

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 certificate 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.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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.

AREA 640 ACRES
LOCATE WELL CORRECTLYSunray Oil Corporation
(Company or Operator)New Mexico State "D"
(Lease)Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 20, T. 12-S, R. #32-E, NMPM.North Caprock (Queens) Pool, Lea County.Well is 660 feet from North line and 660 feet from East line of Section 20. If State Land the Oil and Gas Lease No. is E-7049.Drilling Commenced November 1, 1954. Drilling was Completed November 24, 1954.Name of Drilling Contractor Cactus Drilling CompanyAddress San Angelo, TexasElevation above sea level at Top of Tubing Head 4381. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from Queens 3001 to 3025 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 Water zone at 100' to _____ feet.

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
13 3/8"	36	New	164	Tex Pat			Surface casing
8 5/8"	24	Used	1452	Tex Pat	1452		Protection
5 1/2"	15.5	New	2999	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
17"	13 3/8	164	165	Pump & Plug	Native Mud	
8"	5 1/2	2999	125	Pump & Plug	Native Mud	

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation.....

Depth Cleaned Out.....

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 1452 feet, and from feet to feet.
 Cable tools were used from 1452 feet to 3025 feet, and from feet to feet.

PRODUCTION

Put to Producing December 2, 1954
 OIL WELL: The production during the first 24 hours was 76 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 40
 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. 1400	T. Devonian	T. Ojo Alamo
T. Salt 1550	T. Silurian	T. Kirtland-Fruitland
B. Salt 2150	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3001 (oil pay)	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	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	70	70	Caliche				
70	475	405	Sand and Red beds				
475	715	240	Red beds and shells				
715	1415	700	Red beds				
1415	1485	70	Anhydrite				
1485	1545	60	Anhydrite and shale				
1545	2045	500	Salt and Anhydrite				
2045	2090	45	Salt and Potash				
2090	3001	911	Anhydrite and shale				
3001	3025	24	Queens sand				

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.

December 8, 1954 (Date)
 Company or Operator Sunray Oil Corporation Address Box 128, Hobbs, New Mexico
 Name J. A. Parry (J. A. Parry) Position or Title Field Superintendent New Mexico Area

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sunray Oil Corporation Lease New Mexico State "D"
Address Box 128 , Hobbs, New Mexico Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)
Unit A, Well(s) No. 1, Sec 20, T. 12-S, R. 32-E, Pool North Caprock (Queens)
County Lea Kind of Lease: oil and Gas State
If Oil well Location of Tanks Unit E, Sec 21, T12-S, R/1-E.
Authorized Transporter Cities Service Oil Company (Trucks) Address of Transporter
Roswell, New Mexico Bartlesville, 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:

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

Executed this the _____ day of December 8, 19 54

Sunray Oil Corporation

Approved _____, 19 _____

OIL CONSERVATION COMMISSION

By S. G. Stanley

By J. A. Parry (J. A. Parry)

Title Field Superintendent N. Mex. Area.

Title _____

(See Instructions on Reverse Side)

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

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoREQUEST FOR (OIL) - (~~GAS~~) ALLOWABLENew 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 QUADRUPLICATE 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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, N. Mex.

Dec. 8, 1954

(Place)

(Date)

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

Sunray Oil Corporation

N.M. State D

Well No. 1

in NE

NE

(Company or Operator)

(Lease)

A

Sec. 20

T. 12-S

R. 32-E

NMPM,

North Caprock - Queen

Pool

(Unit)

Lee

County. Date Spudded

Nov. 1, 1954

Date Completed

Nov. 24, 1954

Please indicate location:

			X

Elevation 4378.70 Gr
4380.70 DF

Total Depth

3025

P.B.

3025

Top oil/gas pay 3001

Prod. Form. Queen Sand

Casing Perforations: Open Hole

or

Depth to Casing shoe of Prod. String

3003'

Natural Prod. Test

76

BOPD

based on 76

bbls. Oil in

24

Hrs

Mins.

Test after acid or shot

No treatment

BOPD

Based on

bbls. Oil in

Hrs

Mins.

Gas Well Potential

Size choke in inches

Date first oil run to tanks or gas to Transmission system

Dec. 2, 1954

Transporter taking Oil or Gas

Cities Service Oil Co. (by trucks)

Remarks: 13-3/8 casing cemented to surface

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

Approved: Dec 8, 1954

Sunray Oil Corporation

(Company or Operator)

OIL CONSERVATION COMMISSION

By:

Title

Supt. N. Mex. Area

Send Communications regarding well to:

Name

Sunray Oil Corporation

Address

Box 128, Hobbs, N. Mexico.

By:

Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

November 22, 1954

(Date)

Hobbs, N. Mex.

(Place)

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

Sunray Oil Corporation

(Company or Operator)

N. Mex. State D.

(Lease)

Cactus Drilling Co.

(Contractor)

Well No. 1 in the NE 1/4 NE 1/4 of Sec. 20

T. 12-S, R. 32-E, NMPM, North Caprock-Jusen Pool, Lea County.

The Dates of this work were as follows: November 18, 1954

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

(Cross out incorrect words)

and approval of the proposed plan (was) (~~was not~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Ran and Set 5-1/2" OD 15.50# J-55 Casing at 2999.20'. Cemented with 175 sx portland cement using Halliburton single top plug method. 30' of cement left in casing. Casing was tested to 1000 psi 30 hrs after completion, w/ no pressure drop.

The 8-5/8" casing was pulled from behind the 5-1/2" casing after the cement had set.

Witnessed by: Robbie McCarroll

(Name)

Cactus Drilling Co.

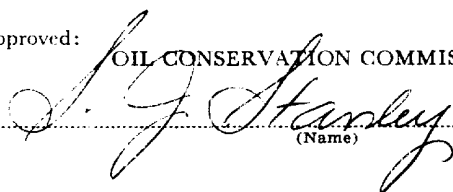
(Company)

Tool Pusher

(Title)

Approved:

OIL CONSERVATION COMMISSION



(Name)

(Title)

(Date)

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

Name: 

Position: Supt., N. Mex. Area

Representing: Sunray Oil Corporation

Address: Box 128, Hobbs, N. Mex.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

November 6, 1954
(Date)Hobbs, N. Mex.
(Place)

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

Sunray Oil Corporation
(Company or Operator)N. Mex. State "DN"
(Lease)Cactus Drilling Company
(Contractor)

Well No. 1 in the NE 1/4 NE 1/4 of Sec. 20

T. 12-S, R. 32-E, NMPM, North Caprock # 1 Pool, Lea County.

The Dates of this work were as follows: Nov. 5, 1954

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,
(Cross out incorrect words)

and approval of the proposed plan (was) ~~not~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

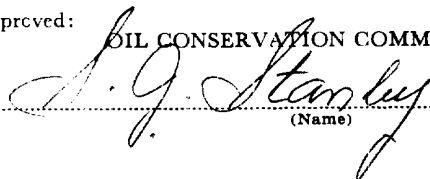
8-5/8"OD casing was set at 1452.33' in Red Bed. A Texas Pattern Shoe was used on bottom and oil emulsion mud was spotted around and behind casing.

Casing was tested by bailing hole dry.

This casing will be pulled after 5-1/2" production string is set and cemented.

Witnessed by: Robbie McCarroll
(Name)Cactus Drilling Co.
(Company)Tool Pusher
(Title)

Approved: OIL CONSERVATION COMMISSION



(Name)

(Title)

(Date)

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

Name: 

Position: Field Supt.

Representing: Sunray Oil Corporation

Address: P.O. Box 128, Hobbs, N. Mex.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

November 1, 1954
(Date)Hobbs, N. Mexico
(Place)

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

Sunray Oil Corporation
(Company or Operator)N. Mexico State "D"
(Lease)Cactus Drilling Company
(Contractor)

Well No. 1 in the NE 1/4 NE 1/4 of Sec. 20

T. 12-S., R. 32-E., NMPM., North Caprock-Ussen Pool, Lea County.

The Dates of this work were as follows: November 1, 1954

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled 17-1/4" hole to 170'. Set 13-3/8" OD 36#, Armco Spiral Weld Slip Joint casing at 163.75' with Texas Pattern Shoe on bottom.

Well was cemented with 165 sacks of common cement treated w/6% Gel. Cement was circulated to the top of the annulus with Halliburton using single plug method. Plug was left at 130'.

Casing was tested to 1000# with water, using rig pump, after 18 hours. There was No pressure drop.

Witnessed by: Robbie McCarroll (Name) Cactus Drilling Co. (Company) Tool Pusher (Title)

Approved: OIL CONSERVATION COMMISSION

S. J. Stanley
(Name)

(Title)

(Date)

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

Name: Sunray Oil Corporation *J. J. Stanley*

Position: Field Supt.

Representing: Sunray Oil Corporation

Address: Box 128, Hobbs, N. Mex.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion 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 QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, N. Mexico.
(Place)

October 28, 1954
(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

Sunray Oil Corporation

(Company or Operator)

N. Mex. State "D"
(Lease)

Well No. 1, in A (Unit). The well is

located 660' feet from the North line and 660 feet from the

East line of Section 20, T. 12-S, R. 32-E, NMPM.

(GIVE LOCATION FROM SECTION LINE) North Caprock-Queen Pool, Lea County

If State Land the Oil and Gas Lease is No. E-7049

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Rotary tools to 1450'
and Cable Tool to total depth @ approx. 3030'

The status of plugging bond is Approved

Drilling Contractor Cactus Drilling Company
San Angelo, Texas

We intend to complete this well in the Queen Sand formation at an approximate depth of 3030' feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
<u>17"</u>	<u>13-3/8"</u>	<u>36#</u>	<u>New</u>	<u>160'</u>	<u>165 sx.w/6% Gel.</u>
<u>11"</u>	<u>8-5/8"</u>	<u>24#</u>	<u>Used</u>	<u>1450'</u>	<u>None.</u>
<u>8"</u>	<u>5-1/2"</u>	<u>15#</u>	<u>New</u>	<u>3005'</u>	<u>200 sx.</u>

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

After setting and cementing the 5-1/2" casing, the 8-5/8" casing will be pulled.

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

By L. J. Stanley

Title

Sincerely yours,

Sunray Oil Corporation
(Company or Operator)

By J. L. Perry

Position Field Supt.

Send Communications regarding well to

Name Sunray Oil Corporation

Address P.O. Box 128

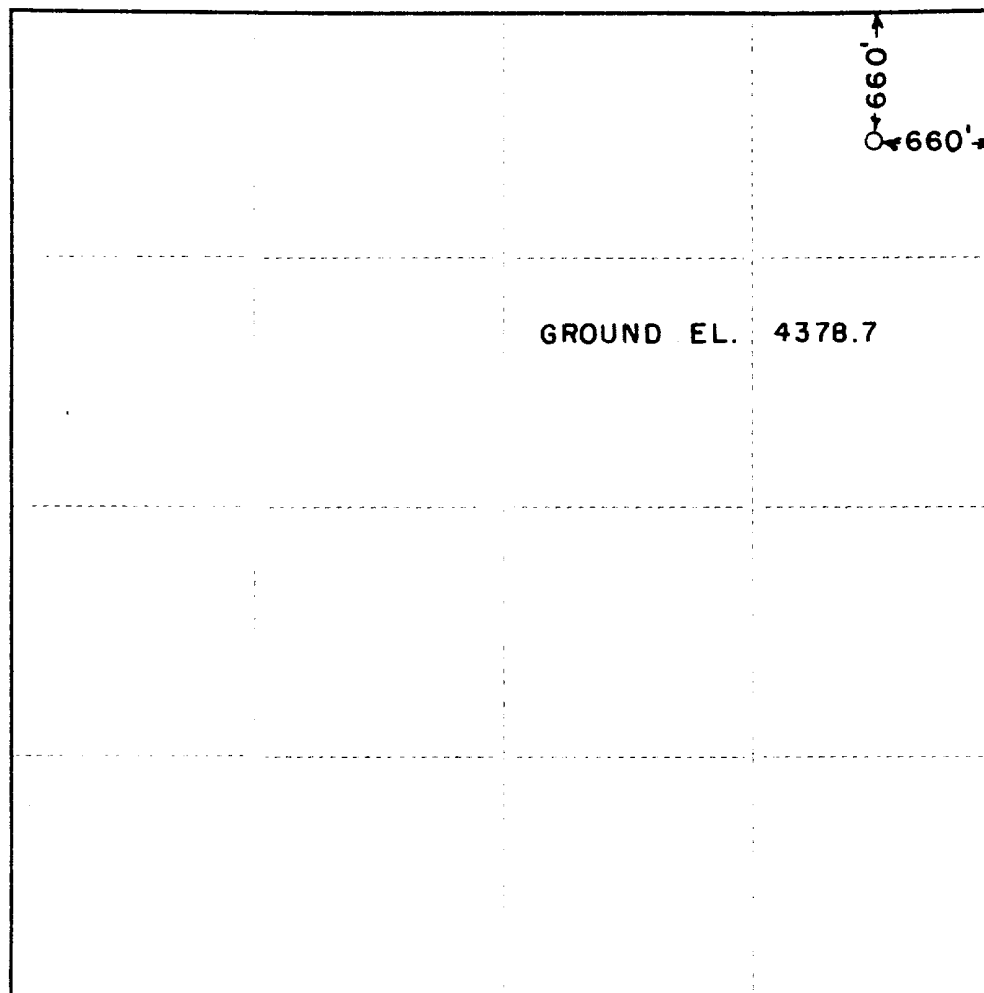
Hobbs, N. Mex.

WELL LOCATION SURVEY PLAT

OPERATOR SUNRAY OIL CORP

LEASE NEW MEXICO STATE "D"

WELL NO. 1



SEC. 20 , TWP. 12 S., RGE. 32 E., N.M.P.M.

I HEREBY CERTIFY THAT THIS PLAT WAS MADE
FROM NOTES TAKEN IN THE FIELD BY ME AND
THAT THE SAME IS TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John W. West

JOHN W. WEST, PE & LS NO. 676

10 - 29 - 1954