formation to be confined to the tubing. After swabbing tubing, the well cleaned itself & flowed 36 barrels pipe line oil/24 hours through 1/2" choke with a tubing pressure of 60#, gas measuring 1000 MCF/day. The well was then shut in for a 24 hour period. Tubing pressure built up to 600#, and Casing pressure 1250#. At the present time the flowing tubing pressure is 50#, and shut-in casing pressure 1250#. The shut-in casing pressure remaining constant whether the tubing choke is opened or closed indicates an effective shut-off of the Seven Rivers and Yates formations.

Yours very truly,



JND:cmh

cc: Mr. J. S. Freeman  
Skelly Oil Co.  
Tulsa, Oklahoma

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STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

By R. R. Spurrier  
R. R. SPURRIER, Secretary

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a full rate telegram	
FULL RATE TELEGRAM	SERIAL
DAY LETTER	NIGHT LETTER

# WESTERN UNION

1206

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise this message will be sent at the full rate	
FULL RATE	DEFERRED
CODE	NIGHT LETTER

JOSEPH L. EGAN, PRESIDENT

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
			OIL CONSERVATION COMMISSION	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

SANTA FE, N. M.  
NOVEMBER 29, 1948

MR. GEORGE W. SELINGER  
SKELLY OIL COMPANY  
TULSA, OKLAHOMA

ORDER 785 ISSUED FOR CASE 157 NOVEMBER 19.

OIL CONSERVATION COMMISSION





# SKELLY OIL COMPANY

PRODUCTION DEPARTMENT

J. S. FREEMAN  
VICE PRESIDENT

A. A. HUNT  
GENERAL SUPERINTENDENT

TULSA 2, OKLAHOMA

November 23, 1948

H. J. GIBBONS  
CHIEF ENGINEER

G. W. SELINGER  
PRORATION ATTORNEY

J. H. MCCULLOCH  
CHIEF CLERK

Re: Case No. 157  
Dual Completion  
Skelly's Mexico "D" No. 1

Mr. R. R. Spurrier  
Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Sir:

Please refer to Case No. 157 in the matter of the application of Skelly Oil Company for a special order for dual completion for oil and gas production of its No. 1 Mexico "D" in the Langlie-Mattix Pool, Lea County, New Mexico.

This case was heard on September 30, 1948, and we have heard nothing further from the matter. Therefore, we would appreciate your advising us the status of this order.

Very truly yours,

*George W. Selinger*  
George W. Selinger

GWS:ff