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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-1732	
7. Unit Agreement Name	
8. Farm or Lease Name	
Harry Leonard (NCT-C)	
9. Well No.	
12	
10. Field and Pool, or Wildcat	
Drinkard	
12. County	
Lea	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPER OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
Box 670, Hobbs, New Mexico 88240
4. Location of Well
UNIT LETTER A, 660 FEET FROM THE North LINE AND 410 FEET FROM THE East LINE, SECTION 26 TOWNSHIP 21-S RANGE 36-E N.M.P.M.
15. Elevation (Show whether DF, RT, CR, etc.)
3504' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

Abandoned Arrowhead, drilled deeper,
installed liner and completed in Drinkard.

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6800' TD, 6766' PB.

Pulled producing equipment. Squeezed Arrowhead perforations 3674' to 3793' with 300 sacks of Class C cement containing .3% Halad 22 and 5# salt per sack. WOC 24 hours. Cleaned out and tested squeezed perforations with 600#, 30 minutes, OK. Drilled 6-1/4" hole to 6800'. Ran 28 joints, 906' of 4-1/2" OD 11.60# K-55 LT&C liner. Set bottom at 6798' with top at 5883'. Cemented with 150 sacks of Class H cement containing 1.25% CFR-2. Cement circulated around top of liner. WOC 48 hours. Cleaned out and tested liner with 4,000#, 30 minutes, OK. Perforated Drinkard zone in liner with 4, 1/2" JHPF at 6534-36', 6579-81', 6616-18', 6656-58', 6686-88' and 6713-15'. Ran treating equipment and treated new perforations with 6,000 gallons of 15% NE acid and frac with 10,000 gallons of gel water and 25,000 gallons containing 1 to 2# SPB. Flushed with 48 barrels of gel brine. Treated Blinbry perforations 5528' to 5999' with 3,000 gallons of 15% NE acid. Flushed with 29 barrels of gel brine. Ran rods and pump and pumped Blinbry zone approximately 30 days. Pulled equipment. Ran packer and 2-3/8" tubing and set packer at 5990' with 8,000# tension. Ran rods and pump and placed Drinkard zone on production. (Blinbry zone is isolated in tubing - casing annulus).

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

SIGNED C.R. Korybawa TITLE Project Petroleum Engineer DATE April 1, 1976

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

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TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

Operator Gulf Oil Corporation	
Address Box 670, Hobbs, New Mexico 88240	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Drilled deeper and completed in Drinkard
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

If change of ownership give name and address of previous owner As per previous owner

Lease Name Harry Leonard (NCT-C)		Well No. 12	Pool Name, including Formation Drinkard	Kind of Lease State, Federal or Fee	State	Lease No. B-1732
Location						
Unit Letter	A	660	Feet From The	North	Line and	410
			Feet From The	East		
Line of Section	36	Township	21-S	Range	36-E	NMPM, Lea County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS	
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Texas-New Mexico Pipeline Company	Box 1510, Midland, Texas 79701
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Warren Petroleum Corporation	Box 1589, Tulsa, Oklahoma 74100
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
N 36 21-S 36-E	Yes April 1, 1976

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA	
Designate Type of Completion - (X)	Oil Well Gas Well New Well Workover Deepen Plug Back Same Res'v. Diff. Res'v.
XX	XX
Date Recompleted 1-28-76	Date Compl. Ready to Prod. 1-28-76
Elevations (DF, RKB, RT, GR, etc.) 3504' GL	Name of Producing Formation Drinkard
Perforations 6534' to 6715'	Top Oil/Gas Pay 6534'
	Tubing Depth 5990'
	Depth Casing Shoe 6798'
TUBING, CASING, AND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE
12-1/4"	9-5/8"
8-3/4"	7"
6-1/4"	4-1/2"
	2-3/8"
DEPTH SET	SACKS CEMENT
1230'	300 sacks (Circulated)
5999'	465 sacks (TOC at 2310')
6798', top at 5883'	150 sacks (TOC at 5883')
5990'	

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 1-28-76	Date of Test 3-31-76	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure ---	Casing Pressure ---	Choke Size 2"
Actual Prod. During Test 94 barrels	Oil-Bbls. 90	Water-Bbls. 4	Gas-MCF ---

GAS WELL		Corrected Gravity 39.6	
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

C.R. Karschwa
(Signature)
Project Petroleum Engineer
(Title)
April 1, 1976
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____

BY [Signature]

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

WELL NAME AND NUMBER Harry Leonard (NCT-C) Well No. 1

LOCATION 660' FNL and 410' FEL. Sec 36 - 21S- 36E
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR GULF OIL CORPORATION

DRILLING CONTRACTOR Eunice Well Servicing, Co.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1° @ 6324'</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4° @ 6783'</u>	<u> </u>	<u> </u>	<u> </u>
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Drilling Contractor Eunice Well Servicing Co.

By *[Signature]*

Subscribed and sworn to before me this 22 day of January, 1976

My Commission Expires:
08 02 78

[Signature]
Notary Public
Lea County, New Mexico