Form C-103
(Revised 3-55)

HOBBS OFFICE OCC

NEW MEXICO OIL CONSERVATION COMMISSION

1957 NOV 11 PM 3:47

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Graridge Corporation, Box 752, Breckenridge, Texas
(Address)

LEASE Maxwell State "A" WELL NO. 1 UNIT J S 1 T 13S R 31E

DATE WORK PERFORMED November 5, 1957 POOL Caprock Queen

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [X] Other Set liner. Make water injection well.

Detailed account of work done, nature and quantity of materials used and results obtained.

10-27-57 Set Calseal plug at top of pay at 3017'.

10-28-57 Set 124' of 4 1/2" OD 12.6# Grade J-55 seamless liner from 2893' to 3017' and cemented with 50 sacks.

10-31-57 Drilled cement plug, Calseal plug, and cleaned out open hole.

11-1-57 Shut in. Will make water injection well in next few days.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 4390 Gr. TD 3034' PBD 3034' Prod. Int. 3017-34' Compl Date 1/25/46

Tbng. Dia 2 Tbng Depth 3000 Oil String Dia 5 1/2 Oil String Depth 2998'

Perf Interval (s) None

Open Hole Interval 3017-34' Producing Formation (s) Queen Sand

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	Shut in. Will be water injection well in Ambassador Oil Company pilot water flood.	
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by Paul Holloway Graridge Corporation (Company)

OIL CONSERVATION COMMISSION

Name E. A. Fischer

Title

Date

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

Name T. A. Ford

Position Supt. of Production

Company Graridge Corporation

(Form C-110)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE 000

It is necessary that Form C-104 be approved before this form can be approved an an *initial* allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

1955 APR 4 AM 7:55

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator: Gravitge Corporation Lease: Harrell State A

Address: Box 752, Breckenridge, Texas
(Local or Field Office) (Principal Place of Business)

Unit: J, Well(s) No.: 1, Sec.: 33, T.: 22, R.: [illegible], Pool: [illegible]

County: Gaines Kind of Lease: State

If Oil well Location of Tanks: [illegible]

Authorized Transporter: Sunrise Pipe Line Company Address of Transporter: Box 337, Midland, Texas Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported: 100% Other Transporters authorized to transport Oil or Natural Gas from this unit are: None

%

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☒

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:

Lease purchased from Cooperative Producing Association effective March 1, 1955.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 31st day of March, 1955

Gravitge Corporation

By: [signature]
Production Superintendent

Title:

Approved: , 19

OIL CONSERVATION COMMISSION

By: M. E. Armstrong

Title:

(See Instructions on Reverse Side)

Form C-104
(Revised 7-1-62)

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certicate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

(a) Operating ownership changes
(a) The transporter is changed or
(c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

DUPLICATE

(Form C-102)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS NOTICES

1954 MAY 2 AM 8:00

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER) To Sandfrac	X	NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Amarillo, Texas (Place) April 30, 1954 (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Livermore-Maxwell State Cooperative Producing Association (Company or Operator) Well No. 1-A in J (Unit)

NW ¼ SE ¼ (40-acre Subdivision) of Sec. 1, T. 13S, R. 31E, NMPM., Caprock Pool

Chaves County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

We propose to clean this well out to total depth of 3034'. After thoroughly cleaning out the well, we will employ the services of Dowell, Inc. to Sand-Frac the well using 10,000 gallons of sand oil with 1# of Ottawa sand per gallon. The well is currently producing 2½ barrels of oil per day. This well was initially shot with 50 quarts of nitro from 3024'-3034'.

Approved MAY 1 1954, 19
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By L. A. Hanson
Title Gas Inspector

Cooperative Producing Association
Company or Operator
By [signature]
Position Accountant Treasurer
Send Communications regarding well to:
Name Cooperative Producing Association
Address Box 1150, Amarillo, Texas

1517 E. THIRD STREET PHONE 3-7444

HOBBS OFFICE OCC

CONSUMERS COOPERATIVES ASSOCIATED

POST OFFICE BOX 1150
Amarillo, Texas

1954 MAY 2 AM 8:00

May 1st, 1954

New Mexico Oil Conservation Commission,
P.O. Box 2045,
Hobbs, New Mexico.

Gentlemen:

Re: Attached Form C-102
Caprock Field,
Livermore-Maxwell Statel-A- J
NW¼, SE¼, Sec 1, T13S, R31E

Attached hereto is the above, executed in the original and four copies.

Please approve and return two of the copies to the undersigned at your earliest convenience.

Yours very truly,

TOM C. JONES
General Manager and Treasurer
COOPERATIVE PRODUCING ASSOCIATION.
Box 1150
Amarillo, Texas.

cc:Carper
Enc.

DUPLICATE

MAY 1 6 1950
HOBBS OFFICE

Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Cooperative Producing Ass'n. Lease Livermore Maxwell State "A"

Address P. O. Box 978 Levelland, Texas
(Local or Field Office) (Principal Place of Business)

Unit J Wells No. 1 Sec. 1 T 13S R 31E Field Caprock County Chaves

Kind of Lease Oil & Gas Location of Tanks NW¼ SE¼ 1-13-31

Transporter Service Pipe Line Company Address of Transporter P. O. Box 591
(Local or Field Office)

Tulsa, Oklahoma Percent of oil to be transported 100. Other transporters author-
(Principal Place of Business)

ized to transport oil from this unit are (None) %

REMARKS:

Formerly transported by Stanolind Pipe Line Company

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 10th day of May, 1950

Cooperative Producing Association
(Company or Operator)

By J. O. Denton Jr.

Title Assistant Treasurer

State of Texas
County of Hockley } ss.

Before me, the undersigned authority, on this day personally appeared J. O. Denton, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 10th day of May, 1950

Mary Wolfe
Mary Wolfe, Notary Public
Hockley County, Texas

Notary Public in and for Hockley County,

Approved: May 17 1950

OIL CONSERVATION COMMISSION

By Roy D. Yarbrough

OIL & GAS INSPECTOR

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

(a) Operating ownership changes

(b) The transporter is changed or

(c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Cooperative Producing Ass'n Lease Livermore Maxwell State "A"

Address P. O. Box # 978 Levelland, Texas
(Local or Field Office) (Principal Place of Business)

Unit J Wells No. 1 Sec. 1 T 13S R 31E Field Caprock County Chaves

Kind of Lease Oil & Gas Location of Tanks NW¼ SE¼ 1-13-31

Transporter Stanolind Pipe Line Co Address of Transporter P. O. Box # 591
(Local or Field Office)

Tulsa, Oklahoma Percent of oil to be transported 100. Other transporters author-
(Principal Place of Business)

ized to transport oil from this unit are (None) %

REMARKS:

This authorization to become effective September 1st, 1947

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 29th day of August, 1947

Cooperative Producing Ass'n
(Company or Operator)

By J. O. Deaton Jr.

Title Assistant Treasurer

State of Texas
County of Hockley } ss.

Before me, the undersigned authority, on this day personally appeared J. O. Deaton, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 29th day of August, 1947

Daphna Menefee

Notary Public in and for Hockley County, DAPHNA MENEFEE

Approved: Aug-31 1947

OIL CONSERVATION COMMISSION

By Roy O. Yarbrough

(See Instruction on Reverse Side)

INSTRUCTIONS

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A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

(a) Operating ownership changes

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If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

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Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator Cooperative Producing Association Lease ~~Livermore Maxwell~~ "A"

Address P. O. Box 978 (Local or Field Office) Levelland, Texas (Principal Place of Business)

Unit J Wells No. 1 Sec 1 T 13S R 31E Field Cerrock County Chaves

Kind of Lease Oil & Gas Location of Tanks NW¼ SE¼ 1-13-31

Transporter Malco Refineries, Inc. Address of Transporter Roswell (Local or Field Office)

New Mexico (Principal Place of Business) Percent of oil to be transported 100. Other transporters authorized to transport oil from this unit are (None) ____%

REMARKS:

Formerly owned by George P. Livermore, Inc., and formerly transported by Malco Refineries, Inc.

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 27th day of September, 1946.

Cooperative Producing Association
(Company or Operator)

By [signature]

Title Assistant Treasurer

State of TEXAS
County of HOCKLEY } ss.

Before me, the undersigned authority, on this day personally appeared J. O. Denton, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report it true and correct.

Subscribed and sworn to before me, this the 27th day of September, 1946

[signature]

Notary Public in and for Hockley County, G. L. Hess

Approved: [signature] 194_
OIL CONSERVATION COMMISSION

By [signature]

(See Instruction on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

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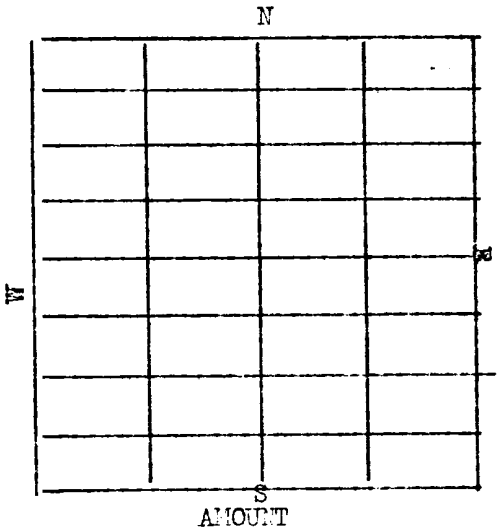
A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

SCOUT REPORT
NEW MEXICO
OIL CONSERVATION COMMISSION



Company G. P. Livermore

Farm Name Maxwell State A Well No. 1

Sec. 1 Twp. 13 Range 31 County Chaves

Feet from Line: N. 1980 S. 1980 E. W.

Elevation / Method

Contractor

Spudded Completed

AMOUNT
CASING & CEMENTING RECORD

Size	Feet	Inches	Sax Cement
8 5/8	305		150

ACID RECORD Gals.		
	TA	TG
	TX	TSA
	TCA	TGI
	BX	TYo
	TY	TAbo
	TSR	TPenn
Top Pay	TQ	TOrd

SHOOTING RECORD

No. of Quarts	From	To

No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

TUBING RECORD

PACKER

Date		Date	
1-8	T.D. 305 RB; Waiting on cement		

Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator George P. Livermore, Inc. Lease Maxwell State 1-A

Address Owens Bldg., 10th. & Ave. K (Local or Field Office) Lubbock, Texas (Principal Place of Business)

Unit J Wells No. 1-A Sec 1 T 13-S R 31-E Field Caprock County Chaves

Kind of Lease State Location of Tanks Maxwell State 1-A Lease

Transporter Valley Refining Co. Address of Transporter Roswell, New Mexico (Local or Field Office)

(Principal Place of Business) Percent of oil to be transported 100. Other transporters authorized to transport oil from this unit are _____ %

REMARKS:

None

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 28th day of February, 1946.

George P. Livermore, Inc.
(Company or Operator)

By R. C. DeWoody

Title Prod. Engineer

State of Texas
County of Lubbock } ss.

Before me, the undersigned authority, on this day personally appeared R. C. DeWoody known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report it true and correct.

Subscribed and sworn to before me, this the 1st day of March, 1946

L. Stockbrook

Notary Public in and for Lubbock County, Texas

Approved: 3-14- 1946
OIL CONSERVATION COMMISSION

By Carl B. Livingston

(See Instruction on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

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Place Lubbock, Texas
Date 3-1-46

Glenn Staley
Proration Office
Hobbs, New Mexico.

Designate UNIT well is located in "J"

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

NOTICE OF COMPLETION OF; (Lease) Maxwell-State Well No. 1-A
1980 feet from South line: 1980 feet from East line;
Section 1 Township 13-S Range 31-E.

DATE STARTED 1-5-46
DATE COMPLETED 1-26-46
ELEVATION Rotary 4390
TOTAL DEPTH S.L. 3034
CABLE TOOLS 3010-3034 ROTARY TOOLS 3010

CASING RECORD

SIZE	8 5/8	DEPTH	298	SAX CEMENT	150
SIZE	5 1/2	DEPTH	2998	SAX CEMENT	600
SIZE		DEPTH		SAX CEMENT	

TUBING RECORD

SIZE 2" DEPTH 3032

ACID RECORD

NO. GALS
NO. GALS
NO. GALS

SHOT RECORD

NO. QTS. 50 qts.
NO. QTS.
NO. QTS.

FORMATION TOPS

Anhydrite 1410
Top Salt 1542
Base Salt 2132
~~Red Sand~~ Yates 2320
Brown Lime
White Lime
Oil or Gas Pay 3025
Water None

Initial Production Test 1-26-46 Pumping Flowing 20 bbls. in 24 hrs. before shot
Test After Acid or Shot Shot with 50 qts. Oil increase to 80 bbls. in 24 hrs.

Initial GAS VOLUME Small

SCHEDULE NO. DATE 3-1-46

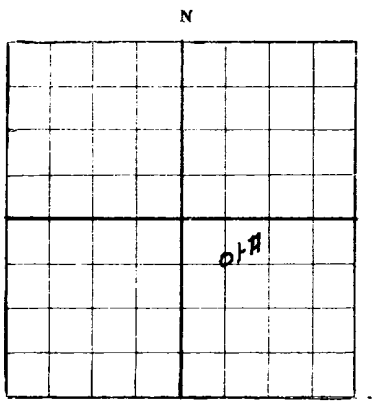
PIPE LINE TAKING OIL Valley Refining Company

REMARKS Top allowable requested.

COMPANY George P. Livermore, Inc.

SIGNED BY: Alton L. Settle

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

Santa Fe, New Mexico

RECEIVED
MAR 4
HOBBS OFFICE

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.

George P. Livermore, Inc. (Company or Operator) Owens Bldg., 10th. & Ave. K Lubbock, Texas (Address)

Maxwell-State (Lease) Well No. 1-A in NW/SE of Sec. 1, T. 13-S

R. 31-E, N. M. P. M., Caprock Field, Chaves County.

Well is 3300 feet south of the North line and 1980 feet west of the East line of Section 1.

If State land the oil and gas lease is No. B-10416 Assignment No. 3

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is J. C. Maxwell, Inc. & C. Osmond, Address Fort Worth, Texas

Drilling commenced 1-5 19 46 Drilling was completed 1-25 19 46

Name of drilling contractor George P. Livermore, Inc., Address Lubbock, Texas

Elevation above sea level at top of casing 4390 feet.

The information given is to be kept confidential until Not confidential 19____.

OIL SANDS OR ZONES

No. 1, from 3024 to 3034 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 FROM	PERFORATED TO	PURPOSE
8 5/8	25	8	Natl	298	None				Surface
5 1/2	15	10	Natl	2998	Halliburton				Production

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	298	150	Plug & Pump	- - -	- - -
7 7/8	5 1/2	2998	600	Plug & Pump	- - -	- - -

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
- -	- -	Solidified	50 qts.	1-25	3024-3034	3034

Results of shooting or chemical treatment Originally flowed 20 bbls. in 24 hrs. after shot flowed 806 bbls. in 24 hours.

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 3010 feet, and from _____ feet to _____ feet

Cable tools were used from 3010 feet to 3034 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 1-26 19 46

The production of the first 24 hours was 80 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38

If gas well, cu. ft. per 24 hours - - - Gallons gasoline per 1,000 cu. ft. of gas - - -

Rock pressure, lbs. per sq. in. - -

EMPLOYEES

Roy J. Moore (Rotary) Driller J. F. Reeves (Rotary) Driller

B. R. Allen (Rotary) Driller H. K. Dye (Cable) 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 1st. day of March 19 46

Notary Public

My Commission expires 6-1-47

Lubbock, Texas (Place) 3-1-46 (Date)

Name Elton L. Settle

Position Asst. Engineer

Representing George P. Livermore, Inc. (Company or Operator)

Address Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	Rotary Tools		
0	10	10	Surface
10	230	220	Caliche
230	590	360	Red Bed
590	934	344	Red bed & shells
934	1200	266	Red bed shells
1200	1332	132	Red Rock
1332	1410	78	Red bed, shale, & sand
1410	1542	132	Anhydrite
1542	1595	53	Salt
1595	2130	535	Salt & Shells
2130	2132	2	Salt
2132	2202	70	Anhydrite & Shale
2202	2283	81	Anhydrite
2283	2310	27	Anhydrite & Shale
2310	2330	20	Anhydrite
2330	2372	42	Yates
2372	2444	72	Anhydrite & Shale
2444	2467	23	Anhydrite
2467	2984	517	Anhydrite & Shale
2984	3010	26	Anhydrite
	Cable Tools		
3010	3020	10	Anhydrite & Red Rock
3020	3024	4	Sand & Anhydrite
3024	3034	10	Pay sand
T.D.	3034		

Geological Markers

Anhydrite	1410
Top Salt	1542
Base Salt	2132
Yates	2330
Top of Pay	3024

Deviation Tests

Depth	Degrees
305	½
630	1½
963	1½
1325	1½
2165	1
2345	1
2834	0
3010	0

Form C-102

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Lubbock, Texas (Place) 1-9-46 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the George P. Livermore, Inc. (Company or Operator) Maxwell-State (Lease) Well No. 1-A in NW/SE of Sec. 1, T. 13-S, R. 31-E, N. M. P. M., Caprock Field, _____ County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Set 8 5/8 surface casing 1-6-46.

Intend to test casing Shut-off 1-7-46.

Approved _____, 19____
except as follows:

OIL CONSERVATION COMMISSION,

By Roy Yarbrough

Title

George P. Livermore, Inc.
Company or Operator

By Allen S. Scott

Position Asst. Engineer

Send communications regarding well to

Name George P. Livermore, Inc.

Address Lubbock, Texas

Form C-102

DUPLICATE

RECEIVED
JAN 28 1946
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	X	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Lubbock, Texas (Place) 1-24-46 (Date)

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the George P. Livermore, Inc. (Company or Operator) Maxwell State (Lease) Well No. 1-A in NW/SE of Sec. 1, T. 13-S, R. 31-E, N. M. P. M., Caprock Field, Chaves County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Set 2998' of 5½ at rotary depth 3004 ft. with 600 sacks of cement. 1-23-46.

Intend to test casing shut-off by bailing test - 1-24-46

Approved JAN 28 1946, 19____
except as follows:

OIL CONSERVATION COMMISSION,
By Von Vandrough
Title Oil & Gas Inspector

George P. Livermore, Inc.
Company or Operator
By Elton S. Scott
Position Asst. Engineer
Send communications regarding well to
Name George P. Livermore, Inc.
Address Owens Bldg., 10th. & Ave. K
Lubbock, Texas

Form C-103

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			

Lubbock, Texas (Place) 1-25-46 (Date)

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 George P. Livermore, Inc. (Company or Operator) Maxwell State (Lease) Well No. 1-A in the NW/SE of Sec. 1, T. 13-S, R. 31-E, N. M. P. M., Caprock Field, Chaves County.

The dates of this work were as follows:

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on 1-24 19 46

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 2998' of 5½" pipe.

Tested with 500# pressure before & after drilling plug.

Test. o.k.

Ran temperature survey to determine top of cemant. Cement top 1290.

Witnessed by John M. Lawrence (Name) George P. Livermore, Inc. (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 25th. day of January, 19 46

D. Parkerrod (H. PARKERROAD) Notary Public

My commission expires 6-1-47

I hereby swear or affirm that the information given above is true and correct.

Name Elton S. Settle

Position Asst. Engineer

Representing George P. Livermore, Inc. (Company or Operator)

Address Lubbock, Texas

Remarks:

APPROVED

Roy Yarbrough (Name)
Oil & Gas Inspector (Title)

Form C-103

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

MISCELLANEOUS REPORTS ON WELLS

RECEIVED JAN 1 2 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	X	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		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Lubbock, Texas (Place) 1-7-46 (Date)

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 George P. Livermore, Inc. (Company or Operator) Maxwell State (Lease) Well No. 1-A in the NW/SE of Sec. 1, T. 13-S, R. 31-E, N. M. P. M., Caprock Field, Chaves County.

The dates of this work were as follows: 1-5-45

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

Began rotary drilling operation 1-5-45.

Witnessed by John Lawrence (Name) George P. Livermore, Inc. (Company) Drilling Foreman (Title)

Subscribed and sworn before me this 7th. day of January, 1946

[signature] Notary Public

My commission expires 6-1-47

I hereby swear or affirm that the information given above is true and correct.

Name Elton S. Sellers

Position Asst. Engineer

Representing George P. Livermore, Inc. (Company or Operator)

Address Owens Bldg., 10th. & Ave. K

Remarks: APPROVED JAN 12 1946 Date

Roy Yurbrough Jr. (Name)

Supervisor (Title)

Form C-101

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.

Lubbock, Texas (Place) 1-4-46 (Date)

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 George P. Livermore, Inc. (Company or Operator) Maxwell State 1-A (Lease) Well No. 1-A in of Sec. 1, T 13-S, R 31E, N. M. P. M., Caprock Field, Chaves County.

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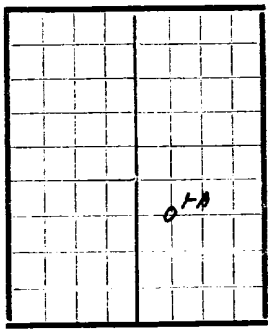

AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 1980 feet (N.) (X) of the South line and 1980 feet (X.) (W.) of the East line of Section 1

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is .....

Address .....

If government land the permittee is .....

Address .....

The lessee is .....

Address .....

We propose to drill well with drilling equipment as follows: Rotary to 2990. Cable from 2990 to 3050.

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: .....

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	300	Cemented	125
7 7/8"	5 1/2	15	Second hand	2970	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 3030 feet.

Additional information:

Temperature survey will be run on 5½" casing.

Approved JAN 7 1946, 19..... except as follows:

Sincerely yours,

George P. Livermore, Inc.
Company or Operator

By Elton L. Little

Position Asst. Engineer

Send communications regarding well to

Name George P. Livermore, Inc.

Address Lubbock, Texas

OIL CONSERVATION COMMISSION,

By Roy Yarbrough
Oil & Gas Inspector

Title .....