

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, 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) INSTALLING PUMPING UNIT XX	

March 19, 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)Bateman & Whitlitt
(Contractor)

Well No. 20 in the NE 1/4 SE 1/4 of Sec. 2

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

The Dates of this work were as follows: March 12 - 17, 1953

Notice of intention to do the work (was) ~~checked~~ submitted on Form C-102 on February 20, 1953, 19and approval of the proposed plan (was) ~~checked~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Installed Parkersburg pumping unit w/60 HP Gas Engine. Ran 270 joints 8209' of 2-7/8" tubing. Tubing set at 8223', seating nipple at 8188', perforations 8169' to 8192'. Ran Rods and pump.

RESULTS: Pumped 112 1/2 bbls oil and 44 bbls water in 24 hours thru tubing. 6 x 120" SPH. Gas volume too small to measure. GOR none. Allowable before installing pumping equipment none - new well. Allowable after installing pumping equipment 105 bopd.

Witnessed by G. O. Baysinger
(Name)Gulf Oil Corporation
(Company)Foreman
(Title)

Approved:

OIL CONSERVATION COMMISSION

Roy Yarbrough
(Name)

(Title)

(Date)

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

Name

Position

Representing

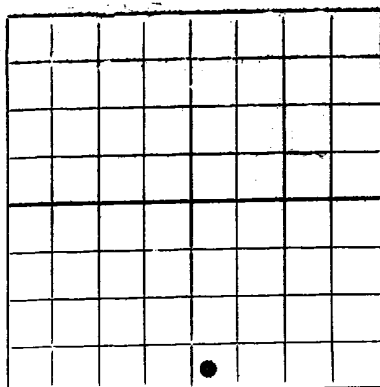
Address

Area Prod. Supt.

Gulf Oil Corporation

Box 2167, Hobbs, New Mexico

N.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

MAR 20 1953

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

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Well No. 20, in NE 1/4 of SE 1/4, of Sec. 2, T. 21-S, R. 37-E, NMPM.

Brunson

Pool,

Lea

County.

Well is 2982.8' feet from South line and 2317' feet from East line

of Section 2-21a-37e. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced 11-16-52, 19... Drilling was Completed 1-28-53, 19...

Name of Drilling Contractor Fran Drilling Company

Address Box 2727, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3499'. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 8150' to 8238' 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	256'				
8-5/8"	28#	NEW	2983'				
5-1/2"	14-15#-20#	NEW	8243'			8180' - 8150'	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
17-1/4"	13-3/8"	272'	300	HONCO		
11"	8-5/8"	2998'	1700	HONCO		
7-7/8"	5-1/2"	8258'	675	HONCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/2000 gallons 15% NE Acid by Cardinal Chemical

Acidized w/3000 gallons 15% NE Acid by Cardinal Chemical

Acidized w/4000 gallons 15% NE Acid by Cardinal Chemical

Acidized w/8000 gallons 15% NE Acid by Cardinal Chemical

Result of Production Stimulation Swabbed 236 bbls oil & 123 bbls water in 21 hrs. Swabbed 237 bbls oil & 82 bbls water in 24 hrs. Swabbed 239 bbls oil & 86 bbls water in 24 hrs. Flowed & Swabbed 65 bbls oil & 39 bbls water in 8 hours. Depth Cleaned Out...

1. 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 8285' feet, and from PBTB 8238' feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 1, 1953, 19

OIL WELL: The production during the first 24 hours was 239 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 43.3

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.	1420'	T. Devonian.		T. Ojo Alamo.	
T. Salt.		T. Silurian.		T. Kirtland-Fruitland.	
B. Salt.		T. Montoya.		T. Farmington.	
T. Yates.	2740'	T. Simpson.		T. Pictured Cliffs.	
T. 7 Rivers.		T. McKee.	7780'	T. Menefee.	
T. Queen.		T. Ellenburger.	8155'	T. Point Lookout.	
T. Grayburg.		T. Gr. Wash.		T. Mancos.	
T. San Andres.	4255'	T. Granite.		T. Dakota.	
T. Glorieta.	5370'	T.		T. Morrison.	
T. Drinkard.		T.		T. Penn.	
T. Tubbs.	6340'	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'	74'		Surface Sand & Caliche		8144		Sand & Shale
	656		Red Bed		8150		Shale
	1170		Red Bed & Red Rock		8161		Shale & Lime
	1512		Anhydrite		8162		Lime
	2759		Salt & Anhydrite		8171		Shale
	2787		Anhydrite		8101		Shale, Sand & Lime
	2869		Anhydrite & Gyp		8125		Sand & Lime
	2964		Anhydrite		8135		Shale
	2975		Sand		8158		Shale & Lime
	3197		Anhydrite		8178		Lime
	7163		Lime		8186		Lime, Chert & Sand
	7203		Lime & Shale		8285		Lime
	7711		Lime		8238		PLUGGED BACK TOTAL DEPTH
	7783		Lime & Shale				
	7791		Lime				
	7885		Sand				
	7915		Sand & Shale				
	7949		Shale				
	7974		Shale & Sand				
	8002		Shale				
	8058		Shale & Sand				
	8093		Shale				
	8103		Sand				
	8120		Shale & Sand				
	8132		Shale				

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.

March 19, 1953

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167 Hobbs, New Mexico

Name R. M. ...

Position or Title Asst. Area Prod. Supt.

DRILL STEM TESTS

No. 1 - 12-5-52 - 2 Hour Johnston Drill Stem Test from 5800-5925' with 5/8" choke at 5780' - Packers at 5792' and 5800' - Bombs at 5923' and 5921' - Tool opened 2:45 AM 12-5-52 - No gas, medium blow air, gradual decrease to weak blow at end of test - Recovered 258' oil and gas cut drilling fluid, cut 5% oil, no water - Hydrostatic Pressure 2550# - Flowing Pressure 0# - 15 minute BHP 135#.

No. 2 - 12-10-52 - 2 Hour Johnston Drill Stem Test from 6714-6840' with 5/8" choke at 6691' - Packers 6707' and 6714' - Bombs 6836' and 6838' - Tool opened 5:25 AM 12-10-52 - Gas to surface in 23 minutes, too small to measure - No fluid - recovered 475' fluid, 355' oil and gas cut drilling mud, cut 15% oil, 120' salt water - Hydrostatic Pressure 3250# - Flowing Pressure 150# - 15 minute BHP 810#.

No. 3 - 12-23-52 - 3 Hour Halliburton Drill Stem Test from 7758-7878' with 5/8" choke at 7725' - Packers at 7750' and 7758' - Bombs at 7731' and 7876' - Tool opened 5:25 PM 12-23-52 - Used no blanket - Gas to surface in 4 minutes, 24 hour rate 359,800 cu.ft. - Mud to surface in 21 minutes, clean oil to surface in 30 minutes - Flowed 126.84 bbls of 45.5 gravity oil and no water in 3 hours - Bled off 11 bbls oil and reversed out 5½ bbls oil, 5 bbls oil and gas cut drilling mud - Hydrostatic Pressure 3690# - Flowing Pressure, initial 1260#, final 1290# - 15 minute BHP 2330#.

No. 4 - 12-31-52 - 2 Hour Halliburton Drill Stem Test from 7945-8070' with 5/8" choke at 7913' - Packers at 7945' and 7937' - Bombs 8068' and 7920' - Tool opened 10:34 AM 12-31-52 - Used no blanket, medium blow for duration - Gas to surface in 58 minutes, too small to measure - No fluid to surface - Recovered 418' fluid 152' of gas cut drilling mud and 266' of oil and gas cut drilling mud, cut 10% oil no water - Hydrostatic Pressure 3750# - Flowing Pressure, initial 100#, final 130# - 15 minute BHP 92-#.

No. 5 - 1-3-53 - 2 Hour 45 minute Halliburton Drill Stem Test from 8099-8150' with 5/8" choke at 8069' - Packers at 8091' and 8099' - Bombs at 8078' and 8148' - Tool opened 2:45 AM 1-3-53 - Gas to surface 6 minutes, 178,700 cu.ft. - No fluid - Recovered 2184' fluid, 200' oil and Gas cut mud, cut 80% oil, 1984' clean oil 40.7 gravity, no water - Hydrostatic Pressure 3930# - Flowing Pressure 515# - 15 minute BHP 2425#.

No. 6 - 1-8-53 - 3 Hour Halliburton Drill Stem Test from 8155-8225' with 5/8" choke at 8123' - Packers at 8147' and 8155' - Bombs at 8129' and 8223' - Tool opened 1:50 PM 1-8-53 - Gas to surface in 30 minutes, 1,300 cu.ft. thruout test - Recovered 365' fluid, 100' drilling mud cut 10% oil, 265' mud cut oil 50%, no water - Hydrostatic Pressure 4400# - Flowing Pressure 90# - 15 minute BHP 1660#.

No. 7 - 1-10-53 - 1 Hour Johnston Drill Stem Test from 8224-8250' with 5/8" choke at 8202' - Packers 8216'-8224' - Bombs 8246'-8258' - Tool opened 11:59PM 1-9-53 - Very weak blow air 9 min and dead 51 min - Recovered 15' drilling mud, cut 3% oil, no water - Hydrostatic Pressure 4075# - Flowing Pressure 0# - 15 min BHP 0#.

DEVIATIONS - TOTCO SURVEYS

<u>DEPTH</u>	<u>DEG.OFF</u>	<u>DEPTH</u>	<u>DEG.OFF</u>
260'	1	4280	1/4
400	1-1/4	4650	1/4
630	1	4890	1/4
906	1/2	5290	1/4
1150	1/4	5560	1/4
1650	1/2	6191	1/2
1900	1/2	6350	1/2
2400	1	6760	1/2
2750	1	7070	1/2
2900	1-1/4	7225	1/2
3270	3/4	7380	1/2
3605	1/2	7590	1
3780	1/4	7720	1-1/4

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved and 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 Gulf Oil Corporation Lease Harry Leonard "A"
Address Box 2167, Hobbs, New Mexico Fort Worth, Texas
(Local or Field Office) (Principal Place of Business)
Unit 1, Well(s) No. 20, Sec. 2, T. 21-S, R. 37-E, Pool Brunson
County Lee Kind of Lease: State

If Oil well Location of Tanks On Lease

Authorized Transporter Shell Pipe Line Company 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:

**Request that this well be placed in the Proration Schedule
effective March 1, 1953.**

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

Executed this the 17th day of March, 1953 19

Approved 3 - 18, 1953

OIL CONSERVATION COMMISSION
By Roy O. Yundt
Title Director

Gulf Oil Corporation
By W. H. Sherman
Title Asst. Area Prod. Supt.

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 MexicoREQUEST FOR (OIL) - ~~NEW~~ ALLOWABLE

New Well

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, New Mexico

March 17, 1953

(Place)

(Date)

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

Gulf Oil Corporation

Harry Leonard "A", Well No. 20

in NE 1/4 SE 1/4

(Company or Operator)

(Lease)

0

(Unit)

Sec. 2

T. 21-S

R. 37-E

NMPM.

Brunson

Pool

Lea

County. Date Spudded 11-16-52

Date Completed March 1, 1953

Please indicate location:

Elevation 3499' Total Depth 8285' P.B. 8238'

Top oil/gas pay 8155' Prod. Form 8155'

Casing Perforations: 8180'-8150' or

Depth to Casing shoe of Prod. String 8258'

Natural Prod. Test Stripped 66 bbls lead oil in 8 hours. BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot Stripped 239 bbls Oil BOPD

Based on 239 bbls. Oil in 24 Hrs. 0 Mins.

Gas Well Potential

Size choke in inches NO

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

Transporter taking Oil or Gas: Shell Pipe Line Company

Long Section

Casing and Cementing Record

Size Feet Sax

Size	Feet	Sax
13-3/8"	256'	300
8-5/8"	2983'	1700
5-1/2"	8243'	675

Remarks: Request that this well be placed in the Proration Schedule effective March 1, 1953. This drilling unit contains 40 acres.

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

Approved 3-18, 1953

OIL CONSERVATION COMMISSION

By: Roy Yuckrough

Title

Gulf Oil Corporation

(Company or Operator)

By: R. M. Shanon

(Signature)

Title Asst. Area Prod. Supt.

Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in **TRIPPLICATE** 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)		NOTICE OF INTENTION (OTHER) INSTALL PUMP UNIT XX	

OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO

Hobbs, New Mexico
 (Place)

February 20, 1953
 (Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Harry Leonard "A"

Gulf Oil Corporation

(Company or Operator)

Well No. 20 in 0
 (Unit)

NE 1/4 SE 1/4 of Sec. 2, T. 21-S, R. 37-E, NMPM., Brunson Pool

(40-acre Subdivision)

Lea County.

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

**Propose to install pumping equipment in an effort to obtain
 production.**

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

Approved
 OIL CONSERVATION COMMISSION

By Noy Quirhrough

Title.....

Gulf Oil Corporation
 Company or Operator

By R. M. Shue

Position Area Prod. Supt.
 Send Communications regarding well to:

Name Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

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) ACIDIZING	XX

February 20, 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 Company
(Contractor)

Well No. 20 in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 2

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

The Dates of this work were as follows: February 10 - 17, 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

Acidized w/8000 gallons 15% NE acid by Cardinal Chemical thru tubing. Injection rate 100 GPM, time 1 hour 35 minutes. TP 1500-500#. Casing packer 1700-1000#. Flushed w/35 bbls oil.

RESULTS: Swabbed 52 bbls oil 61 bbls water in 12 hours. Swabbed 132 bbls oil 167 bbls water in 24 hours. In 21 hours swabbed 236 bbls oil 123 bbls water. In 24 hours swabbed 237 bbls oil 82 bbls water. In 21 hours swabbed 196 bbls oil 103 bbls water. In 24 hours swabbed 239 bbls oil 86 bbls water. In 8 hours swabbed and flowed 65 bbls oil 39 bbls water.

Witnessed by W. G. Cagle
(Name)

Gulf Oil Corporation
(Company)

Drilling Foreman
(Title)

Approved: OIL CONSERVATION COMMISSION

Noy Yashrough
(Name)

(Title)

(Date)

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

Name R. S. S. S.

Position Asst. Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

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) ACIDIZING	XX

February 20, 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 Company
(Contractor)

Well No. 20 in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 2

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

The Dates of this work were as follows: February 4-7, 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

Acidized w/4000 gallons NE acid thru tubing by Cardinal Chemical. Average injection rate 130 GPM, time 48 minutes. TP 2400-2600#. Casing packer 2000#. Flushed w/33 bbls oil.

RESULTS: Swabbed 41 bbls oil 80 bbls acid water in 8 hours. Swabbed 63 bbls oil 145 bbls acid water in 24 hours. Swabbed 64 bbls oil 142 bbls water in 24 hours

Witnessed by W. G. Cagle
(Name)

Gulf Oil Corporation
(Company)

Drilling Foreman
(Title)

Approved:

OIL CONSERVATION COMMISSION

Roy Yuhraugh
(Name)
(Title)
(Date)

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

Name R. L. Emerson

Position Asst. Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

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 PLUG BACK & (Other) PERFORATE	XX

February 20, 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 Company
(Contractor)

Well No. 20 in the NE 1/4 SE 1/4 of Sec. 2

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

The Dates of this work were as follows: February 8, 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

Ran 4 1/2" Baker wire line #33 formation bridge plug, set at 8265' and #2 plug set at 8261'. Dumped 1 1/2 sack cement on top 2nd plug. WOC 3 hours. Checked top of cement at 8238'.

Perforated 5 1/2" casing w/4, jet holes per foot by Welox from 8180' to 8150'.

Witnessed by W. G. Cagle Gulf Oil Corporation Drilling Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

ROY YANBROUGH
(Name)
OIL & GAS
(Title)
(Date)

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

Name: R. L. Mason
Position: Asst. Area Prod. Supt.
Representing: Gulf Oil Corporation
Address: Box 2167, Hobbs, New Mexico