

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease Harry Leonard "F"

Well No. 9 Unit Letter Q S 2 T 21-S R 37-E Pool Terry Blinbery

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit Q S 2 T 21-S R 37-E

Authorized Transporter of Oil or Condensate Shell Pipe Line

Address Hobbs, New Mexico

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Skelly Oil Corporation - Gasoline Plant

Address Unice, New Mexico

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Part used on lease, part sold

Reasons for Filing: (Please check proper box) New Well ( )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other (X)

(Give explanation below)

Remarks:

**Formerly designated Harry Leonard "F" 31**

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

Executed this the 19 day of July 19 55

By B. F. Taylor

Approved JUL 28 1955 19 55

Title Area Supt. of Prod.

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By M. L. Armstrong  
Oil & Gas Inspector

Address Box 2167, Hobbs, New Mexico

Title \_\_\_\_\_

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

10-10-54 10:05

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease Harry Leonard "F"

Address Box 2167, Hobbs, N. M. Fort Worth, Tex.  
(Local or Field Office) (Principal Place of Business)

Unit Q, Well(s) No. 31, Sec. 2, T. 21-S, R. 37-S, Pool Terry-Hinchey

County Lea Kind of Lease: State

If Oil well Location of Tanks on lease

Authorized Transporter Shell Pipeline Co. Address of Transporter

Hobbs, N. M. Houston, Tex.  
(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.....%

REASON FOR FILING: (Please check proper box)

NEW WELL.....  CHANGE IN OWNERSHIP.....   
CHANGE IN TRANSPORTER.....  OTHER (Explain under Remarks).....

REMARKS:

**\*Formerly designated Harry Leonard "A"**

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

Executed this the 7th day of October 1954

Approved....., 19.....  
Gulf Oil Corporation

OIL CONSERVATION COMMISSION

By [Signature]  
Title Area Supt, of Prod.

By.....  
Title.....

(See Instructions on Reverse Side)

## INSTRUCTIONS

This form shall be executed and filed in QUADRUPPLICATE 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.

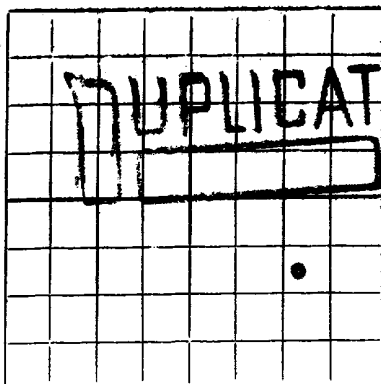
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (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 CORRECTLY  
LONG SECTION

Gulf Oil Corporation  
(Company or Operator)

Harry Leonard "A"  
(Lease)

Well No. 31, in NW 1/4 of SE 1/4, of Sec. 2, T. 21-S, R. 37-E, NMPM.

Terry-Blinabry Pool, Lea County.

Well is 1650 feet from South line and 990 feet from East line of Section 2. If State Land the Oil and Gas Lease No. is B-1732.

Drilling Commenced May 22, 1953. Drilling was Completed August 3, 1953.

Name of Drilling Contractor Fran Drilling Co.

Address P. O. Box 727, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3942'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5810' to 5981' 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	294'				
8-5/8"	28#	New	3005'				
5-1/2"	17#	New	6007'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	309'	350			
11"	8-5/8"	3099'	1575			
7-7/8"	5-1/2"	6019'	600			

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/1000 gals mud acid by Cardinal Chemical

Hydrafraced w/1500 gals Hydrafrac Gal by Halliburton 8215-8195'

Hydrafraced w/1500 gals Hydrafrac Gal by Halliburton 7925-7975'

Acidized w/2000 gals 15% NE Acid by Cardinal Chemical 5975-5930'

Acidized w/ 5000 gals 15% NE Acid by Cardinal Chemical 5975-5930- & 5909-5810'.

Result of Production Stimulation

Swabbed 24 bbls oil, 34 bbls acid water in 4 hours. Well kicked off and flowed 59 bbls oil,

70 bbls acid water thru 2-3/8" tubing 3/4" choke in 17 hrs. 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 8470' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing August 1, 1953

OIL WELL: The production during the first 24 hours was 126 barrels of liquid of which 100 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I. Gravity 37.0

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.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson <u>7720'</u>	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee <u>7924'</u>	T. Menefee.....	
T. Queen <u>3545'</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres <u>4150'</u>	T. Granite.....	T. Dakota.....	
T. Glorieta <u>5370'</u>	T. ....	T. Morrison.....	
T. Drinkard.....	T. ....	T. Penn.....	
T. Tubbs <u>6370'</u>	T. ....	T. ....	
T. Abo.....	T. ....	T. ....	
T. Penn <u>7615'</u>	T. ....	T. ....	
T. Miss.....	T. ....	T. ....	

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12.62		Distance from Top Kelly Drive Bushing to Ground		3567		Anhydrite
	45		Caliche		7397		Lime
	1334		Red Bed		7610		Lime & Shale
	1546		Red Bed, Anhydrite, Red Rock		7628		Shale
	1560		Anhydrite & Gyp		7713		Lime & Shale
	2543		Anhydrite & Salt		7752		Shale
	2938		Anhydrite		7778		Shale & Gyp
	2950		Sand		7795		Shale
	2960		Anhydrite		7817		Shale & Lime
	2971		Sand		7907		Shale
	3099		Anhydrite		8392		Shale & Sand
	3100		Shale		8413		Shale
	3174		Anhydrite		8470		Shale & Sand
	3357		Anhydrite & Lime				

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.

August 12, 1953

(Date)

Company or Operator Gulf Oil Corporation

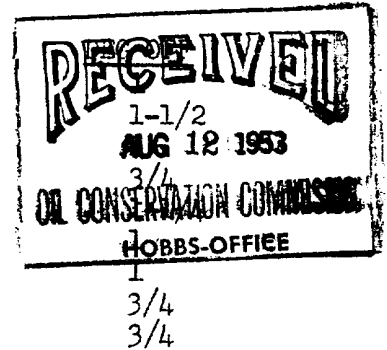
Address Box 2167, Hobbs, New Mexico

Name D. W. Asherson

Position or Title Asst. Area Prod. Supt.

DEVIATIONS - TOTCO SURVEYS

<u>DEPTH</u>	<u>DEG OFF</u>	<u>DEPTH</u>	<u>DEG OFF</u>	<u>DEPTH</u>
200	3/4	3100	3/4	6060
300	1/2	3500	3/4	6070
925	3/4	3760	3/4	6230
1500	1	4070	1/2	6740
1750	3/4	4290	1/2	7150
2025	1/4	4735	1-1/4	7333
2300	1/2	4960	1	7600
2600	3/4	5180	1-1/2	7850
2850	3/4	5670	1-3/4	7940



DRILL STEM TESTS

No. 1, 6-25-53 - Misrun

No. 2, 6-26-53 - Misrun

No. 3, 6-26-53 - 1-1/2 Hour Johnston DST from 7828-8045' with 5/8" choke at 7803' - Packers at 7822' & 7828' - Bombs at 8041' & 8043' - Tool opened 12:10 AM 6-26-53 - Medium blow air 15 minutes, decreased thruout test - Recovered 350' drilling mud no show oil or gas - HP 4000# - FP 325# - 15 minute BHP 425#.

No. 4, 6-27-53 - Misrun

No. 5, 6-29-53 - 1 Hour Johnston DST from 8270-8310' with 5/8" choke at 8245' - Packers at 8263' & 8270' - Bombs at 8307' & 8309' - Tool opened 2:25 PM 6-29-53 - Fair blow air, dead in 50 minutes - Recovered 330' fluid, 60' drilling mud, 270' salt water - No show oil or gas - HP 4125# - FP 325# - 15 Minute BHP 2300#.

No. 6, 7-5-53 - 1-1/2 Hour Johnston DST from 8430-8470' with 3/4" choke at 8406' - Packers at 8424' and 8430' - Bombs at 8467' and 8469' - Tool opened 9:30 AM 7-5-53 - Medium blow air thruout test - Recovered 2250' fluid, 360' drilling mud, 1890' salt water, slightly gas cut - HP 4000# - FP 925-1250#.

No. 7, 7-8-53 - 1-1/2 hour Howco DST from 8215-8195' with 5/8" choke at 8162' - Packer at 8190' - Bombs at 8188-8166' - Tool opened 12:10 PM 7-8-53 - Fair blow air 45 minutes, weak blow 25 min., dead 20 min. - No gas or fluid to surface - Recovered 360' drilling mud slightly gas cut, no oil or water - HP 3775# - FP 60-115# - 15 minute BU 1800#.

No. 8, 7-8-53 - 2 Hour Halliburton DST from 8115-8215' with 5/8" choke at 8096' - Packers at 8110' - Bombs at 8120' and 8100' - Tool opened 11:40 PM 7-8-53 - No gas or fluid to surface - Fair blow air thruout test - Recovered 930' slightly gas and oil cut drilling mud, cut 5% oil, no water - HP 3780# - FP 70-385# - 15 minute BU 1160#.

**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
AUG 4 1953  
OIL CONSERVATION COMMISSION  
BOSS-OFFICE

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned any complete for Gas well. Submit this form in QUADRUPPLICATE.

**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

Company or Operator... Gulf Oil Corporation ..... Lease... Harry Leonard "B" .....

Address... Hobbs, New Mexico ..... Fort Worth, Texas .....  
(Local or Field Office) (Principal Place of Business)

Unit... Q ..... Well(s) No... 31 ..... Sec... 2 ..... T. 21-S ..... R. 37-E ..... Pool... Terry-Hlinebry .....

County... Lea ..... Kind of Lease: State .....

If Oil well Location of Tanks... On Lease .....

Authorized Transporter... Shell Pipe Line Co. ..... Address of Transporter

..... Hobbs, New Mexico ..... Houston, Texas .....  
(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:

**It is requested that this well be placed in the Proration Schedule effective August 1, 1953.**

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

Executed this the... 4th ..... day of..... August ..... 1953 .....

Approved..... AUG 5 1953 ..... 19.....  
..... Gulf Oil Corporation .....

OIL CONSERVATION COMMISSION  
By... [Signature] .....  
Title... Engineer District 1 .....

By... [Signature] .....  
Title... Asst. Area Prod. Supt. .....

## INSTRUCTIONS

This form shall be executed and filed in QUADRUPPLICATE 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

**DUPLICATE**

REQUEST FOR (OIL) - (GAS) ALLOWABLE

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 QUADRUPPLICATE to the same District Office to which Form C-104 was submitted. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed within the calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well which is reported into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

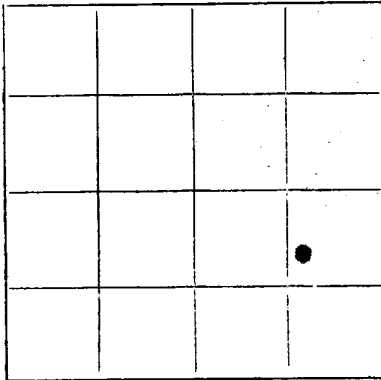
**RECEIVED**  
Oil and Gas Well  
Recompletion  
August 4, 1953  
OIL CONSERVATION COMMISSION  
DISTRICT OFFICE  
DOBBS

Hobbs, New Mexico (Place) August 4, 1953 (Date)

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

Gulf Oil Corporation (Company or Operator) Harry Leonard "A" (Lease), Well No. 31, in N  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,  
G (Unit), Sec. 2, T. 21-S, R. 37-E, NMPM., Wink Ferry-Elmhurst Pool  
Lea County. Date Spudded May 22, 1953, Date Completed August 1, 1953

Please indicate location:



Long Section

Elevation 3492' Total Depth 2470', P.B. 5921'

Top oil/gas pay 9210' Prod. Form Line

Casing Perforations: ~~5921-5930'~~, 5975-5930' and 5905-5820' or

Depth to Casing shoe of Prod. String

Natural Prod. Test

based on bbls. Oil in Hrs. Mins. BOPD

Test after acid or shot 126 BOPD

Based on 126 bbls. Oil in 24 Hrs. Mins.

Gas Well Potential

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system: August 1, 1953

Transporter taking Oil or Gas: Shell Pipe Line Co.

Remarks: It is requested that this well be placed in the production schedule effective August 1, 1953.

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved AUG 5 1953, 1953

OIL CONSERVATION COMMISSION  
By: [Signature]  
Title Engineer District I

Gulf Oil Corporation  
(Company or Operator)  
By: [Signature]  
(Signature)  
Title Asst. Area Prod. Supt.  
Send Communications regarding well to:  
Name Gulf Oil Corporation  
Address Box 2167, Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

**RECEIVED**  
JUL 31 1953  
OIL CONSERVATION COMMISSION

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, 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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	
				<b>PLUG BACK</b>	<b>X</b>

July 29, 1953 (Date) Hobbs, New Mexico (Place)

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

Gulf Oil Corporation (Company or Operator) Harry Leonard "A" (Lease)

Fran Drilling Co. (Contractor), Well No. 31 in the NE 1/4 SE 1/4 of Sec. 2

T. 21-S., R. 37-E., NMPM., Here Pool, Lea County.

The Dates of this work were as follows: July 22-26-1953

Notice of intention to do the work (yes) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan (yes) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set Baker 5-1/2" Model "N" cast iron bridge plug at 7300' and dumped 2 sacks cement on plug by Welox. Reran jet cutter by Dialog & cut 5-1/2" casing at 7095'. Pulled 220 jts. 7050' of 5-1/2" J-55 17#, 15.50# & 14# casing. Spotted 70 sacks cement, plug from 6200-5980' w/20# jts 6205' 2-3/8" tubing. Ran 7-7/8" bit on 4-1/2" drill pipe, found top cement plug at 6097'. Spotted 40 sacks reg neat cement from 6097' to 6020'. Ran 7-7/8" bit on 4-1/2" drill pipe, found top cement plug at 5996'. Drilled off to 6020'.

Witnessed by J. E. Martin (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

*J. E. Martin* (Signature)  
Engineer District 1 (Title) AUG 4 1953 (Date)

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

Name: *J. E. Martin*  
Position: Asst. Area Prod. Supt.  
Representing: Gulf Oil Corporation  
Address: Box 2167, Hobbs, New Mexico

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

**RECEIVED**  
JUL 31 1953  
OIL CONSERVATION COMMISSION

**MISCELLANEOUS REPORTS ON WELLS**

Submit this report in **TRIPLICATE** to the District Office, Oil Conservation Commission, within 10 days after the work is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, 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	<b>X</b>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

July 30, 1953  
(Date)

Hobbs, New Mexico  
(Place)

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

Gulf Oil Corporation (Company or Operator) Harry Leonard "A" (Lease)

Fran Drilling Co. (Contractor), Well No. 31 in the NE 1/4 SE 1/4 of Sec. 2

T. 21-S., R. 37-E., NMPM, Mars Pool, Lea County.

The Dates of this work were as follows: July 26-28-1953

Notice of intention to do the work (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**

Ran 188 jts plus cut jt 6007' of 5-1/2" OD 15.50# & 14# J-55 SS casing w/5 Weatherford centralisers & 28 scratchers from 6019-5650'. Set & cemented at 6019' w/600 sacks 4% slow set cement. Plug at 5983'. Gulf Temp survey after 10 hrs showed top cement behind 5-1/2" casing at 2400'.

After waiting over 36 hrs. tested 5-1/2" casing with 1000# for 30 min, no drop in pressure.

After approval of Mr. Yarbrough, State Oil & Gas Inspector, preparations were made to complete well.

Witnessed by: Glenn Stash (Name) Gulf Oil Corporation (Company) Drilling Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

*S. J. Stanley*  
(Name)

Engineer District 1  
(Title)

AUG 4 1953  
(Date)

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

Name: *Wm. C. Shuman*

Position: Asst. Area Prod. Supt.

Address: Box 2167, Hobbs, New Mexico

Address: Box 2167, Hobbs, New Mexico

**RECEIVED**  
JUL 31 1953  
OIL CONSERVATION COMMISSION  
HOBBES OFFICE

**DUPLICATE**

**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		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	<b>PERFORATING X</b>

July 30, 1953  
(Date)

Hobbs, New Mexico  
(Place)

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

Gulf Oil Corporation  
(Company or Operator)

Harry Leonard "A"  
(Lease)

Fran Drilling Co.  
(Contractor)

Well No. 31 in the NE 1/4 SE 1/4 of Sec. 2

T. 21-S, R. 37-E, NMPM, Hare Pool, Lea County.

The Dates of this work were as follows: July 28, 1953

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**

**Perforated 5-1/2" casing by Western Co. from 5975-5930' & 5905-5810' with 4, 1/2" jet holes per foot.**

Witnessed by: Glenn Stach Gulf Oil Corporation Drilling Foreman  
(Name) (Company) (Title)

Approved: **OIL CONSERVATION COMMISSION**  
[Signature]  
(Name)  
**Engineer District 1**  
(Title)  
AUG 4 1952  
(Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name: [Signature]  
Position: Asst. Area Prod. Supt.  
Representing: Gulf Oil Corporation  
Address: Box 2167, Hobbs, New Mexico