

C
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P
Y

Box 1545
Hobbs, New Mexico
December 13, 1946

Mr. Carl B. Livingston
Chief Clerk & Legal Adviser
Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Malco - Caprock State No. 1, Unit N,
7-13S-32E, Caprock Field, Lea County.

Dear Mr. Livingston:

I have a copy of your letter dated December 2, 1946, regarding the above captioned well. I also have a copy of Mr. Anderson's letter in regard to the same well.

We have in our files form C-101, Notice of Intention to Drill, approved by me October 31, 1946. Also we have Form C-103, Report on Result of Test of Casing Shut-off, approved November 19, 1946. Form C-105, is also in the files.

We have, also, a file showing Malco's Sam Williams #1, Sec. 7, T 13, R 32, Caprock Field. C-101 has been filed showing this well to be in Chaves County. This well is not in Chaves County but is in Lea County and has been corrected on the other forms.

The Proration Office Completion Reports are also in our files. There are no reports being held in this office on Malco Wells.

I hope that this will clear up this matter.

Yours very truly,

Oil & Gas Inspector

ROY:cg
cc: Donald B. Anderson
Roswell, New Mexico

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

C
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P
Y

December 2, 1946

Mr. Donald B. Anderson
Malco Refineries, Inc.
Box 660
Roswell, New Mexico

Re: Malco - Caprock State No. 1, Unit N,
7-138-32E, Caprock Field, Lea County

Dear Mr. Anderson:

Reference is to your C-110 which you have submitted for approval with respect to the above captioned well.

I do not find a permit to drill this well (approved C-101) nor any well record upon Form C-105, or other reports and notices. Please check your records carefully and advise whether or not these have been submitted. I thought possibly you could have sent them to the Hobbs Office which may have withheld approval or transmittal to the Santa Fe Office by reason of some imperfection which you may have been called on to remedy.

The rules and regulations of this Commission require, as you of course know, a number of reports and notices in connection with any well. The C-110 is a sworn statement that the rules and regulations of the Commission have been complied with.

Please advise promptly - meanwhile your C-110 will be held for approval when the matters mentioned above are cleared up.

Very truly yours,

Carl B. Livingston
Chief Clerk & Legal Adviser

CBL:MSH
CC Roy Yarbrough
Bill Macey

(Checked)
C-111 app Oct. 31-46
C-105 app Dec 4-46

MALCO REFINERIES, INC.

P. O. BOX 26

ARTESIA, NEW MEXICO

December 11th, 1946

Mr. Carl B. Livingston
Chief Clerk & Legal Adviser
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Livingston:

In your letter of December 2nd, regarding our Caprock State No. 1 well, Unit M, 7-13S-32E Caprock Field, Lea County, you pointed out that you had not received a permit to drill, or any of the other well records.

These were all completed by us and forwarded to the Hobbs office, and all except the form C-105 have been returned to us approved.

I am at a loss as to say for what reason these records have been held up in Hobbs as our files show everything to be in order. I have waited to answer your letter for a few days in hopes that you would receive these records and that the matter would straighten its self out.

Since we still have not received our approved C-110 I that I had better call it to your attention, because as far as I am able to find, it is not caused by our Company having failed to submit any of the required forms.

Very truly yours,


Donald B. Anderson

CC Roy Yarbrough
Hobbs, New Mexico

SCOUT REPORT
NEW MEXICO OIL CONSERVATION COMMISSION

N	
W	E
S	

Company Major Ref. Inc.
 Farm Name Caprock State Well No. 1
 Sec. 7 Twp. 13 Range 32 County Lia
 Feet from Line: N. 660 S. E. 1980 W.
 Elevation 4399 Method B
 Contractor _____
 Spudded 10-30-46 Completed 11-29-46

**AMOUNT
CASING & CEMENTING RECORD**

Size	Feet	Inches	Sax Cement
<u>10 3/4</u>	<u>293</u>		<u>190</u>
<u>5 1/2</u>	<u>3040</u>		<u>600</u>

TUBING RECORD

PACKER

**ACID RECORD
Gals.**

	TA	TG
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TABo
	TSR	TPenn
Top Pay <u>3053</u>	TQ	TOrd

SHOOTING RECORD

No. of Quarts <u>60</u>	From <u>3052</u>	To <u>3060</u>
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

Date		Date	
<u>11-6</u>	<u>TD 3040A W/C tools</u>		
<u>11-13</u>	<u>TD 3040A W/C SR</u>		
<u>11-20</u>	<u>TD 3060 RL SD Repair</u>		
<u>11-26</u>	<u>TD 3065 S Channing out</u>		
<u>12-4</u>	<u>Long tubing</u>		
<u>12-11</u>	<u>I.P. Pump 25 BOPD</u>		
	<u>Now 2" lbg @ 3025</u>		

Place Roswell, New Mexico
Date November 29, 1946

Glenn Staley
Proration Office
Hobbs, New Mexico.

Designate UNIT well is located in

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

NOTICE OF COMPLETION OF: (Lease) Caprock State Well No. 1
660 feet from South line: 1950 feet from West line;
Section 7 Township 13 S Range 12 E.

DATE STARTED 9-29-46
DATE COMPLETED 10-29-46
ELEVATION 4321
TOTAL DEPTH S.L. 3065
CABLE TOOLS 3023 T.D. ROTARY TOOLS 0-3040

CASING RECORD

SIZE	<u>9 5/8"</u>	DEPTH	<u>296</u>	SAX CEMENT	<u>150</u>
SIZE	<u>5 1/2"</u>	DEPTH	<u>3029</u>	SAX CEMENT	<u>60</u>
SIZE		DEPTH		SAX CEMENT	

TUBING RECORD

SIZE 2" DEPTH 3025

ACID RECORD

NO. GALS
NO. GALS
NO. GALS

SHOT RECORD

NO. QTS. 60
NO. QTS.
NO. QTS.

FORMATION TOPS

Anhydrite 1358
Top Salt 1650
Base Salt 2140
Red Sand 3053 oil sand
Brown Lime
White Lime
Oil or Gas Pay
Water

Initial Production Test 5661 Pumping x Flowing
Test After Acid or Shot 25661 x

Initial GAS VOLUME

SCHEDULE NO. DATE

PIPE LINE TAKING OIL Malco Refineries, Inc.

REMARKS COMPANY Malco Refineries, Inc.

SIGNED BY: Donald B. Anderson
Donald B. Anderson

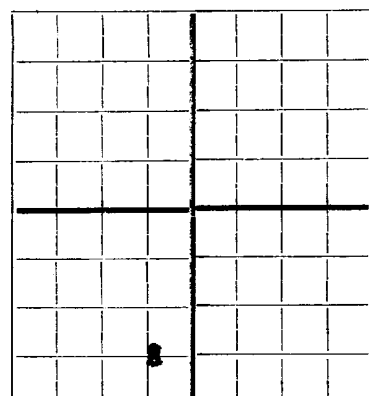
DUPLICATE

FORM C-105

N

RECEIVED
DEC 4 1946
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc. Box 660, Roswell, New Mexico
Company or Operator Address
Caprock State Well No. 1 in SE 1/4 SW 1/4 of Sec. 7, T. 13 South
R. 32 East, N. M. P. M., Caprock Field, Lea County.
Well is 4620 feet south of the North line and 3399 feet west of the East line of Section 7.
If State land the oil and gas lease is No. B-10973 Assignment No.
If patented land the owner is, Address.
If Government land the permittee is, Address.
The Lessee is Malco Refineries, Inc., Address Box 660 Roswell, New Mexico
Drilling commenced 9-29-46 19 Drilling was completed 10-29-46 19
Name of drilling contractor George P. Livermore, Inc., Address Lubbock, Texas
Elevation above sea level at top of casing 4391 feet.
The information given is to be kept confidential until 19 Not Confidential

OIL SANDS OR ZONES

No. 1, from 3053 to 3058 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to 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 to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9 5/8	40	8	Natl.	296					water
5 1/2	17	8	Natl.	3029					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11 3/4	9 5/8	296	150	pump plug		
7 3/4	5 1/2	3029	600	pump plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5" hole	dumped	liquid nitro	60 qts.	10/22-46		

Results of shooting or chemical treatment Increased production from 3 to 25 BPD

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 0 feet to 3029 feet, and from feet to feet
Cable tools were used from 3029 feet to 3065 feet, and from feet to feet

PRODUCTION

Put to producing November 30, 1946
The production of the first 24 hours was 25 barrels of fluid of which 100% was oil;
emulsion; % water; and % sediment. Gravity, Be 37.0
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Cass Dye, Driller J. Bynum, Driller
J. F. Reeves, Driller R. E. Bodine, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 30

day of November 1946

William B. M. Combs Jr.
Notary Public

My Commission expires April 22, 1950

Roswell, New Mexico November 30, 1946
Place Date

Name Donald B. Anderson

Position Donald B. Anderson, Production Manager

Representing Malco Refineries, Inc.

Company or Operator
Address Box 660 Roswell, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	293	293	Caliche & sand
293	1649	1356	Red bed and Shale
1356	1650	306	Anhydrite
1650	2140	490	Salt
2140	3032	892	Anhydrite and Shale
3032	3053	31	Anhydrite
3053	3058	5	Red Sand (oil)
3065			Total depth

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED
NOV 19 1946

HOBBS OFFICE

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Roswell, New Mexico

November 12, 1946

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Malco Refineries, Inc. Caprock State Well No. 1 in the
Company or Operator Lease
SE 1/4 of SW 1/4 of Sec. 7, T. 13 South, R. 32 East, N. M. P. M.,
Caprock Field, Lea County.

The dates of this work were as follows: November 10 to November 32, 1946

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Started drilling October 29, 1946; on October 30, 1946, set
surface pipe at 296 feet, cemented with 150 sacks. October
31, 1946, tested casing and found shut-off satisfactory.

Witnessed by Loree Evans Malco Refineries, Inc. Production Superintendent
Name Company Title

Subscribed and sworn before me this 12thI hereby swear or affirm that the information given above
is true and correct.day of November, 1946Name Donald B. Anderson
Position Donald B. Anderson, Production Manager

William B. McCord Jr.
Notary Public

Representing Malco Refineries, Inc.
Company or Operator

My commission expires April 22, 1950Address Box 660 Roswell, New Mexico

Remarks:

APPROVED

Date NOV 19 1946

Ray Harkness
Oil & Gas Inspector

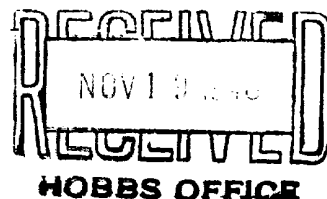
Title

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Roswell, New Mexico

November 14, 1946

Date

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

_____ Malco Refineries, Inc. Caprock State Well No. 1 in the
Company or Operator Lease
SW 1/4 of SW 1/4 of Sec. 7, T. 13 South, R. 32 East, N. M. P. M.,
Caprock Field, Lea County.

The dates of this work were as follows: 11-5-46 to 11-12-46

Notice of intention to do the work was (was not) submitted on Form C-102 on _____ 19____

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 5 1/2" casing at 3040, cemented with 600 sacks on 11-5-46.
On 11-14-46 drilled plug and found casing shut-off satisfactory.
Will drill pay with cable tools

Witnessed by Loree Evans Malco Refineries, Inc. Production Superintendent
Name Company Title

Subscribed and sworn before me this 18th I hereby swear or affirm that the information given above is true and correct.

day of November, 1946

Name Donald B. Andersen

William B. McComb Jr. Position Donald B. Andersen, Production Manager
Notary Public Representing Malco Refineries, Inc.

Company or Operator

My commission expires April 22, 1950 Address Box 660 Roswell, New Mexico

Remarks:

APPROVED

NOV 19 1946

Date.....

Roy Yachewitz
Name
Oil & Gas Inspector
Title

DUPLICATE

NEW

MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Roswell, New Mexico

October 26, 1946

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

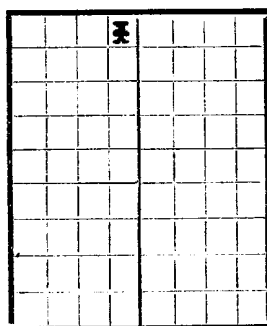
Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as
Malco Refineries, Inc. **Caprock State** Well No. **1** in **SE 1/4 SW 1/4**

of Sec. **7**, T. **13-S**, R. **32-E**, N. **M.**, P. **M.**, Lease **Caprock** Field, **Chaves** County.

N

The well is **660** feet (N.) (**SE**) of the **South** line and **1980** feet (E.) (W.) of the **West** line of **Section 7**



AREA 640 ACRES

LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: **Rotary to set oil string at approximately 3000' cable tools to drill into oil sand**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: **Blanket bond filled with N M O & G C**

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
11	8 5/8	25	new	290	cemented	150
7 7/8	5 1/2	15	new	3040	cemented	600

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **3055** feet.

Additional information:

Approved **OCT 31 1946**, 19____
except as follows:

Sincerely yours,

Malco Refineries, Inc.

Company or Operator

By **Donald B. Anderson**
Position **Donald B. Anderson, Production Manager**

Send communications regarding well to

Name **Above**
Address **Box 660 Roswell, New Mexico**

OIL CONSERVATION COMMISSION,
By **Ray Garberville**
Title **Oil & Gas Inspector**

