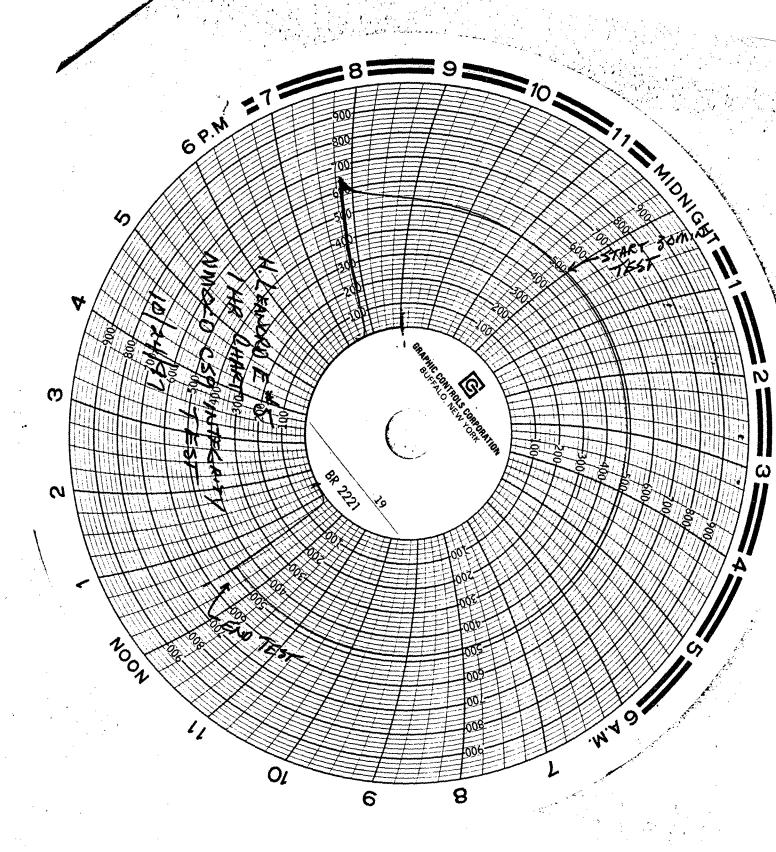
Submit 3 Copies to Appropriate District Office

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

District Office			
<u>DISTRICT I</u> P.O. Box 1980, Hobbs NM 88241-1980	OIL CONSERVAT		WELL API NO.
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, N	М 87505	30 - 025 - 06624 5. Indicate Type of Lease
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			STATE X FEE
(DO NOT USE THIS FORM FOR PRO DIFFERENT RESEF (FORM C-	CES AND REPORTS ON W PPOSALS TO DRILL OR TO DEEP RVOIR. USE "APPLICATION FOR I 101) FOR SUCH PROPOSALS.)	EN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
1. Type of Well: OIL GAS WELL WELL	OTHER		HARRY LEONARD (NCT-E)
2. Name of Operator Chevron U.S.A. Inc.			8. Well No. 5
3. Address of Operator P.O. Box 1150, Midland, TX	79702		9. Pool name or Wildcat DRINKARD
4. Well Location Unit Letter H: 2310	Feet From The NORT	H Line and 33	30 Feet From The EAST Line
Section 16	Township 21S 10. Elevation (Show wh	Range 37E ether DF, RKB, RT, GR, et	NMPM LEA County
11. Check Ap	propriate Box to Indica	te Nature of Notice,	, Report, or Other Data
NOTICE OF IN	ITENTION TO:	SUE	BSEQUENT REPORT OF:
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON CHANGE PLANS	REMEDIAL WORK COMMENCE DRILLING CASING TEST AND CE	
OTHER:		OTHER: TA'D	X
	rations (Clearly state all pertinent		ntes, including estimated date of starting any proposed
POH W/TBG. LOCATED CSG SET CR @ 3860'; SQZD W/7 @ 2973', TSTD CSG 500#. OK. DRLD CR & CMT 3860' TSTD ANN - HELD OK. EST. CMT @ 3830'; DRLD 3830'- 500# 30 MIN - HELD OK.	5 SX CL "C" 1200#, RVRSE TAGGED CMT @ 2705'; DRL -3965', TSTD 300#, BLED AB INJ RATE. SQZD W/150	D 2705'-3015'. TSTD TO 0# IN 10 SEC. SE SX CL "C" 2500#, CI	OTTED 25 SX CL "C" O CSG 300# 15 MIN - ET CR @ 3860', IRC 2 BBLS. TAGGED
TA'D 10/24/97			
		This Approval a Abandonment Exp	of Temporary pires 4/50/2003
I hereby certify that the information above is to SIGNATURE	tye and complete to the best of my know	ledge and belief. TITLE TECHNICAL ASSIS	STANT DATE 3/10/98
TYPE OR PRINT NAME J. K. RIPLEY	<u> </u>		TELEPHONE NO. (915)687-7148
(This space for State Use)	??/.`	DISTRICT 1 SUPE	ERVISOR 42 3 使 1998



Submit 3 Copies to Appropriate District Office

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

District Office	Consider the State of the Constitution of the	
DO D 1000 W 11 NO COO 41 1000	ATION DIVISION	WELL API NO.
F.O.	Box 2088 Mexico 87504-2088	30-025-06624
P.O. Drawer DD, Artesia, NM 88210	2000	5. Indicate Type of Lease STATE X FEE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410		6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS O	N WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DIFFERENT RESERVOIR. USE "APPLICATION (FORM C-101) FOR SUCH PROPOSA	FOR PERMIT"	7. Lease Name or Unit Agreement Name
1. Type of Well: OIL GAS WELL WELL OTHER	SI	HARRY LEONARD (NCT-E)
2. Name of Operator		8. Well No.
Chevron U.S.A. Inc. 3. Address of Operator		9. Pool name or Wildcat
P.O. Box 1150, Midland, TX 79702		DRINKARD
4. Well Location Unit Letter H : 2310 Feet From The	NORTH Line and 33	30 Feet From The EAST Line
Section 16 Township 21S	Range 37E	NMPM LEA County
	ow whether DF, RKB, RT, GR, etc	
11. Check Appropriate Box to In	dianta Natura of Nation	Percet or Other Pete
11. Check Appropriate Box to In NOTICE OF INTENTION TO:	1	SEQUENT REPORT OF:
NOTICE OF INTENTION TO.		
PERFORM REMEDIAL WORK PLUG AND ABANDON	REMEDIAL WORK	L ALTERING CASING L
TEMPORARILY ABANDON CHANGE PLANS	COMMENCE DRILLING	OPNS. L PLUG AND ABANDONMENT L
PULL OR ALTER CASING	CASING TEST AND CE	
OTHER:	OTHER: TA'B	·Shet · IN
12. Describe Proposed or Completed Operations (Clearly state all per work) SEE RULE 1103.	tinent details, and give pertinent da	ites, including estimated date of starting any proposed
POH W/TBG. RAN SCRAPER TO 5293'; FOUNI 6425'. PPD 200 BBLS FLUID. TRIED TO I DRINKARD (HOLE IS PROBABLY IN AREA OF S	PRESS TO 500#-COULD NOT;	PRESSURE ON CSG WAS COMING FROM
WORK PERFORMED 7/1/97 - 7/7/97		
I hereby certify that the information above is true and complete to the best of m	v knowledge and helief	
SIGNATURE OK, Riples	TITLE TECHNICAL ASSIS	STANT DATE 8/19/97
TYPE OR PRINT NAME J. K. RIPLEY	THE TECHNICAL ASSIS	TELEPHONE NO. (915)687-7148
(This space for State Use)		(725)607 7240
an a In	Geologis	. Aug 2 2 1997
APPROVED BY MINISTANIA	THILE SECTION 13	DATE

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-10 Revised February 10, 199

Instructions on back Submit to Appropriate District Offic 5 Copie

PO Pox 1980, Hobbs, NM 88241-1980 District II **OIL CONSERVATION DIVISION** 811 S. 1st Street, Artesia, NM 88210-2834 P.O. Box 2088 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

District I

Santa Fe, NM 87504-2088 35 DE 233 HM 8 5 AMENDED REPORT

PO Box 2088, Sant	a Fe, NM	87504-2088					•	JU DL		1-1	AIVIE	NDED REFOR
I.		REQUE	ST FOR	ALLOWAR	BLE A	AND AU	JTHO	RIZAT	ION TO TR	ANSI	PORT	
		10	perator name	and Address					2 (GRID N	umber	
Chevron U.S		c.							4323		EFFEC	TIVE 1-1-94
P.O. Box 11		_							³ Rea	son for l	Filing Co	ode
Midland, T	K 7970 API Numb			 		5 Pool Na	ma	 	Remove	extra		00# 0709930 Pool Code
						- FOOI Na	IIIC					rooi Code
	025 - 066 operty Cod					Drinka						19190
·		16				Property N		-			y w	ell Number
	002669	no T conti			narr	y Leonar	d NCI-	<u> </u>				5
UL or lot no.	Section	ce Locati	DII Range	Lot. Idn	Faat f	rom the	North/S	South Line	Feet from the	I Part (N)	est line	<u> </u>
H H	16	- 1	- -									County
11		m Hole I		l	1	2310]N(orth	330	<u> </u> Ea	st	Lea
UL or lot no.	Section			Lot. Idn	Feet f	from the	North/S	South Line	Feet from the	Fact/N	est line	County
02 01 101 1101		.					110111111	Journ Line	1 oot mountino	Last	Cot IIIIO	County
12 Lse Code	13 Prod	ucing Method	Code 14 Ga	s Connection Date	15	C-129 Pen	mit Numb	per 10	C-129 Effective	Date	17 C-	1 129 Expiration Date
S		SI		01/07/95	Ì						}	
III. Oil an	id Gas	Transpo	rters									
18 Transporter			Transporter Na		Т	20 POD		21 O/G	•	D ULST		on
OGRID			and Address							and Desc	<u> </u>	
024650		arren Pet				28065	75	G				930; please
	0.5400.00000000000000000000000000000000	.O. Box 1 ulsa, OK						100				ately; gas PO(: H-16-21-37
00000	_			peline Co.	368	07000	4.0		3/10 200037		. LUC	. 11-10-21-37
022628	•	.O. Box 5	•	perme co.	3533	07099	10	0				
	200200000000000000000000000000000000000	enver, CO							L.	ocatio	n: H	-16-21-37
processes and output feat week weapons and a	S223 0500000				20103	основан чене искол	water out the contract of the tracks	n sameonamentament				
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								#7.91270.051940 #7.5510.0510.051				
IV. Produ	iced W	ater			24	L DOD III S	TD I	Side and Dec				
1 70	טי					POD ULS	I K Locat	uon and Des	scription			
V. Well (etion Dat	a ²⁶ Ready Dat	- T		²⁷ TD		· · · · · · · · ·	²⁸ PBTD		29 p	erforations
)	D 400	- }	Tionay Dai							1	•	or torumons
30]	Hole Sie	11	31 Ca:	sing & Tubing Siz	æ	- - - - - - - - - - 	32 I	Depth Set			³ Sacks (Cement
			1									
<u> </u>			 									
			<u> </u>									
L			<u> </u>									<u> </u>
VI. Well 7 34 Date New			livery Date	36 Test Da		37 /	Test Leng		38 Tbg. Pressur	- T	30	Csg. Pressure
Date New	V Oil	Jas De	nvery Date	- Test Da	ine		rest reng	gun	1 Dg. Pressu		,	Csg. Pressure
⁴⁰ Choke Si		41	211	42 Water			43 Gas		⁴⁴ AOF		45	
Choke Si	ze		ווכ	- Water		-	" Gas	{	AOF			Test Method
46 71	· C	1	27.0		Tr	<u> </u>						
complied with a	nd that the	information		on Division have b true and complete				orco	NSERVATIO!	N DIVI	SION	
the best of my k	newledge	and belief	_		Į.	Approved	by:	Ha.	11/1/		_	
Printed name:	rong	NEXX E	g		∦	Title:		Vau		ink		
Sonja Gray			_	,			FIE	GA GA	RY W. WIN	K		
Tide: Technical A	Assista	nt.				Approval l	Date:	-LU ME	PRESENTA	ПОЕ	DEC	26 1995
Date: 12/2	1/02	<u> </u>	Phone:	915-687-734	<u>, </u>					<u></u> -		
10/0	1143		4-00==		السيا							
If this is a c	nange of c	perator fill in	the UGRID ni	imber and name o	it the pro	evious opera	itor					
l t		Previous Oner	ator Signature			Prin	ted Name	<u> </u>		Title		Deta

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE. NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

LAND OFFICE	
TRANSPORTER DIL	1 1 <u>1</u>
	R ALLOWABLE
OPERATOR	ND
AUTHORIZATION TO TRANS	PORT OIL AND NATURAL GAS
<u>I</u>	
Operator	
CHEVRON U.S.A. INC.	<u> </u>
Address	
P. O. Box 670, Hobbs, NM 88240	
Reason(s) for tiling (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	None Change Referation 7 1 05
Recompletion	Name Change Effective 7-1-85
X Change in Ownership Casinghead Gas Ca	ondensate
If change of ownership give name Gulf Oil Corp., P. O. H	Box 670, Hobbs, NM 88240
and address of previous owner	00240
II. DESCRIPTION OF WELL AND LEASE	· · ·
Lease Name Well No. Pool Name Including F	ormation Kind of Lease C Lease No
Harry Leonar & (NCT-E) 5 Wink	State, Federal or Fee State B-173
Location	
Unit Letter / :23/0 Feet From The With Lin	e and 30 Feet From The East
	- Comment
Line of Section / Township / S Range	37-E, NMPM, Sea County
•	Company Com
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	. GAS
Name of Authorized Transporter at Cil Ga Condensate	Address (Give address to which approved copy of this form is to be sent)
Twas - The Melico Hipeline Co.	Box 1510 Widland IL 79701
Name of Mutharized Transparter of Castaghead Gas ar Dry Gas	Address (Give address to which approved copy of this form is to be sent)
Marrey Retraleum Corporation	Bat 1589 In la OK 74/00
If well produces oil or liquids, Unit Seg. Twp. Rge.	Is gas actually connected? When
give location of lanks. 5 :37-E	1 Hes January 7 1975
If this production is commingled with that from any other lesse or pool,	give commissing order number:
	give committeeing order member.
NOTE: Complete Parts IV and V on reverse side if necessary.	
	OIL CONCEDVATION OF VOICE
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED
been complied with and that the information given is true and complete to the best of	
my knowledge and belief.	BY PARLY ANTON
	TITLE DISTRICT 1 SUPERVISOR
	TITLE DISTRICT T SUPEXVISOR
(Y(1))	This form is to be filed in compliance with RULE 1104.

(RDPite	
	(Signature)	
	Area Engineer	
	(Title)	

(Dose)

If this is a request for allowable for a newly drilled or despensed 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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

way \$r Carica *cccives		
HOLTUHIRTEIG :	Ī	
BANTA FE		
FILE		Ĭ
U.3.G.5.		
LAND OFFICE		
0000000	\neg	

OIL CONSERVATION DIVISION

Form C-103

1, 03174104	P. O. 80 /		Revised 19-1-7
SANTA FE FILE	SANTA FE, NEW	MEXICO 87501	
U.S.O.S.	4		5a. Indicate Type of Lease
LAND OFFICE	1		State Fon
OPERATOR]		5. State Ot; 6 Gas Lease No.
			B-/732
SUNDF	RY NOTICES AND REPORTS ON	WELLS	
LOO NOT USE THIS FOR FOR PROUSE "APPLICAT	OPOSALS TO CRILL OR TO DEFPEN OR PLUG B TION FOR PERMIT "" (FORM C-1011 FOR SUC	ACA TO A DIFFERENT RESERVOIR. H PROPOSALS.)	
, 1.			7. Unit Agreement Name
WELL WELL WELL	OTHER-		
2. Name of Operator			8. Farm or Lease Hame
Sulf Oil Core	poration		ShruLemardwcT-E
3. Address of Operator	11 // 02.		9. Well No.
P.O. Boy 670.	Hobbles nm 886	740	
4. Location of Well	·	2-2-	10. Field and Pool, or Wildcat
UNIT LETTER H. 2.	310 FEET FROM THE TOURT	LINE AND 330 PEE	FROM Winlard
0 4			
THE East LINE, SECTI	10H 16 TOWNSHIP 21S	RANGE <u>37E</u>	имрм. ()
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
			sea Milli
16. Check	Appropriate Box To Indicate N	ature of Notice, Report of	or Other Data
	NTENTION TO:	·-	UENT REPORT OF:
•	ļ ļ		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CABING TEST MID CEMENT JOB	· —
_		OTHER KIPAUN CO	<u>a</u>
OTHER		, ,	_
17. Describe Proposed or Completed Of wprk) SEE RULE 1703.	perations (Clearly state all pertinent deta	ills, and give pertinent dates, inc	luding estimated date of starting any proposed
aprily continued a visco			
0			
POH W production	vegot Set RBPQ	6465 dump 2	of frac sand
on RBP. Found les	ak) 5348'-5300' Set	Cont rotaines)	@ \$223' test Caa
500#. Pmb 200 sl	Class"C". Squeeze to	2100#. Jaacout	2 5218 Drill Prot.
+ cont retainer to	5326! Cist hole cli	an Sent sauce	30,500# AR POST, 5/2"
Cea @ 2850' W(4)	12 JH. Set cont retail	mes 1 @ 27821. De	my 250 sil Classic"
11 the 20 all + 200 st	i class "C" ment. Soi	10000 to 1000# N	20 cmt @ 2772' Dill
Cont soldings & Con	nt to 2865! Jest be	241900 500# AB	Noch mad All PRP
PON GINWIADA	oumout the Pop	180 55 RILL 70 M	CE MAN IN DEPART
Belahe, 11000 und	a closed (in) from	plote attor No	airing Con link
+ Roturning to a	Usadultion 8-8-83	The state of the s	source say seem
7			
·			
	•		
18. I hereby certify that the information	a above is true and complete to the best of	f my knowledge and belief.	
NOW KILL	**************************************	AREA ENGINEE.	R 8-9-83
(/			ALIC 1 1 1002
APPROVED BY SERVE	DIS TITLE	TRICT 1 SUPERVISOR	AUG 1 1 1983

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

DISTRIBUTION	
BANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	

OIL CONSERVATION DIVISION

DISTRIBUTION SANTA FE	P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	Form C-103 Revised 10-1-78
FILE U.S.O.S. LAND OFFICE OPERATOR		State X Fee 5. State Oi; & Gas Lease No.
SUNDRY NOTICES A	AND REPORTS ON WELLS	B-1732
1. OIL OTHER	FORM C-101) FOR SUCH PROPOSALS.)	7, Unit Agreement Name
2. Name of Operator Gulf Oil Corporation		8. Form or Lease Name Harry Leonard (NCT-E)
3. Address of Operator P. O. Box 670, Hobbs, NM 8	38240	9. Well No.
4. Location of Well	FROM THE NORTH LINE AND 330 FEET FO	10. Field and Pool, or Wildcat Drinkard
	TOWNSHIP 21S RANGE 37E NM	
15. EI	evation (Show whether DF, RT, GR, etc.)	12. County Lea
Check Appropriate B NOTICE OF INTENTION TO	Box To Indicate Nature of Notice, Report or Consumption of Subseque	Other Data INT REPORT OF:
TEMPORARILY ASANDON	PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPHS. CHANGE PLANS CASING TEST AND CEMENT JQS	ALTERING CASING PLUG AND ABANDONMENT
OTHER Repair Casing	X OTHER	
POH with production equipmen leak from RBP to surface. S necessary. Drill out cement	state all pertinent details, and give pertinent dates, included the set. Set RBP at 6470', cap with 10's set cement retainer 75' above casing retainer and cement. Test casing 5th 2-7/8" tubing, rods and pump.	sand. Locate casing leak. Cement as
18. I hereby certify that the information above is true and	complete to the best of my knowledge and belief. Area Engineer	DAYE 5-6-83
Jan a last	DISTRICT 1 SUPERVISOR	MAY 9 1983
CONDITIONS OF APPROVAL, IRANY	TITLE	DAYE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

wa. 40 Chairs acceives		
DISTRIBUTION	T	
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR	1	

OIL CONSERVATION DIVISION

 $P(x,y) = f(x) \wedge f(y)$

For	'm (- 1	03	
Rev	150	e d	19-1	- 7

:	DISTRIBUTION	P. O. BO	•		Form C-103 Revised 10-1-78
	FILE	SANTA FE, NEW	MEXICO 87501		
	U.S.O.S.	-		5a. Indicate Type o	ot Legge
	} 		·	State K	. Fee
	LAND OFFICE			5. State Oil 6 Gas	Legra No
	OPERATOR	- J			-1732
	SUND	BY NOTICES AND DEPORTS ON	WELLS	mmm	ommini.
	(DO NOT USE THIS FORM FOR PI USE "APPLICA	RY NOTICES AND REPORTS ON REPORTS ON REPORTS OF PLUG RESTORMED FOR PERMIT - " (FORM C-101) FOR SUC	WELLS PACE TO A DIFFERENT RESERVOIR. PROPOSALS.)		
1.				7, Unit Agreement	tiame
	MELL WELL SAB	OTHER.			
2. No	ime of Operator			8. Farm or Lease 1	lame
	Gulf Oil Corpor	ation		Harry Toor	nard (NCT-E)
3. Ac	dress of Operator			9. Well No.	MALE (NC) - P.)
	P. O. Box 670,	Hobbs, NM 88240		_	
4 1 6	ecation of Well	110005, Nr. 00240		10. Field and Pool	or Wildow
٦. ٢.				10. 7 1610 010 7001	, or whocut
	UNIT LETTER <u>H</u>	2310 FEET FROM THE North	LINE AND <u>330</u> ree	T FROMDrinkard	L
	THE East LINE, SECT	16 TOWNSHIP 21S	MANGE 37E	NMPM. ()	
777		15. Elevation (Show whether	DF, RT, GR, etc.)	12. County	4444444
HI			•	i i	
16.				<u>Lea</u>	<i>annini</i>
	Check	Appropriate Box To Indicate N	lature of Notice, Report	or Other Data	
	" NOTICE OF I	INTENTION TO:	SUBSEC	UENT REPORT OF:	
	-				
PERF	ORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERIN	G CASING
TEM	PORARILY ABANDON		COMMENCE DRILLING OPHS.	FLUE AND	ABANDONMENT
	OR ALTER CABING	CHANGE PLANS	CASING TEST AND CEMENT JOB	7	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
,,,,			Status Dan	ort	(X)
		<u>—</u>	OTHER SCALUS REP	011	<u> </u>
0	THER	L			•
17 F	escribe Proposed or Completed C	operations (Clearly state all pertinent dete	alls and give pertinent dates inc	cluding estimated date of su	neting any proposed
	prk) SEE RULE I 103.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	soo, and gove pertinent dates, ma	the comments and the control of the	aring any proposed
	ma . 1 - 1 - 1 - 1				
	The above well	is currently closed in; u	neconomical to produ	ce.	
			_		
			-		
	•	•		,	
				Will the street -	, of policy
				TENTRAL PROPERTY.	Francisco
		•		Min 1 an	00
				JUN 1 4 19	UZ
				لــنائـ ن	j
18.11	nereby certify that the information	above is true and complete to the best o	f my knowledge and belief.	CM. FIR PL	
	$\Omega \cap \cap$				
Lieve	(K. J.)	te	Area Engineer	6	4-82
	·	TITUE	れがシャバニニア	DATE 6-4	+=04

Expires 6/1/83

FI E G.S. L. ID OFFICE	NEW MEXICO OIL CO REQUEST F AUTHORIZATION TO TRAN
OPERATOR PRORATION OFFICE Operator	
Gulf Oil Corporation	
Reason(s) for filing (Check proper box	Change in Transporter of:
Recompletion Change to Councie to	Oil Dry Gas
If change of ownership give name	Casinghead Gas Condens
and address of previous owner	1 FASE
Lease Name	Well No. Pool Name, Including Fo
Harry Leonard (NCT-E)	5 Drinkard
Unit Letter H ; 233	10 Feet From The North Line
Line of Section 16 To	wnship 21-S Range 37-
I. DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GAS
Texas-New Mexico Pipe	line Co.
Warren Petroleum Corpo	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. G 16 21-S 37-E
•	ith that from any other lease or pool, g
V. COMPLETION DATA Designate Type of Completi	on - (X)
Date Spudded	Date Compl. Ready to Prod.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation
Perforations	
	TUBING, CASING, AND
HOLE SIZE	CASING & TUBING SIZE
V. TEST DATA AND REQUEST F	FOR ALLOWABLE (Test must be ajuable for this dep
Date First New Oil Run To Tanks	Date of Test
Length of Test	Tubing Pressure
Actual Prod. During Test	Oil-Bbls.
	
GAS WELL Actual Prod. Test-MCF/D	Length of Test
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)
I. CERTIFICATE OF COMPLIAN	ICE ·
Commission have been complied	regulations of the Oil Conservation with and that the information given e best of my knowledge and belief.

INSERVATION COMMISSION OR ALLOWABLE

Form C-104 Supersedes Old C-104 and

	FI E	A44 - 44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	AND	Effective 1-1-65			
	L ID OFFICE	AUTHORIZATION TO TRA	INSPORT OIL AND NA	TURAL GAS	:		
	TRANSPORTER OIL						
	OPERATOR GAS						
1.	PRORATION OFFICE		•				
	Gulf Oil Corporation Address						
	Box 670, Hobbs, New Mex	xico 88240					
	Reason(s) for filing (Check proper box) New Well	Change in Transporter of:	Other (Please ex	. ,			
	Recompletion	Oil Dry Ga		onnected to Warren's sy to El Paso Natural Gas			
	Change in Ownership	Casinghead Gas Conder		- 11 1000 Natural Ods			
	If change of ownership give name and address of previous owner		CALLER THE ST. CO., CHICAGO, ST. CO., CA., CA., CA., CA., CA., CA., CA., CA				
ij.	DESCRIPTION OF WELL AND I						
	Harry Leonard (NCT-E)	Well No. Pool Name, Including F		ate, Federal or Fee State	B-1732		
	Location		220		B-1732		
	Unit Letter H ; 231			Feet From The East			
	Line of Section 16 Tow	mship 21—S Range 37	-Е , NMPM,	Lea	County		
II.	DESIGNATION OF TRANSPORT Name of Authorized Transporter of Oil		· 1	which approved copy of this form is to	be sent)		
	Texas-New Mexico Pipel Name of Authorized Transporter of Cas		Box 1510, Midla Address (Give address to v	and, Texas 79701 which approved copy of this form is to	be sent)		
	Warren Petroleum Corpo	ration Unit Sec. Twp. Rge.	Box 1589, Tulsa, Oklahoma 74100				
	If well produces oil or liquids, give location of tanks.	G 16 21-S 37-E	Is gas actually connected? Yes	January 7, 1975			
	If this production is commingled wit COMPLETION DATA	th that from any other lease or pool,	give commingling order n	ımber:			
•	Designate Type of Completio	on - (X)	New Well Workover	Deepen Plug Back Same Res'	Diff. Restv		
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.			
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth			
	210 valions (DI', RRB, RI, GR, etc.)	Name of Frontening Connection	Top (5/17) Gus Puy	Tubing Depth			
	Perforations			Depth Casing Shoe			
		TUBING, CASING, AND	CEMENTING RECORD				
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEME	NT		
V.	TEST DATA AND REQUEST FO		jeer recovery of total volume pth or be for full 24 hours)	of load oil and must be equal to or ex	ceed top allow		
	OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, p	ump, gas lift, etc.}			
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size			
	Actual Prod. During Test	Oil-Bbls.	Water-Ebls.	Gas-MCF			
			<u> </u>				
	GAS WELL		·				
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate			
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-1)	Choke Size			
/I.	CERTIFICATE OF COMPLIANCE	CE	OIL CO	NSERVATION COMMISSION			
	I hereby certify that the rules and r	egulations of the Oil Conservation	APPROVED		9		
	Commission have been complied wabove is true and complete to the	ith and that the information given	BY MO	Marey			
	•		TITLE SUPERI	71837-12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	Ω		7/	filed in compliance with RULE	1104		
	13 Hanke		If this is a reques	t for allowable for a newly drilled	l or deepene		
	Area Engineer	tùre)	well, this form must be teats taken on the we	e accompanied by a tabulation of it in accordance with RULE 111.	the deviatio		
	Area Engineer (Tit	le)	All sections of the	is form must be filled out completenpleted wells.	ely for allow		
	January 8, 1975	(e)	Fill out only Sec	tions I. II. III. and VI for change r transporten or other such change	es of owner of condition		
	,	1	11				

į	SP TA FE FI E G.S. ID OFFICE TRANSPORTER OIL GAS OPERATOR	REQUEST	ONSERVATION COMMISSION FOR ALLOWABLE AND NSPORT OIL AND NATURAL	Form C-104 Supersedes Old C-104 and Effective 1-1-65 GAS			
ı.	PRORATION OFFICE Operator		Control Harry	HAS MUST NOT BE			
	Gulf Oil Corporation Address		And Page 1979 Conference of the Conference of th	1/21/95			
	Box 670, Hobbs, New M. Reason(s) for filing (Check proper box)	lexico 88240	IS CHANGED	A SECTION TO M-1070			
	New Well	Change in Transporter of:	Other (Please explain) Abandoned Wantz	Abo & Comp. in Drinkard			
	Recompletion Change in Ownership	Oil Dry Gas Casinghead Gas Conden	s 💹 Gas will be conn	ected to Warren's syste so Natural Gas Co. Acct			
	If change of ownership give name and address of previous owner						
11.	DESCRIPTION OF WELL AND I	LEASE					
	Lease Name	Well No. Pool Name, Including Fo	Ormation Kind of Leas State, Feder				
	Harry Leonard (NCT-E)	5 (Drinkard)	State, 1 each	State B-1732			
	Unit Letter H ; 2310	Feet From The North Line	e and 330 Feet From	The East			
	Line of Section 16 Tow	mship 21-S Range 37	-E , NMPM,	Lea County			
m.	DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL GA					
	Name of Authorized Transporter of Oil Texas-New Mexico Pipel		Box 1510, Midland, Re	.,			
	Name of Authorized Transporter of Casinghead Gas To or Dry Gas Address (Give address to which approved copy of this form is to be sent)						
	Warren Petroleum Corpora	Unit Sec. Twp. Rge.	Box 1589, Tulsa, Okla	homa 74100			
	If well produces oil or liquids, give location of tanks.	G 16 21-S 37-E	No				
147	If this production is commingled wit COMPLETION DATA	h that from any other lease or pool,	give commingling order number:				
17.	Designate Type of Completio	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v			
	Date Sexumid Recompleted	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.			
	11-21-74	11-21-74	8220	67071			
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Otl. XXs Pay	Tubing Depth			
	3481' GL	Drinkard	6484'	6415'			
	Perforations 6484 to 6663			Depth Casing Shoe			
	0484 60 0003	TUBING, CASING, AND	CEMENTING RECORD	7999'			
	HOLE SIZE	CASING A TUBING SIZE	DEPTH SET	SACKS CEMENT			
	17-1/4"	12-3/4"	268 '	325 sacks (Circulated)			
	11"	8-5/8"	2799'	1100 sacks (Circulated			
	7-7/8"	5-1/2" 2-7/8"	7999! 6415'	131 sacks (TOC at 754)			
V.	TEST DATA AND REQUEST FOR ALLOWABLE (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	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)			
	11-21-74	11-25-74 Tubing Pressure	Flow Casing Pressure	Choke Size			
	Length of Test 24 hours	600#	Casting Pressure	20/64"			
	Actual Prod. During Test	Oil-Bbis.	Water-Ebls.	Gas-MCF			
	44	42	2	1168			
	GAS WELL						
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate			
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size			
VI.	CERTIFICATE OF COMPLIANO	CE		ATION COMMISSION			
	P. Barratan areaster stores at a second second	amilations of the Oil Community	APPROVED DE	1 47 4			
	I hereby certify that the rules and r Commission have been complied w	with and that the information given	1 0: A.	16 -			
	above is true and complete to the	best of my knowledge and belief.	DIL &	at comments			

(Signature)

(Title)

Area Engineer

November 27, 1974

EVATION COMMISSION LLOWABLE

<u> </u>	1168
Bbls. Condensate/MMCF	Gravity of Condensate
Cosing Pressure (Shut-in)	Choke Size
OU CONSERVA	ATION COMMISSION
APPROVED DE	
BY Leslie H.	lements
TITLE DIL G	Samuela, k
If this is a request for allow	compliance with RULE 1104. wable for a newly drilled or deepened unied by a tabulation of the deviation rdance with RULE 111.
All sections of this form mu able on new and recompleted we	est be filled out completely for allowells.
Fill out only Sections I, I well name or number, or transpor	I, III, and VI for changes of owner, ter, or other such change of condition.

N . OF COPIES RECEIVED			Form C-103			
DISTRIBUTION	Supersedes Old C-102 and C-103					
SANTA FE	RVATION COMMISSION	Effective 1-1-65				
FILE						
U.S.G.S.			5a. Indicate Type of Lease			
LAND OFFICE			State XX Fee.			
OPERATOR	J		5. State Oil & Gas Lease No.			
			B-1732			
SUNDR (DO NOT USE THIS FORM FOR PRI USE "APPLICAT	RY NOTICES AND REPORTS ON W Prosals to drill or to deepen or plug bac tion for permit -" (form C-101) for such i	ELLS K TO A DIFFERENT RESERVOIR. PROPOSALS.)				
I. OIL GAS WELL L	OTHER.		7. Unit Agreement Name			
2. Name of Operator			8. Farm or Lease Name			
Gulf Oil Corporation	1		Harry Leonard (NCT-E)			
3. Address of Operator			9. Well No.			
Box 670, Hobbs, New	Mexico 88240		5			
4. Location of Well			10. Field and Pool, or Wildcat			
UNIT LETTER H 23	310 FEET FROM THE North	LINE AND 330	Drinkard			
		FEE! FROM				
THE East LINE, SECT!	on 16 TOWNSHIP 21-S	RANGE 37-E NMPM.				
	15. Elevation (Show whether DF	F, RT, GR, etc.)	12. County			
	348	1' GL	Lea			
16. Check	Appropriate Box To Indicate Nat	ture of Notice. Report or Oth	er Data			
	TENTION TO:	-	REPORT OF:			
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING			
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT			
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB				
		OTHER				
OTHER						
			completed in Brinkard			
17. Describe Proposed or Completed Opwork) SEE RULE 1 103.	perations (Clearly state all pertinent details	s, and give pertinent dates, including	estimated date of starting any proposed			
•						
Pulled producing equipment. Set cement retainer at 6707' and squeezed Wantz Abo perforations 6745' to 7229' with 150 sacks of Class C cement. Reversed out approximately 10 sacks. Maximum pressure 1150#. Held 1000#, 30 minutes, OK. Perforated Drinkard zone in 5-1/2" casing with 4, 1/2" JHPF at 6484-86', 6527-29', 6586-88', 6608-10' and 6661-63'. Ran Baker Model R packer on 2-7/8" tubing and set at 6415' with 14,000# compression. Treated new perforations with 1600 gallons of 15% NE acid and frac treated with 10,000 gallons of gel water and 25,000 gallons containing 1 to 2# SPG. Flushed with 1900 gallons of gel water. Maximum pressure 3700#, minimum 3100#, ISIP 1550#, after 15 minutes 1400#. AIR 15.1 BPM. Flowed and cleaned up. Closed well in pending gas line connection.						
18. I hereby certify that the information	above is true and complete to the best of r	my knowledge and belief.				
SIGNED Dan	braz TITLE AT	rea Engineer	DATE November 27, 1974			
APPROVED BY CONDITIONS OF APPROVAL, IF ANY		L & Garage Total	R DEC 2 10			

U UF COPIES RECEIVED						Form C-103	
DISTRIBUTION						Supersedes (
SANTAFE		NE	W MEXICO OIL CON	SERVATION COM	AISSION	C-102 and C- Effective 1-1	
FILE							
U.S.G.S.	1					5a. Indicate Type	e of Lease
LAND OFFICE						State X	Fee
OPERATOR						5. State Oil & Ge B-1732	as Lease No.
			····			D-1/2	
(DO NOT USE THIS FORM USE "A	PPLICAT	Y NOTICES A	AND REPORTS OF PLUG	WELLS BACK TO A DIFFERENT ICH PROPOSALS.)	RESERVOIR.		
OIL GAS WELL WELL		OTHER-				7. Unit Agreemer	nt Name
2. Name of Operator						8. Farm or Lease	e Name
Gulf Oil Corpora	tion						nard (NCT-E)
3. Address of Operator			_			9. Well No.	
P. O. Box 670, H	obbs,	N.M. 882	40			5 10. Field and Pa	ol or Wildest
		2310	north	330	`	Wantz Abo	oi, or winded
UNIT LETTER H	- •	ZJIU FEET	FROM THE north	LINE AND	FEET FROM	TITITITI	mmm
THEeast_LINE	, SECTIO	16		RANGE	E NMPM.		
mmmm	7777	111111111111111111111111111111111111111	Clevation (Show whethe	DF. RT CR ata 1		12. County	
			Teaditon (240m mustus	Dr, KI, GK, etc.,	3491' GL	Lea	
16.	heck	Appropriate	Box To Indicate	Nature of Notice			
		TENTION TO				REPORT OF:	
PERFORM REMEDIAL WORK	1		PLUG AND ABANDON	REMEDIAL WORK	Ċ	4	
TEMPORARILY ABANDON				COMMENCE DRILLIN			AND ABANDONMENT
PULL OR ALTER CASING			CHANGE PLANS	CASING TEST AND C	 	PEUG	AND ABANDONMENT
TOTAL CASING				' I	l Status Rep	ort.	x
OTHER				1	- A STAND STOP	×	
<u></u>							
17. Describe Proposed or Comp. work) SEE RULE 1703.	leted Op	erations (Clearly	y state all pertinent de	tails, and give pertin	ent dates, including	estimated date of	starting any proposed
Well last produced	in M	av. 1974.	Will recomple	te in Drinkar	rd in 1975		
woning products				oc in brinkar	Q 111 1977.		
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				-	,		
				2 1 11 2/3	1.1	75	
			. }	Spires	10///		
				70	/ / /		
		•		•			
18. I hereby certify that the info	rmation	above is true an	d complete to the best	of my knowledge and	belief.		
SIGNED	ant	uis_	TITLE A	rea Engineer		DATE	-15-74
——————————————————————————————————————	/)	25					
ho	$\chi t / x$	HD.	S	JPERVISOR	المال المالية	I DATE 10	T 22 1974
APPROVED BY		Lune!	TITLE		・ー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	DATE	1 44 1317

CONDITIONS OF APPROVAL, IF ANYI

•			•
NO. OF COPIES RECEIVED			Form C-103
DISTRIBUTION			Supersedes Old
SANTA FE	NEW MEXICO OIL CONSE	ERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE	mexico oie doito.	ENTATION COMMISSION	Fuective 1-f-02
U.S.G.S.			5a. Indicate Type of Lease
LAND OFFICE			State Fee XX
OPERATOR			5. State Oil & Gas Lease No.
SUNDR	Y NOTICES AND REPORTS ON	WELLS	
(DO NOT USE THIS FORM FOR PRO USE *APPLICAT	POSALS TO DRILL OR TO DEEPEN OR PLUG BA ION FOR PERMIT -" (FORM C-101) FOR SUCH	VILLS ICK TO A DIFFERENT RESERVOIR. I PROPOSALS.)	
1.			7. Unit Agreement Name
OIL X GAS WELL	OTHER-		
2. Name of Operator			8. Farm or Lease Name
Gulf Oil Corporation			Harry Leonard (NCT-E)
3. Address of Operator			9. Well No.
Box 670, Hobbs, New Me	exico 8824 0		5
4. Location of Well			10. Field and Pool, or Wildcat
UNIT LETTER H	2310 FEET FROM THE North	LINE AND 330	Wantz Abo
		FEET PRO	
THE East LINE SECTION	on 16 TOWNSHIP 21-S	BANGE 37-Z	
	TOWNSHIP	NAMENAME	
	15. Elevation (Show whether I	DF, RT, GR, etc.)	12. County
	348	31' GL	Lea
16. Check	Appropriate Box To Indicate Na	ature of Notice Report of O	ther Data
	ITENTION TO:	-	IT REPORT OF:
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		33232432.	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	
		OTHER	
OTHER Abandon Wantz Abo	and complete in		
Drinkard			
17. Describe Proposed or Completed Opwork) SEE RULE 1703.	erations (Clearly state all pertinent deta-	ils, and give pertinent dates, includin	g estimated date of starting any proposed
•			
8220' TD, 7245' PB.			
Pull producing	g equipment. Set cement	retainer at approximat	ely 6710' and squeeze
Wantz Abo perforations	6745' to 7229' with app	proximately 200 sacks o	f cement. Perforate
Drinkard zone in 5-1/2	$2^{\prime\prime}$ casing with 4, $1/2^{\prime\prime}$ JH	IPF in the approximate	interval 6484' to 6663'.
Run $2-7/8$ " tubing and	packer. Set packer at a	approximately 6450' and	treat new perforations
with 2,000 gallons of	15% NE acid and frac tre	eat with 10,000 gallons	of gel water and 25,000
gallons of gel water of	containing 1 to 2# SPG.	Flush with 1900 gallon	s of water. Swab and
clean up and place well	l on production.	* 4	
		The second second	···
			The state of the s
		•	
18. I hereby certify that the information	above is true and complete to the best of	f my knowledge and belief	
/Raland	17	no Empire : -	
SIGNED	TITLE AT	ea Engineer	DATE August 9, 1974

Geologiss

DATE ALIC 1 9 1074

CONDITIONS OF APPROVAL, IF ANY:

NEW MEMICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE FIXE LAND OFFICE ITRANSPORTED OIL OPERATOR OPERATOR OIL OPERATOR OPERATOR OIL OPERATOR OPERATOR OIL OPERATOR O		No of cortes accelved		•		
REQUEST FOR ALLOWABLE Surrection of Globe and Colf Colford						
Laco	,	SANTIA FE			SION	
LAND OFFICE INAMPORIZE LAND OFFICE INAMPORIZE LAND OFFICE INAMPORIZE INAMPORIZE INAMPORIZE INAMPORIZE INAMPORIZE INAMPORIZE INAMPORIZE OPERATOR INDIGENIA OFFICE OPERATOR OUT Conting in Transporter of OUT Conting in Object (Flease applicit) New Wall Recognition Change in oil tr ansporter, effective February 28, 1973 Other (Flease applicit) New Wall Recognition INDIGENIA OFFICE INDIGENIA OFFICE	'	FILE	KEQUEST			Supersedes Old C-104 and C-11 Effective 1-1-65
TRANSPORTER Oil Orporation Oil Other (Prince capitum) Other		U.S.G.S.	AUTHORIZATION TO TRA		ATHRAL GAS	
Depart of Comparison Compar		LAND OFFICE			TORAL GAS	
Content Cont		TRANSPORTER	_			
Content Cont			_	The Hart - res		•
Content Cont						
Resent(s) for Inling (first & propers box) New Woll Recompletion Oil Coasingheod Gas Condensions If change of ownership give name and address of provious owner II. Change of ownership give name and address of provious owner II. DESCRIPTION OF WELL AND LEASE Lease Name Ratty Leonard (NCT-E) Location Unit Letter H 2310 Peet From The North Line and 330 Feet From The East Location Unit Letter H 2310 Peet From The North Line and 330 Feet From The East Location Unit Letter H 2310 Description OF TRANSPORTER OF OIL AND NATURAL GAS Normal Authorised Transporter of Oil XX Texas Name Texas New Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Normal Authorised Transporter of Oil XX Texas Normal Authorised Transporter of Oil XX Normal Authorised Transporter of Oil XX Texas Normal Authorise	1.					
Resent(s) for Inling (first & propers box) New Woll Recompletion Oil Coasingheod Gas Condensions If change of ownership give name and address of provious owner II. Change of ownership give name and address of provious owner II. DESCRIPTION OF WELL AND LEASE Lease Name Ratty Leonard (NCT-E) Location Unit Letter H 2310 Peet From The North Line and 330 Feet From The East Location Unit Letter H 2310 Peet From The North Line and 330 Feet From The East Location Unit Letter H 2310 Description OF TRANSPORTER OF OIL AND NATURAL GAS Normal Authorised Transporter of Oil XX Texas Name Texas New Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Name Maxico Pipeline Co. Normal Authorised Transporter of Oil XX Texas Normal Authorised Transporter of Oil XX Texas Normal Authorised Transporter of Oil XX Normal Authorised Transporter of Oil XX Texas Normal Authorise				Contact Contac		
Research; for Inling (Inces proper box) New Well Chemge in Tonospoter of Oil Chemge in One-resiste Chemge in Office C						
Research; for Inling (Inces proper box) New Well Chemge in Tonospoter of Oil Chemge in One-resiste Chemge in Office C		Box 670, Hobbs, New	Mexico 88240			
Calingheed Orn		Reason(s) for filing (Check proper bos	*)	Other (Please	explain)	
Condensate Con		New Well	Change in Transporter of:	Change	in oil tr	ansporter effective
Condense in Overeshing of the name and address of previous owner		Recompletion	OII Dry G	as Februa	rv 28. 1973	anoporter, effective
III. DESCRIPTION OF WELL AND LEASE Livese Name Harry Leonard (NCT-E) 5 Wantz Abo State, Federal or Fee Lease No.		Change in Ownership	Casinghead Gas Conde	ensate		
Lease Name Marty Leonard (NCT=E) 5 Wantz Abo State, Federal of Fee Lease No.						
Harry Leonard (NCT-E) 5 Wantz Abo State, Federal or Fee Fee Leonard (NCT-E) 5 Wantz Abo State, Federal or Fee Fee Pee Pe	II.			Formation	(104 04 (
Unit Letter H 1. 2310 Feet From the Seat Line and Section 16 Township 21-S Range 37-R NMPM, Lea County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS None of Authorised Transporter of Oil RO Condensate Range Raddess (Give address to which approved copy of this form is to be sent) Texas-New Mexico Pipeline Co. Rox 1510 Midland Texas 79701 None of Authorised Transporter of Committeed CoxXV Co. Dry Cos Rox 1510 Midland Texas 79701 None of Authorised Transporter of Committeed CoxXV Co. Prop. Prop. Prop. Rox 1589 Tulsa, Oklahor States 74100 If well produces of the right of the property of the property Wine Prop. Prop.				!		
Line of Section 16 Township 21-S Ronge 37-R NMPM, Lea County			5 Wantz Abo		state, redetat of re	Fee
Line of Section 16 Township 21-S Ronge 37-B NMPM, Lea County		1 1 231	0 Francisco The North	. 330		Fact
Nome of Authorized Transporter Of Oil XX		Unit Letter;;	reet from the 102 bit	ne and	Feet From The	Last
New York Section Sec		Line of Section 16	ownship 21-S Range 3	7- E , NMPM,		Lea County
Warren Petroleum Corporation If well produces oil or liquids, Unit Sec. Twp. Pige. It gars actually connected? When give location of tanks. G 16 21-S 37-E Yes 1-13-73 If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA Designate Type of Completion - (X) Oil Well Gas Well New Well Workover Deepen Plug Back Same Restv. Diff. Restv. Dete Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D. Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Cil/Gas Pay Tubing Depth Perforations TUBING, CASING, AND CEMENTING RECORD ADDITIONAL AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to ar exceed top allow Oil, WELL able for this depth or be for full 24 hours) V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to ar exceed top allow Oil, WELL able for this depth or be for full 24 hours) OIL WELL Casing Pressure Chair Producing Method (Flow, pump, gas life, etc.) Length of Test Tubing Pressure Chair Pressure (Shut-in) Choke Size Testing Method (pitos, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size	M.	Name of Authorized Transporter of Oi	or Condensate	Address (Give address to		•
If well produces oil or siquids, give location of tonks. G 16 21-S 37-E Yes 1 1-13-73 If this production is communicated with that from any other Jease or pool, give communicating order number: IV. COMPLETION DATA Designate Type of Completion – (X) Date Spudded Date Completion – (X) Date Spudded Date Completion – (X) Date Spudded Date Completion – (X) Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allow oil. WELL Date First New Oil Run To Tanks Date of Test Tubing Pressure Casing Pressure Choke Size Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size				i		
G 16 21-S 37-E Yes 1-13-73 If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA				Is gas actually connected	? When	XAXAN /4100
If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA Designate Type of Completion — (X) Date Compl. Ready to Prod. Date Spudded Date Compl. Ready to Prod. Date Spudded Date Compl. Ready to Prod. Elevations (DF, RKB, RT, GR, etc.) Perforations TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL Date First New Oil Run To Tanks Date of Test Tubing Pressure Casing Pressure Casing Pressure Choke Size GAS WELL Actual Prod. During Test Tubing Pressure (Shut-in) Casing Pressure (Shut-in)			G 16 21-S 37-E	Yes	1_1	13_73
Designate Type of Completion — (X) Date Spudded Date Completion — (X) Date of Producing Formation Top Oil/Gas Pay Tubing RECORD Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD Depth SET SACKS CEMENT DEPTH SET SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allow able for this depth or be for full 24 hours) Date First New Oil Run To Tanks Date of Test Tubing Pressure Casing Pressure Choke Size Gas WELL Actual Prod. Test - MCF/D Length of Test Bbls. Condensate/AMCF Gravity of Condensate Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size		If this production is commingled w				
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Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D. Perforations (DF, RKB, RT, CR, etc.) Name of Producting Formation Tubing Casing Shoe TUBING, Casing, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allow able for this depth or be for full 24 hours) Date First New Oil Run To Tanks Date of Test Tubing Pressure Casing Pressure Choke Size GAS WELL Actual Prod. Test-MCF/D Length of Test Date Testing Method (pitot, back pr.) Tubing Pressure(Shut-in) Casing Pressure(Shut-in) Casing Pressure(Shut-in) Casing Pressure(Shut-in) Choke Size		Designate Type of Completi		New Well Workover	Deepen Pluc	g Back Same Restv. Diff. Restv.
Elevations (DF, RKB, RT, GR, etc.,) Name of Producing Formation Top Oil/Gas Pay Tubing Depth Perforations Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allow able for this depth or be for full 24 hours) Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.) Length of Test Tubing Pressure Casing Pressure Choke Size Actual Prod. During Test Oil-Bbls. Water-Bbls. Gas-MCF GAS WELL Actual Prod. Test-MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Ehut-in) Choke Size				Total Doubh	1 1 5 5	
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Actual Prod. Test-MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in)		Actual Prod. During 1 est	OII-BBIS.	wdter - Bbts.	Gus	- mor
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Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size			Length of Test	Bbls. Condensate/MMCF	Gra	vity of Condensate
VI. CERTIFICATE OF COMPLIANCE OIL RANGERVATION GOMMISSION		Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-	Cho	ke Size
VI. CERTIFICATE OF COMPLIANCE OIL CONSERVATION GOMMISSION			<u> </u>	<u> </u>		
	VI.	CERTIFICATE OF COMPLIAN	CE	OIL &	PHERVATIO	₹ GOMMISSION

VI.

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.

Area Engineer (Title)

(Date)

February 28, 1973

TITLE SIDERWICH FISTRICT !

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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

	DISTRIBUTION SANIA FE FILE U.S.G.S. LAND OFFICE I RANSPORTER GAS OPERATOR PRORATION OFFICE		JAN 2 6 1973	Form C-104 Supersedes Old C-104 and C-11 Effective 1-1-65	
	Operator Gulf Oil Corporation		OIL CONSERVATION CONTRACTOR Santa Fe	OMM.	
	Address				
	Box 670, Hobbs, New Reason(s) for filing (Check proper be	Mexico 88240	Other (Please explain)		
	New Well	Change in Transporter of:			
	Recompletion Change in Ownership	Oil Dry Go Casinghead Gas Conde	Wecombiecton		
	If change of ownership give name				
11.	DESCRIPTION OF WELL ANI	DESIGNATED BLLOW, IF NOTIFY THIS OFFICE.	YOU DO NOT CONCUR		
	Harry Leonard (NCT-E	Well No. Pool Name, Including F 5 Wantz Abo	ormation Kind of Lease State, Federa		
	Location	7.1722.2 50 60 50 50			
	Unit Letter H; 2	310 Feet From The North Lin	ne and 330 Feet From '	The East	
	Line of Section 16 T	Ownship 21-S Range	37-Е , ммрм,	Lea County	
III.	DESIGNATION OF TRANSPORMENT OF Authorized Transporter of C	RTER OF OIL AND NATURAL GA	Address (Give address to which appro-	and convert this form is to be seed.	
	The Permian Corporat		Box 3119, Midland, Te		
	Name of Authorized Transporter of C Warren Petroleum Cor		Address (Give address to which approved copy of this form is to be sent) Box 1589, Tulsa, Oklahoma 74100		
	If well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actually connected? Who	en	
	give location of tanks.	G 16 21-S 37-E	Yes	1-13-73	
IV.	COMPLETION DATA	vith that from any other lease or pool, Oil Well Gas Well	<u> </u>		
	Designate Type of Complet	cion – (X) X	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.	
	Date North recompleted 1-10-73	Date Compl. Ready to Prod. 1-10-73	Total Depth 8220 *	P.B.T.D. 7245'	
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top O! b(\$0)6 Pay	Tubing Depth	
	3481' GL Perforations	Abo	6745'	6698 Depth Casing Shoe	
	6745 - 7229'		79991		
	HOLE SIZE	CASING & TIBING SIZE	D CEMENTING RECORD DEPTH SET	SACKS CEMENT	
	17-1/4"	12-3/4"	268'	325 sacks (Circulated)	
	7-7/8"	8-5/8" 5-1/2"	2799' 7999'	1100 sacks (Circulated) 131 sacks (TOC at 7540	
	, , , , ,	2-7/8"	6698'	131 Backs (100 at 7540	
V.	TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be a able for this de	after recovery of total volume of load oil epth or be for full 24 hours)	and must be equal to or exceed top allow-	
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)	
	1-10-73	1-13-73 Tubing Pressure	Flow Casing Pressure Choke Size		
	23 hours	150#		16/64"	
	Actual Prod. During Test	Oil-Bbls.	Water - Bbis.	Gas-MCF	
	48 barrels	48	0		
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate	
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size	
VI.	CERTIFICATE OF COMPLIA	NCE	OIL CONSERVA	TION COMMISSION	
	I hereby certify that the rules and	regulations of the Oil Conservation with and that the information given	APPROVED JAN	, 19	
	above is true and complete to the	he best of my knowledge and belief.	BY J	Amy	
			TITLE SUPERVISO	DR DISTRICT I	
	3.1. Bune	rale	This form is to be filed in o	compliance with RULE 1104, rable for a newly drilled or deepened	
	Bie	nature)		nied by a tabulation of the deviation	
•	Area Engineer (7	'itle)	All sections of this form mu able on new and recompleted we	st be filled out completely for allow-	
	January 18, 1973	Date)	Fill out only Sections I, II	. III, and VI for changes of owner, er, or other such change of condition.	
			Separate Forms C-104 must be filed for each pool in multiply completed wells.		

NO! OF COPIES RECEIVED			Form C-103
DISTRIBUTION		and the second s	Supersedes Old
SANTAFE	NEW	MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103
FILE		MEXICO OIL CONSLICTA HON COMMISSION	Effective 1-1-65
	+ + +		5a. Indicate Type of Lease
U.S.G.S.			
LAND OFFICE			State Fee X
OPERATOR		The second secon	5. State Cil & Gas Lease No.
(DO NOT USE THIS I	SUNDRY NOTICES A	AND REPORTS ON WELLS OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIL (FORM C-101) FOR SUCH PROPOSALS.)	
1.			7. Unit Agreement Name
OIL X GA	S OTHER-		Į.
2. Name of Operator			8. Farm or Lease Name
Gulf Oil Corpora	tion		Harry Leonard (NCT-E)
3. Address of Operator	LION		9. Well No.
		•	
Box 670, Hobbs,	New Mexico 88240		5
4. Location of Well			10. Field and Pool, or Wildcat
UNIT LETTER H	2310	FROM THE North LINE AND 330	FEET FROM Wantz Abo
		LINE AND	
East	16	TOWNSHIP 21-S RANGE 37-E	
THE	LINE, SECTION	TOWNSHIP RANGE	— NMPM: (())
mmmm	11111111111111111111111111111111111111	levation (Show whether DF, RT, GR, etc.)	12. County
		3481' GL	Lea
dininininininininininininininininininin			
10.	Check Appropriate B	Box To Indicate Nature of Notice, Repo	ort or Other Data
NOT	ICE OF INTENTION TO		EQUENT REPORT OF:
PERFORM REMEDIAL WORK	$\uparrow \uparrow$	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
ř	≒ . `	-	
TEMPORARILY ABANDON	+	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	 	CHANGE PLANS CASING TEST AND CEMENT JOI	
			d Loop 18 Montoya and re-
OTHER	<u> </u>	completed in Wan	tz Abo
	(6)		
17. Describe Proposed or (work) SEE RULE 1103		state all pertinent details, and give pertinent dates	, including estimated date of starting any proposed
,			
7245' PB.			
• • • •	ducing equipment	Ran CI BP and set at 7280'.	Dumped 35' cement on top of
		ns 7295' to 7333'. Calculated	
and BP with 500#	, OK. Perforated	5-1/2" casing in Abo zone with	2, 1/2" JHPF at 6/45-4/',
		4-26', 7161-63', 7198-7200' and	
orations with 45	00 gallons of 15%	NE acid. Maximum pressure 340	0#, ISIP 1500#, after 15 min-
utes 1100#. AIR	5.4 BPM. Swabbed	d and cleaned up and placed wel	1 on production.
		- •	-
•			
,			
	1		
18. I hereby certify that the	information above is true and	d complete to the best of my knowledge and belief.	
~ <i>j</i> ~	1		
	1.4		
/// (/ . //	Dron-nolo	A	
SIGNED	Huzeale	TITLE Area Engineer	DATE January 18, 1972
SIGNED	Frezeale		
SIGNED	mazeale		
APPROVED BY	Starle		
APPROVED BY	Stand		TRICT I DATE JAN 19 1973

NO. OF COPIES RECEIVED						
DISTRIBUTION	NEW	MEXICO OIL CONSER	VATION COMMISSION		Form C-101	
SANTA FE	- 			ŗ	Revised 1-1-65	
FILE		*	·			Type of Lease
U.S.G.S.	+		And the second s	}	STATE STATE	Gas Lease No.
LAND OFFICE OPERATOR	+	<i>;</i>		İ		ada Fedae Mo.
OFERATOR					B-1732	mmmn.
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN, C	OR PLUG BACK			
1a. Type of Work	K T OIX T DIAMET TO		ALL EGO BAGA		7. Unit Agree	nent Name
DRILL		DEEDEN	PLUG E	ACK RXI		
b. Type of Well				, ACK ==	8. Form or Le	ıse Name
OIL X GAS WELL	OTHER		SINGLE MUL	ZONE	Harry L	eonard (NCT-E)
2. Name of Operator	-				9. Well No.	
Gulf Oil Corporat	ion		· · · · · · · · · · · · · · · · · · ·		5	= 1 W11 .
3. Address of Operator						Pool, or Wildcat
Box 670, Hobbs, N					~1008~18	Montova
UNIT LETTE	R H. LOC	ATED 2310 PE	ET FROM THE North	LINE		
AND 330 FEET FROM	THE Past I'm	IE OF SEC. 16	un 21 C nor 27	■R NMPM		
AND 330 FEET FROM	THE RAST		(1) 1 - S (6E 37)	VIIIII	12. County	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
					Les	
				111111	HIII	HHHHHH
		111111111111111111111111111111111111111	Proposed Depth 1	9A. Formation	1	20. Rotary or C.T.
			7320'	Abo	_	
21. Elevations (Show whether DF,]	& Status Plug. Bond 21	IB. Drilling Contractor		22. Approx.	Date Work will start
3481' GL	Blanke	t			Januar	y 4, 1973
23.	F	PROPOSED CASING AND	CEMENT PROGRAM		i	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
17-1/4"	12-3/4"	50#	268'	 	cks (Circ	
11"	8-5/8"	32#	2799'		cks (Circ	
7-7/8"	5-1/2"	15.50#	79991			at 5392')
35' cement plug of zone in 5-1/2" ca 58', 7023-26', 71 of 15% NE acid. * Test BP and cas	ng equipment. n top of BP, ab sing with 2, 1/ 61-63', 7198-72 Swab and clean ing with 500#.	'2" JHPF at appr 200' and 7 2 27-29	a perforations coximately 6745- '. Treat new p ell on production	7295' te -47', 68' perforat:	o 7333'.* 20-22', 6 ions with	Perforate Abo 888-90', 6956- 4,000 gallons
TIVE ZONE, GIVE BLOWOUT PREVENT	ER PROGRAM, IF ANY.					
I hereby certify that the information of the Signed Signed	7 /	Title Area Engin	_	<i>I</i>	oate Janua	ry 4, 1973
This space for	State (Vsc)	Geo	ogist		JA	N 5 1973
APPROVED BY W.	ANY:	TITLE			DATE	

<u> </u>		_		•			
NO. OF COPIES RECEIVED		_				Form C-103	
DISTRIBUTION		7		Supersedes Old			
SANTA FE] NE	MEXICO OIL CON	SERVATION COMMISSION		C-102 and C-103 Effective 1-1-65	
FILE		7				211001110 1-1-03	
U.S.C.S.		7				5a. Indicate Type of Le	edse
LAND OFFICE		1				State X	Fee.
OPERATOR	 	┥				5. State Oil & Gas Lea	
o, enaron	 					B-1732	
	CHANGE	DV NOTICES				mmmm	mmm
(DO NOT USE THIS FO	BM FOR PR	OPOSALS TO DRILL	AND REPORTS ON	WELLS BACK TO A DIFFERENT RESERVOIR. CH PROPOSALS.)			
1.	APPLICA	TION FOR PERMIT -	FORM C-TOT) FOR SU	CH PROPOSALS.)		7. Unit Agreement Nam	77777777
OIL GAS						7. Omit rigicoment train	~
2. Name of Operator	 	OTHER-				8. Farm or Lease Name	
Gulf Oil Corpora	ation					Harry Leonard	i
3. Address of Operator						9. Well No.	. (1101 11)
Box 670, Hobbs,	New M	evico 88240)			5	ł
4. Location of Well	TICW III	EXICO 00240	<u></u>		<u>,,</u>	10. Field and Pool, or	3/412
H	2	310	North	330		Loop 18 Monto	i i
UNIT LETTER		JEU FEET	FROM THE	LINE AND FI	EET FROM	LOOP TO MOREO	7777777
17		16	21	מ לכ			
THE East	INE, SECT	ION	TOWNSHIP	S RANGE 37-E	NMPM.		WIIIIIII
	·····	~~~~		DE DE CO			HHHH
		15. E	levation (Show whether			12. County	
	7////		3481	· GL		Lea	
16.	Check	Appropriate J	Box To Indicate 1	Nature of Notice, Report	or Oth	er Data	
NOTIC		NTENTION TO				REPORT OF:	
PERFORM REMEDIAL WORK	1		PLUS AND ABANDON	REMEDIAL WORK		ALTERING CA	SING
TEMPORARILY ABANDON	วี 🖯			COMMENCE DRILLING OPNS.	Ħ	PLUG AND AB	=
PULL OR ALTER CASING	1		CHANGE PLANS	CASING TEST AND CEMENT JOB	H	7204 AND AD	
	-				<u></u>		
OTHER							
-				Closed in Report.			
17. Describe Proposed or Co work) SEE RULE 1903.	mpleted O	perations (Clearly	state all pertinent des	ails, and give pertinent dates, i	ncluding	estimated date of startin	ig any proposed
work) SEE RULE 1103.							
						•	
7375' PB.							
Subject	: well	uneconomic	cal to produce	at this time. To	be car	rried as closed	l in.
		*					
			والمعاشد اللا	·~			
			والمتعادية				
		1.25		1			
			· · ·				
		(11 July 12 193				
•							
10 I horohu acatifu that the	nformatia	n about in tous	d complete to the heat	of my knowledge and heli-f			
18. I hereby certify that the i	ormation	i acove is (fue an	a complete to the pest	or my knowledge and belief.			
No.	15-		,	Amaa Vaadaa		N1	. 3 1070
SIGNED	oru	neal	TITLE	Area Engineer		DATE November	. 3, 19/2
K1	7	7		C-logist			
\] []		9		Geologist		NOV	1 C 1070
APPROVED BY JOHN W		mjan	TITLE			DATE	6 1972
CONDITIONS OF APPROVA	L, IF ANY	v: <i>U</i>					
	1						

NO. OF COPIES REC	EIVED	i		
DISTRIBUTIO	ON			
SANTA FE				
FILE	FILE			
U.S.G.S.				
LAND OFFICE				
TRANSPORTER	LDANISBORTED OIL			
- TRANSPORTER				
OPERATOR				
PRORATION OF	FICE			

NEW MEXICO OIL CONSERVATION COMMISSION

The first title posterior

	SANTA FE	-		REQUEST I	FOR ALLOWABLE		Supersedes Old	d C-104 and C-1
	U.S.G.S.	+-	+	AUTHORIZATION TO TRA	AND NSPORT OIL AND I	ATUDAL CA	Effective 1-1-6	55
	LAND OFFICE	1		No monetarion to the	1131 OKT OIL AND I	MATURAL GA	•	•
	TRANSPORTER OIL GAS	-				4		
	OPERATOR			. •				
ı.	PRORATION OFFICE Operator				\ .			
	Gulf Oil Corpor	ati	on			•		
	Address	7.7			C			
	Box 670, Hobbs, Reason(s) for filing (Check				Other (Please			
	New Well	F F.		Change in Transporter of:	Other (Fleas:	e explain)		
	Recompletion			Oil Dry Gas	s 🔲 Change i	n Oil Tran	sporter, effe	ctive
	Change in Ownership			Casinghead Gas Conden	sate February	9, 1972		
	If change of ownership gi							
	•							
II.	DESCRIPTION OF WE	LL A	ND I	Well No. Pool Name, Including Fo	ormation	Kind of Lease		Lease No.
	Harry Leonard (NCT	-E)	5 Loop 18 Monto	oya	State, Federal o	Fee State	27179
	Location H		23	10 Namel	222			
	Unit Letter	_ ;	43.	Feet From The North Line	e and330	Feet From The	East	
	Line of Section 16		Tov	waship 21-S Range	37-E , NMPM	Lea		County
7 7 7	DESIGNATION OF TR	ANCI	רפוספ	FER OF OIL AND NATURAL GA	6			
***.	Name of Authorized Transp				Address (Give address	to which approved	copy of this form is	to be sent)
	The Permian Cor				Box 3119, Mid Address (Give address	lamd, Texas	3 79701	
	Name of Authorized Transporter of Casinghead Gas 🕱 or Dry Gas 🗔 Warren Petroleum Corporation				Box 1589, Tul			to be sent)
	If well produces oil or liqui		p -	Unit Sec. Twp. Rge.	Is gas actually connect	ed? When	BR 74100	
	give location of tanks.			G 16 21-S 37-E	Yes	Febr	cuary 21, 197	0
IV	If this production is comm	ingle	ed wit	th that from any other lease or pool,	give commingling orde	r number:		
	Designate Type of (omr	letio	Oil Well Gas Well	New Well Workover	Deepen	Plug Back Same Re	s'v. Diff. Res'
	Date Spudded	20111	netio	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.	
	Date Spuaded			Date Compt. Neady to Plod.	Total Depth	'		
	Elevations (DF, RKB, RT,	GR, e	tc.j	Name of Producing Formation	Top Oil/Gas Pay	•	Tubing Depth	
	Perforations						Depth Casing Shoe	
				TUBING, CASING, AND			SACVE CE	MENT
	HOLE SIZE			CASING & TUBING SIZE	DEPTHS		SACKS CE	MENI
v.	TEST DATA AND REG	UES	T F	OR ALLOWABLE (Test must be a:	ter recovery of total voli	ime of load oil and	i must be equal to or	exceed top allo
• •	OIL WELL			able for this de	pth or be for full 24 hour Producing Method (Flor	s)		
	Date First New Oil Run To	Tank	8	Date of Test	Producing Method (F to	o, pump, gas tijt,	e.c.,	
	Length of Test	 		Tubing Pressure	Casing Pressure		Choke Size	
	Actual Prod. During Test			Oil-Bbls.	Water - Bbls.		Gas - MCF	
	Actual Float During 1 44.			0 Da				
	GAS WELL Actual Prod. Test-MCF/D			Length of Test	Bbls. Condensate/MMC	F	Gravity of Condensate	
	Testing Method (pitot, back	pr.)		Tubing Pressure (Shut-in)	Casing Pressure (Shut	-in)	Choke Size	
VI.	CERTIFICATE OF CO	MPI	IANO	CE	OIL.	CONSERVAT	ION COMMISSIO	N
•••				-	()	FFR 10	1972	
	I hereby certify that the r	ules	end r	regulations of the Oil Conservation with and that the information given	APPROVED			19
	above is true and comple	ete t	o the	best of my knowledge and belief.	BY	X YY	mig	
			1		TITLE S	UPERVISO	OR DISTRIC	ग ।
	Si	1	×		This form is to	be filed in con	npliance with RUL	
	preyn >	4	(Signa	10	well this form mus	t be accompanie	le for a newly drilled by a tabulation of	of the deviation
	Petroleum Engine	1	, u · g na		tests taken on the	well in accorda	nce with RULE 11	1.
			(Tit	le)	able on new and re	completed wells		
	February 9, 1972	2	/De	ite)	Fill out only well name or number	Sections I, II. I r, or transporter.	III, and VI for cha or other such chan	nges of owne
	(Date)				well name or number, or transporter, or other such change of condition			

S REC	EIVED	i	
L' IBUTI	ON		
SANTA FE			
FILE	<u></u>		
U.S.G.S.		1	
LAND OFFICE		1	
TRANSPORTER	OIL		
IRANSPORTER	GAS		
OPERATOR			
PRORATION OF	FICE		
Operator			·
Gulf Oil Con	rpora	tion	1
Address			
Box 670, Hol	bs.	New	Mex
Reason(s) for filing	(Check	prope	box

40 NEW MEXICO OIL CONSERVATION COMMISSION

Form C-104

	FILE	REQUEST	FORALLOWABLE	Supersedes Old C-104 and C-11 Effective 1-1-65			
	U.S.G.S.	AUTHORIZATION TO TRA	A nd . Insport oil and natural				
	LAND OFFICE	:4	•				
	TRANSPORTER GAS		E	CC 0 0 4 1070			
	OPERATOR	7 	2	FEB 24 1970			
I.	PRORATION OFFICE Operator	27	•				
	Gulf Oil Corporation Address						
	Box 670, Hobbs, New Mex	cico 88240					
	Reason(s) for filing (Check proper box) New Well	Change in Transporter of:	Other (Please explain)				
	Recompletion	Oil Dry Ga	To show gas t	ransportef, effective			
	Change in Ownership	Casinghead Gas Conder	2=21-70				
	If change of ownership give name and address of previous owner						
••	,						
11.	DESCRIPTION OF WELL AND I	Well No. Pool Name, Including Fo	ormation Kind of Le	ease Lease No.			
	Harry Leonard (NCT-E)	5 Loop 18 Montoy	a State, Fed	eral or Fee State 27179			
	Location						
	Unit Letter H; 2310	D Feet From The North Lin	e and <u>330</u> Feet Fro	om The <u>East</u>			
	Line of Section 16 Tow	vnship 21-S Range	37-E , NMPM, Lea	County			
Ħ	DESIGNATION OF TRANSPORT	FED OF OIL AND NATURAL CA	c				
-41.	Name of Authorized Transporter of Oil	or Condensate	Address (Give address to which ap	proved copy of this form is to be sent)			
	Admiral Crude Oil Corpo	oration singhead Gas (TV) or Dry Gas	Box 1713, Midland, 1	Texas 79701 proved copy of this form is to be sent)			
	Warren Petroleum Corpor		Box 1589, Tulsa, Oklahoma				
	If well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actually connected?	When			
	give location of tanks.	G 16 215 37-E	Yes	February 2a, 1970			
IV.	If this production is commingled wit COMPLETION DATA	h that from any other lease or pool,	give commingling order number:				
	Designate Type of Completio	on - (X)	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.			
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.			
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth			
	Perforations			Depth Casing Shoe			
		TIRING CACING AND	CONTINO DECARD				
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT			
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fter recovery of total volume of load opth or be for full 24 hours)	oil and must be equal to or exceed top allow			
	OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, ga	s lift, etc.)			
		Tubing Description	Crains Property	Choke Size			
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size			
	Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gas - MCF			
	GAS WELL						
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate			
	Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (Shut-in)	Choke Size			
				<u> </u>			
VI.	CERTIFICATE OF COMPLIANO	CE	OIL CONSER	VATION COMMISSION			
	I hereby certify that the rules and r	egulations of the Oil Conservation	APPROVED	502319/1), 19			
	Commission have been complied wabove is true and complete to the	vith and that the information given best of my knowledge and belief.	BY PARTY	Ketail			
	_		TITLE SUPERVISO	R DISTRICTA			
	ADA 1	\cap	177	in compliance with RULE 1104.			
	- Chilory	and	If this is a request for al	lowable for a newly drilled or deepened			
	(Signal Area Production Manager			npanied by a tabulation of the deviation cordance with RULE 111.			
	(Tit		All sections of this form must be filled out completely for allow				

February 21, 1970

(Date)

able 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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

	: «.		
· (1)	္ အ	•	
		**	
NO. OF COPIES RECEIVED	\sim \sim		Form C -103
DISTRIBUTION			Supersedes Old C-102 and C-103
SANTA FE		SERVATION COMMISSION	Effective 1-1-65
FILE	£ 6:	rest.	
U.S.G.S.			5a. Indicate Type of Lease
LAND OFFICE			State XX Fee
OPERATOR	4AIN 70 Fer		5. State OII & Gas Lease No.
SUNDRY	NOTICES AND REPORTS ON	WELLS	
USE "APPLICATIO	ON FOR PERMIT - " (FORM C-101) FOR SU	H PROPOSALS.)	
OIL GAS			7. Unit Agreement Name
2. Name of Operator	OTHER-	· · · · · · · · · · · · · · · · · · ·	8. Farm or Lease Name
Gulf Oil Corporation			
3. Address of Operator			Harry Leonard (NCT-E)
Box 670, Hobbs, New Mex	i aa 882110		
4. Location of Well	100 00240		10. Field and Pool, or Wildcat
1	North	220	Loop 18 Montoya
UNIT LETTER	310 FEET FROM THE North	LINE AND FEET FROM	TOOD TO WOLLOAS
Fact	16	३ २७. ए	
THE THE LINE, SECTION	TOWNSHIP 21-	RANGE 37-15 NMPM.	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
		31.81' GT.	Dea
16. Check A	ppropriate Boy To Indicate N	Nature of Notice, Report or Oth	
NOTICE OF IN		_	REPORT OF:
NOTICE OF IN	TENTION TO:	SUBSEQUENT	REFORT OF:
PERFORM REMED!AL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	, 135 And Admitsin	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	PEOG AND ABANDUNMENT
		OTHER	
OTHER			
		Acidized	
17. Describe Proposed or Completed Oper work) SEE RULE 1 103.	rations (Clearly state all pertinent det	ails, and give pertinent dates, including	estimated date of starting any proposed
,			
7375' PB.			
Pulled rods, pur	np and tubing. Ran Bake	er Model R packer on 2-7/	81 tubing and set at
7250 with 14,000# comp	ression. Loaded tubing	g - casing annulus with b	orine water. Treated
5-1/2" casing perforati	ons 7295' to 7333' with	3,000 gallons of 28% Na	E acid. Flushed with
45 barrels of brine wat	er. Maximum pressure 2	2600#, minimum 1500#, AIR	R 5.25 bpm. ISIP 2100#.
after 15 minutes 1900#.	Sw abbed and cleaned t	ip. Pulled tubing and pa	cker. Ran 2-7/81 tub-
ing, rods and pump and	returned well to produc	ction.	·
			•
18. I hereby certify that the information a	bove is true and complete to the best	of my knowledge and belief.	
and the	0		
SIGNED NOVAL	TITLE AT	ea Production Manager	DATE February 24, 1970
1/00/10	Harris I and the second		
APPROVED BY	Mac Jo TITLE	UPERVISOR DISTRICT D	DATE
CONDITIONS OF APPROVAL, IF ANY:			

NO. OF COPIES REC	EIVED	i	
DISTRIBUTIO	ON		
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER OIL			
- THE THE RESERVE OF			
OPERATOR			
PRORATION OF	ICE	1	

NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWARI F

Form C-104

	FILE	, ALGOEST	1 OK ALL	OWADLE		Superseae. Effective	s Old C-104 and C-	
	U.S.G.S.	AUTHORIZATION TO TR	AND	•••			1-1-03	
	LAND OFFICE	AUTHORIZATION TO TRA	ANSPORT	OIL AND NAT	TURAL G	AS		
	OIL		Ļ	17 JA 18 1	n 1120	(i		
	TRANSPORTER GAS	427 JA 6 AD XI 759						
	OPERATOR	1			_	_		
	PRORATION OFFICE	1			a 196	e_{i}		
1.	Operator Operator	1		Tan	3 10			
	•			Q 0				
	Gulf Oil Corporation							
							· · · · · · · · · · · · · · · · · · ·	
	Box 670, Hobbs, New 1	Mexico 88240						
	Reason(s) for filing (Check proper box)		10	Other (Please ex	olain)			
	New Well	Change in Transporter of:						
	Recompletion X	Oil Dry Go	ıs 🔲	Re-entered	d plugg	ed and aband	oned well	
	Change in Ownership	Casinghead Gas Conde	nsate		F66		.01100 11022	
	If change of ownership give name			CHANG	E			
	and address of previous owner							
••	DECEMBER OF THE PARTY OF THE PA			OK, .4	60	-		
и.	DESCRIPTION OF WELL AND I		~	L R	161			
		Well No. Pool Name I Duding	ormation		nd of Ledse		Lease No.	
	Harry Leonard (NCT-E)	5 Wildow - Mont	cya.	Sto	te, Federal	or Fee State	27179	
	Location							
	Unit Letter H ; 2310	Teet From The North Lir	e and 33	2O =	est From T	he <u>East</u>		
	,	J. Cott from the Hopeman	ie did		eet From 1	ne FRSI		
	Line of Section 16 Tow	mship 21-S Range	37-E	, NMPM,	Lea		County	
				, 14011 101,			County	
fff	DESIGNATION OF TRANSPORT	TEP OF OU AND NATURAL CA	· c					
	Name of Authorized Transporter of Oil			ive address to w	hich approv	ed copy of this form	is to be sent!	
		—	ROSE I	/17			· ·	
	Admiral Crude Gil Corpo					nd, Texas 79		
	Name of Authorized Transporter of Cas	inghead Gas or Dry Gas	Address (G	ive address to w	hich approv	ed copy of this form	is to be sent)	
	Vented - Waiting on tar	nk battery construction	1					
	If well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actu	ally connected?	Whe	n.		
	give location of tanks.	H 16 218 37-E	No		!			
	If this production is commingled wit COMPLETION DATA	n that from any other lease or poof,	give commi	ngung order nu	mber:			
	COMPLETION DATA	Oil Well Gas Well	New Well	Workover I	Deepen	Plug Back Same	Res'v. Diff. Res'v	
	Designate Type of Completio	n - (X)		! !		-		
	Date SERIE Re-entered	Date Compl. Ready to Prod.	Total Dept	<u> </u>		P.B.T.D.		
			•					
	9-1-69	9-11-69	822			73751		
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil	-		Tubing Depth		
	3481' GL	Montoya	7295	51		73451		
	Perforations					Depth Casing Shoe	•	
	7295-971, 7317-191 & 73	331-331				79991		
		TUBING, CASING, AN	CEMENT	NG RECORD				
	HOLE SIZE	CASING & TUBING SIZE	T	DEPTH SET		SACKS	CEMENT	
			06					
	17-1/);"	12-3/1:"		8!			(Circulated	
	77"	8-5/8 ¹¹	27991				(Circulated	
	7=7/811	5-1/211	79991			131 sacks	(TOC at 539)	
		2-7/811	731	<u> 51</u>		<u> </u>		
V.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fter recovery	of total volume	of load oil a	and must be equal to	or exceed top allo	
	OIL WELL	able for this d	epth or be for	full 24 hours)	-		*	
	Date First New Oil Run To Tanks	Date of Test	Producing	Method (Flow, p	ump, gas lif	etc.)		
	9-11-69	9 –3 0 –6 9	Pump	o in g				
	Length of Test	Tubing Pressure	Casing Pre			Choke Size		
	2h hours					22		
	Actual Prod. During Test	Oil-Bbls.	Water - Bbl	B.		Gas - MCF		
	232	226	6					
		-						
	GAS WELL		T			r 	·	
	Actual Prod. Test-MCF/D	Length of Test	Bbls. Cond	iensate/MMCF		Gravity of Conden	sate	
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pre	ni- <i>tud</i> a) ewee)	Choke Size		
37	CERTIFICATE OF COMPLIANCE		1	011 00	USEBY A	TION COMMIS	SION	
¥1.	CERTIFICATE OF COMPLIANC			YIL CO			DION	
			APPRO	V=-	SEF	6981-A	19	
	I hereby certify that the rules and r Commission have been complied w	egulations of the Oil Conservation	1 VELKO			(1)	, 13	
	commission have been complied wabove is true and complete to the	best of my knowledge and belief.	BY	XHC		dull		
	many or mar and comparer of the	and the same of th	11	CHEEDY	ISOR D	ISTRICA		
	~ ~ ~ ~	•	TITLE	/ SOLIK	JUCK D	1311(1981 ;		
	(10 1) A		1 //		£11-3 ·			
	104417,m/1	$a \lambda l$	11			ompliance with R		
		Line	If the	his is a request	for allow	able for a newly o	irilled or deepene	
	(Signa	well, this form must be accompanied by a tabulation of the deviation						

VI

Area Production Manager (Title)

September 30, 1969

(Date)

tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allow able 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

Separate Forms C-104 must be filed for each pool in multiple completed wells.

	T -	
NO. OF COPIES RECEIVED		
DISTRIBUTION	<u></u>	
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

OC.	
Form C-103	•
Supersedes Old	
C-102 and C-103	
Effective 1-1-65	

DISTRIBUTION		Supersedes Old
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE		
U.S.G.S.	GEP 34 3 20 121 259	5a. Indicate Type of Lease
LAND OFFICE	29 141 5g	State XX Fee
OPERATOR		5. State Oil & Gas Lease No.
		27179
SUNDRY (DO NOT USE THIS FORM FOR PROPULCATION) 1.	Y NOTICES AND REPORTS ON WELLS POSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. ON FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
OIL GAS WELL	OTHER-	
2. Name of Operator		8. Farm or Lease Name
Gulf Oil Corporation		Harry Leonard (NCT-E)
3. Address of Operator		9. Well No.
Box 670, Hobbs, New Mex	rico 88240	5
4. Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER H . 23	10 FEET FROM THE North LINE AND 330 FEET FRO	Wildcat
UNIT LETTER	FEET PROMINE FEET PRO	
THE East LINE, SECTION	N 16 TOWNSHIP 21-S RANGE 37-E NMPN	
	15. Elevation (Show whether DF, RT, GR, etc.) 31.81 GT.	12. County
16. Check A	appropriate Box To Indicate Nature of Notice, Report or O	ther Data
NOTICE OF IN		IT REPORT OF:
PERFORM REMED!AL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JQB	
	OTHER	
OTHER		
17 Desgribe Despessed or Completed One	erations (Clearly state all pertinent details, and give pertinent dates, including	ted plugged and abandoned
work) SEE RULE 1 103.	sections (occurs) some are peremene decisies, and give perement unics, including	g estimated date of starting any promet
7317-19' and 7331-33' was Tested casing with 2000 compression at 6693' with Treated with 2000#. Al	-5/8" bit to 6224'. Tested 5-1/2" perforations out to new plug back at 7375'. Perforated 5-1/2 with 4, 3/8" JHFF. Ran packer on 2-7/8" tubing 0#, OK. Spotted 500 gallons of 15% NE acid at 11 th 19,000#. Pressured casing with 800#. Form IR 5 bpm. ISIP 1400#, after 5 minutes 1300#. Spotaged well on production.	/2" casing from 7295-97', g and set packer at 7370'. 7313'. Set packer in

18. 1 hereby ce	that the information above is true and comp.	lete to the best of my knowledge and belief.	
SIGNED	Dorland	TITLE Area Production Manager	DATE September 16, 1969
		SUPERVISOR DISTRICT :	CED 30 1960

	•		•			g 0
		•				N
NO. OF COPIES RECEIVED						_=
DISTRIBUTION SANTA FE	NEW NEW	MEXICO OIL CONSE	RYATION COMMISSION	I. U.	Form C-101 Revised 1-1-6	65
FILE	+-1		K 10 4 - 511	3 C O		Type of Lease
U.S.G.S.	+-1		Aug 25 4 20 AM	93	STATE	
LAND OFFICE	+				5. State Oil	& Gas Lease No.
OPERATOR	1				- 271	. 79
					IIIIII	<i>IIIIIIIII</i>
APPLICATIO	N FOR PERMIT TO	DRILL, DEEPEN,	OR PLUG BACK			
1a. Type of Work	Re-enter P & A	well			7. Unit Agre	eement Name
DRILL	TO-GIAGE I & SE	DEEPEN	PLUG E	BACK		· · · · · · · · · · · · · · · · · · ·
b. Type of Well			SINGLE MUL	TIPLE	8. Form or L	
2. Name of Operator	OTHER		ZONE	ZONE	Harry L	eonard (NCT-R)
Gulf Oil Corporati	lon		•			
3. Address of Operator	LOII				10. Field on	ad Pool, or Wildcat
Box 670. Hobbs. No	Marrian 88210				Undes-	and the second second
4. Location of Well			FEET FROM THE North	LINE	THIST	
UNIT LETTE	K LOC	ATEDT	FEET PROM THE NOT LATE			
AND 330 FEET FROM	THE East LIN	E OF SEC. 16	TWP. 21-S RGE. 37-	E HMPM		
					12. County	
					Lea	
			19, Proposed Depth 1	9A. Formatio		20, Rotary or C.T.
21. Elevations (Show whether DF,	RT, etc.) 21 A. Kind	& Status Plug. Bond	7450 1 21B. Drilling Contractor	Montoy		Reverse Unit
3h81' GL	Baank	_ <u>_</u>			1	ber 1. 1969
23.						<u> </u>
	Ρ	ROPOSED CASING ANI	D CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT			CEMENT	EST. TOP
17-1/h¤	12-3/4"	50#	2681			culated)
11"	8-5/8n	32#	27991			rculated)
7-7/8 n	5-1/2*	15.5 & 20#	7999 * *	131 sa	cks (TOC	at 53921).
# 5-1/2# casi	ng set at 7999!	•	wered from 5342	i.		•
• • • • • • •		•		,		
It is proposed t	o re-enter well	as follows:	Drila surface pi	lug with	rat hol	e maching.
Drill plug at 220	o! to 2250' wit	h 7-7/8 bit w	ith reverse unit	t. Test	8-5/8 n	perforations
at 2240' with 100)#, 30 minutes.	Drill plugs	at 2750' to 2850	o' and 5	100' to	5200'. Wash
over 5-1/2" casin	g stub at 5342'	and dress off	top of stub wi	th inter	nal mill	Run Bowen
casing patch and	>=1/2" 15•5# J=	bb casing. La	tch on $5-1/2$ c	sing st	ub. Tes	t with 1000#,
30 minutes. Run l Test perforations						
to 7450. Test p						
approximately 731	O! to 7350! wit	h 2. 1/2 th JHPF	'. Acidize new 1	nerforst	done wit	# €00 callone
of 15% NE acid.	Swah and test.	2, 2, - 01111	• 2000-0120-1108-1	APP	ye ilk	JLESS
				FOR 9	G COMMAN	CED,
				DRILLIN	G ~	6.01
					1-27-	- Commence
IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAM: IF	PROPOSAL IS TO DEEPEN (DR PLUG BACK, GIVE DATA OF	E MARKERIT PH	ODUCTIVE ZONE	E AND PROPOSED NEW PRODUC
hereby certify that the information						
(UN-HYm)	1a. 1	_ Amen Des	duation Monage			+ 06 7060
Signed	my	Title AFEE PTO	duction Manager		Date Augus	st 26, 1969

Signed

SUPERVISOR DISTRICT

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<u>, , , , , , , , , , , , , , , , , , , </u>	•	,	<u>~</u>	
NO. OF COPIES RECEIVED			Form C-1	
DISTRIBUTION	şi.	ation of the second of the sec	Supersede C-102 and	
SANTA FE	NEW MEXICO OIL CONS	SERVATION COMMISSION	Effective	
FILE	Sar	° 9 2 29 M '69	5a. ladicate	
U.S.G.S.	UL1	3 2 23 .11 63	Sa. Indicate	Type of Lease
LAND OFFICE			Congre in	Fee
OPERATOR			2717	9
SUNDRY	NOTICES AND REPORTS ON	WELLS	IIIIII	
USE "APPLICATION	SALS TO DRILL OR TO DEEPEN OR PLUG I FOR PERMIT -** (FORM C-101) FOR SU	BACK TO A DIFFERENT RESERVOIR. CH PROPOSALS.)		
1. OIL GAS			7. Unit Agree	ment Name
2. Name of Operator	OTHER-		8. Farm or Le	ease Name
Gulf Oil Corporation			_	eonard (NCT-E)
3. Address of Operator			9. Well No.	SOURTO (MOI-E)
Box 670, Hobbs, New Mexic	o 88240		5	
4. Location of Well			10. Field and	l Pool, or Wildcat
UNIT LETTER H . 23	10 FEET FROM THE North	LINE AND FEET	FROM Wildca	t
THE East LINE, SECTION	16 TOWNSHIP 21-S	RANGE	имрм.	
		DC DW co		<i></i>
	15. Elevation (Show whether		12. County	
		3481' GL	Iea	
Check Ap	propriate Box To Indicate N ENTION TO:		or Other Data UENT REPORT (OF:
			_	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	_ AL	TERING CASING
TEMPORARILY ABANDON	<u></u>	COMMENCE DRILLING OPNS.	===	UG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	弦	L-1
OTHER		OTHER		
OTHER				
17. Describe Proposed or Completed Oper work) SEE RULE 1103.	itions (Clearly state all pertinent det	ails, and give pertinent dates, inc	luding estimated date	of starting any proposed
Removed dry hole marker. Cleaned out with reverse 1000#, 30 minutes, 0K. (milled casing stub from 5 on 2 joints, 58: of 5-1/2 11# J-55 ST&C, 74 joints, LT&C casing. Total of 166 with 28,000# tension. Relanded casing with 8,000# 30 minutes. 0K.	unit to 2435'. Tested leaned out to top of 5 348' to 5351'. Circul "17# N-80 LT&C, 5 joi 2356' of J-55 ST&C ar joints and 1 cut join leased tension to 10.0	d perforations in 8-55-1/2" casing stub at lated and POH. Ran 55 ints, 163' of 17# J-5 ad 12 joints and 1 cunt, 5338'. Latched on 100# and tested casing	5/8" casing as 5348'. Wasing as 5348'. Wasing as 55 ST&C, 73 June 15 J	t 2240' with med over and casing patch cints, 2359' of of J-55 15.5# tub at 5351'
18. I hereby certify that the information ab	ove is true and complete to the best	of my knowledge and belief.		
SIGNED CONTINUE	Are	a Production Manager		eptember 8. 1969
	7		DATE	hosmot na TAOA
1.044		AND DETRICT V	a	- 0.1000
APPROVED BY	JUST TITLE	200 - 200 - 100 - 200 -	DATESE	P 9 1969
CONDITIONS OF APPROVAL, IF ANY:	· /			
				•

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

1953

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.

instructions in the Rules and Regulation	s of the Commission.		The same of the sa	A Lawrence - Lawrence - Commence	
	Indicate Nature of R	eport by Checking Be	low		
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON RES	SULT OF TEST T-OFF	REPORT ON REPAIRING WEL	L	-
REPORT ON RESULT OF PLUGGING WELL	REPORT ON RECOPERATION	COMPLETION	REPORT ON (Other)		
	Janus (Dat	ry 12, 1953	Hobbs,	New Mexico	
Following is a report on the work	done and the results obtained	ed under the heading r	noted above at the	pt.	
Gulf Oil Corporation (Company or Ope	rator)	Harry	Leonard HEN (Lease)		
Price Drilling Company (Contractor))	, Well No 5	in the SE 1/4 N	6	.6
r. 21-S., r. 37-E., nmpm.,	Hare	Pool,	Lea	C	Lounty
The Dates of this work were as follows:	December 29, 195	52 - January 6,	1953	***************************************	••••
Notice of intention to do the work (was)	submitted on For	m C-102 on	ember 23, 1952	, 1	9
and approval of the proposed plan (was)			(Closs out incorrect words)		
DETAIL	LED ACCOUNT OF WORL	K DONE AND RESU	OIL CONSERVATION CON	MISSION	
	SEE ATTA(CHED SHEET	FEB 6 - 195	3	
•					
•					
Witnessed by Ja F. Combs (Name)	Gulf O	il Corporation	<u>Drilling</u>		
Ammanud		·		•	1
Approved: OIL CONSERVATION C	OMMISSION	to the best of my l	at the information given about the information given about the state of the state o	ove is true and co	mpict
1 Col y as (Name)	sugn	Name.	un sage	<u> </u>	
d sous inspess		4.76.	Area Prod. Supt. Gulf Oil Corpora	tion	
(Title)	(Date)		Box 2167, Hobbs,		
- : ==== -	\	>			

Displaced oil in 52" casing and 2-3/8" tubing w/160 bbls water. Pulled 2-3/8" tubing, mixed 360 bbls 45 viscosity mud. Ran HOWCO 52" DM cement retainer on tubing. Set retainer at 7700, mixed and pumped 250 sacks regular Neat Trinity cement thru tubing, pumped 10 bbls water ahead of cement. Formation broke down w/2800# pressure, back to 2200#. Squeezed 130 sacks below retainer w/3000# maximum pressure. Picked up tubing 2* above retainer and back washed 118 sacks cement. Mixed 800 bbls 12# 55 viscosity mud, tested perforation gun lubricator w/2000# pressure, OK. Perforated 52" casing at 7400' w/6, 3/8" jet holes by Welex. Killed well w/770 bbls mud, pumped thru perforations at 7400' w/2 HOWCO pump trucks. Ran HOWCO 52" DM squeeze cement retainer on tubing. Set retainer at 7350' and cemented thru tubing and perforations in 53" casing at 7400' w/355 sacks Trinity Regular Neat cement. Maximum pressure 1100#. Drop bar and closed valve in retainer OK. Backed off and displaced 15' of cement on top retainer, reversed out 25 sacks cement, pulled tubing. Ran HOWCO temperature survey in 12 hours, top cement behind 52" casing at 5392. WOC 36 hours. Perforated 51 casing at 6200 w/4, 3/8 jet holes by Welex. Ran HOWCO 52" DM cement retainer on tubing, set at 6150: Broke formation down w/2200# pressure back to 1600#, pumped 20 bbls water into formation at 1 bbl per minute w/1600#. Mixed and pumped 300 sacks Regular Neat Longhorn cement, staged 279 sacks into formation thru perforations in 5½" casing at 6200'. Maximum pressure 3000#. Left 7 sacks in casing below retainer. 2 sacks on top retainer and reversed out 12 sacks. Ran HOWCO temperature survey in 6 hours, no cement show above 5392. Cut 52 casing at 5342 w/McCullough jet cutter, pulled 52" casing, recovered 164 joints 5334'. Plug in hole. Heavy mud from 6135' to 5200', 31 sacks cement plug from 5200' to 5100'. Heavy mud from 5100' to 2850', 37 sacks cement plug from 2850' to 2750'. Heavy mud from 2750 to 2250 . 18 sacks cement plug from 2250 to 2200 . Heavy mud from 2200' to 50'. 18 sacks cement plug from 50' to surface. Installed 4" pipe marker extending 4' above surface.

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin in will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the hmission 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	XX	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)	Netice of Intention (Other)
OIL CONSERVATION COMMISANTA FE, NEW MEXICO	ISSION	Hobbs, New Mexic	(Dote)
Gentlemen:		DE DE	the Harry Leonard WE
_	•	o certain work as described below at	
Gulf Oil Corporati	On or Operato		Well No. 5 in H
****	-		,NMPM.,
Lea		unty.	•
		L DETAILS OF PROPOSED INSTRUCTIONS IN THE RUL	

Displace oil in 5½" casing with 12# mmd - Pull tubing - Rum 5½", 20# HOWCO type DC cement retainer on 2-3/8" tubing, set retainer at 7700! and squeeze with 50 sacks cement, leave 5° cement on top of retainer. Run casing knife and cut $5\frac{1}{2}$ " casing at 7400! - Pull $5\frac{1}{2}$ " casing - Spot cement plug from 6600! to 6125'. Spot 100' plug from 5200' to 5100' - Spot 100' plug from 2850' to 2750' - Spot cement plug 50' to surface. Heavy mud intervals between cement plugs. Install 4" pipe marker to extend 4! above surface.

·		
ApprovedExcept as follows:	DEC 24 1952, 19	Gulf Gil Corporation Company or Operator By
	MMISSION	Position. Area Production Supt. Send Communications regarding well to: Name. Gulf Oil Corporation
	18 Cas Inspection	Addres Box 2167, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Elipetive 1-1-65

All distances must be from the outer boundaries of the Section. Operator AUG Z Gulf Oil Corporation Harry Leonard (NCT-E) Township County 21-s 37-E Actual Footage Location of Well: 2310 feet from the North line and feet from the Ground Level Elev: Producing Formation Dedicated Acreage: 3481' Montoya Undesignated Montova Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation _ Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Mhuci Area Petroleum Engineer Company Gulf Oil Corporation 0 August 26. I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Registered Professional Engineer and/or Land Surveyor Certificate No.

1320 1650

1980. 2310

2000

RECORD OF DRILL-STEM AND SPECIAL "ESTS

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 8220! feet, and from feet to feet.

Cable tools were used from _____feet to _____feet, and from ____

Put to 1	Producing	Octobe	r 27, 1952			CTION				
OIL W									100	
OIL W									uid of which	
	wa	ıs oil;	Q% v	was e	mulsion;Q	•••••••	.% water;	and	0 % was	sediment. A.P.I.
	Gı	avity		******	•••••••••••••••••••••••••••••••••••••••					
GAS W	ELL: T	ne productio	n during the first 2	24 hou	urs was		M.C.F. plu	18		barrels of
	lic	uid Hydroc	arbon. Shut in Pres	sure	lbs					
Length	of Time S	hut in								
					**		CR WITH	GEOGE	RAPHICAL SECTION	OF STATEL
		210:1111 2	Southeastern N			T OLDINA	O12 W1111	. GEOGI	Northwestern New	-
T. An	hy			T.	Devonian		•	Т.	Ojo Alamo	
T. Sal	t	•••••		T.	Silurian			T.	Kirtland-Fruitland	
				T.	Montoya	7320)!	Т.	Farmington	***************************************
T. Ya	tes	2	670	T.	Simpson				Pictured Cliffs	•
T. 7 I	Civers	•••••••		T.	McKee				Menefee	
				T.	Ellenburger	•••••		т.	Point Lookout	
				T.	Gr. Wash				Mancos	
				Т.	Granite				Dakota	
			190!	T.	Connell				Morrison	
			51.751	T. T.					Penn	
				Т.						
				Т.		•				
				Т.	***************************************					
1		•••••••			FORMATIO					,
		Thickness				<u> </u>		Thicknes	s	
From	То	Thickness in Feet	Fo	rmati	on	From	То	Thicknes in Feet		on
From	90	in Feet	Surface San		····	From		in Feet		
	90	in Feet	Surface San Rock		····	From	DE	in Feet	NS - TOTCO SURV	
	90 105 185	in Feet	Surface San Rock Red Bed	d &	Caliche	From	<u>DE</u>	in Feet	TOTCO SURV	
	90 105 185 1275	in Feet	Surface San Rock Red Bed Red Bed & R	d &	Caliche Rock	From	DE	in Feet	DEG. OFF	
	90 105 185 1275 1375 1555	in Feet	Surface San Rock Red Bed Red Bed & R Red Rock & Salt	d & ed l Anhy	Caliche Rock ydrite	From	DEPTH 200 1 800 1050	in Feet	DEG. OFF 3/4 1/2 1/2	
	90 105 185 1275 1375 1555 2250	in Feet	Surface San Rock Red Bed Red Bed & R Red Rock & Salt Salt & Anhy	d & ed l Anhy	Caliche Rock ydrite	From	DEPTH 2001 800 1050 1326	in Feet	DEG. OFF 3/4 1/2 1/2 3/4	
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	90 105 185 1275 1375 1555 2250 3028 3330 7368	in Feet	Surface San Rock Red Bed & R Red Rock & Salt Salt & Anhy Anhydrite Anhydrite & Lime	d & ed I Anhy	Caliche Rock ydrite te	From	DEPTH 200 1050 1326 1800	in Feet	DEG. OFF 3/4 1/2 1/2 3/4 1/4	
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	90 105 185 1275 1375 1555 2250 3028 3330 7368 7404 7425 7714 7950 8072 8085	in Feet	Surface San Rock Red Bed & R Red Rock & Salt Salt & Anhy Anhydrite Anhydrite & Lime Lime & Cher Lime Lime & Cher Lime Lime & Shal Shale & San Shale	d & ed Anhydrit	Caliche Rock ydrite te	From	DEPTH 200 1 800 1050 1326 1800 2050 2325 2600 3680 3980 4300 4600 5550 5850	in Feet	DEG. OFF 3/4 1/2 1/2 3/4 1/4 1/2 1 1-1/2 1 1 3/4 3/4 1/4 1/2	
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	90 105 185 1275 1375 1555 2250 3028 3330 7368 7404 7425 7714 7950 8072 8085 8116 8153 8164 8188 8200 8220	in Feet	Surface San Rock Red Bed & R Red Rock & Salt Salt & Anhy Anhydrite Anhydrite & Lime & Cher Lime Lime & Cher Lime Lime & Shal Shale & San Shale & San Shale & Lim Shale & Lim Shale & Lim Shale & Lim Shale & Lim Shale	d & ed I Anhy drit	Caliche Rock ydrite te	From	DEPTH 2001 800 1050 1326 1800 2050 2325 2600 3680 3980 4300 4600 5550 6500 6950 7475	in Feet	DEG. OFF 3/4 1/2 1/2 3/4 1/4 1/2 1 1-1/2 1 1 1-1/2 1 1 1/2 1 1/2 1/2 1/2 1/2 1/2 1/2 1/	
	90 105 185 1275 1375 1555 2250 3028 3330 7368 7404 7479 7714 7950 8072 8085 81164 8188 8200	in Feet	Surface San Rock Red Bed & R Red Rock & Salt Salt & Anhy Anhydrite Anhydrite & Lime & Cher Lime Lime & Cher Lime Lime & Shal Shale & San Shale & San Shale Shale & Lim Shale & Lim Shale & Lim Shale & Lim Shale	d & ded I Anhydrit	Caliche Rock ydrite te ne		DEPTH 2001 800 1050 1326 1800 2050 2325 2600 3680 3980 4300 4600 5000 5550 6150 6500 6950 7475 7790	in Feet	DEG. OFF 3/4 1/2 1/2 3/4 1/4 1/2 1 1-1/2 1 1 1-1/2 1 1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	
	90 105 185 1275 1375 1555 2250 3028 3330 7368 7404 7425 7714 7950 8072 8085 8116 8153 8164 8188 8200 8220	in Feet	Surface San Rock Red Bed & R Red Rock & Salt Salt & Anhy Anhydrite Anhydrite & Lime & Cher Lime Lime & Cher Lime Lime & Shal Shale & San Shale & San Shale Shale & Lim Shale & Lim Shale & Lim Shale & Lim Shale	d & ded I Anhydrit	Caliche Rock ydrite te		DEPTH 2001 800 1050 1326 1800 2050 2325 2600 3680 3980 4300 4600 5000 5550 6150 6500 6950 7475 7790	in Feet	DEG. OFF 3/4 1/2 1/2 3/4 1/4 1/2 1 1-1/2 1 1 1-1/2 1 1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	

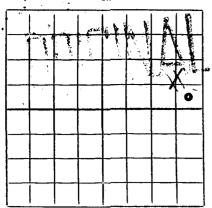
November 14, 1952

Address Box 2167, Hobbs, New Mexico

Position or Title....Area. Prod. Supt.

as can be determined from available records.

Company or Operator Gulf Oil Corporation



Result of Production Stimulation....

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

NOV 44 1952

ba. Cure Maticil

.....Depth Cleaned Out......

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.

LOCA	AREA 640 ACI	RES RRECTLY	of the Comm	nission. Submit in (QUINTUPLICA	ATE.	
Gul	f Oil Co	rporation	rator)	•	•••••	Harry Leonard	nEu
	5	, inSE				1-S , R	37-Е ,
							County
							Fast lin
							L952
		- ·		_	_	•	19
Address	Box 120	6. Odessa	Texas				
Elevation abo	ove sea level	at Top of Tubi	ng Head	 L	The inf	ormation given is to	be kept confidential unti
				,		5	no nopi comunicati una
			01	IL SANDS OR ZO	NATES C		
No. 1 from	78551		80351	No. 4	from		
No. 2 from	غ <i>ر امو</i> امور المهارية	•	·O	No. 5	from	011 co. to	TION COMMISSION
No. 3 from	•••••			No 6	from	SANTA HE	TION COMMISSION
No. 3, Irom		······································				11 11 2	1111 17:00
.				RTANT WATER		NOV 12	
			l elevation to which				¹⁹⁵ 2)[[[
•			toto			٠ ١	rv <u>L</u> [[]
No. 3, from			toto	***************************************	`	foot	· · · · · · · · · · · · · · · · · · ·
No. 4, Irom					•••••••		
			1	CASING RECOI	RD 🗸		
SIZE	WEIG PER F	HT NEW DOT USI		KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
12-3/4"	50#	. Ne					
8-5/8" 5-1/2"						79291 - 7865	Production
<u>5-1/2"</u>	1518 2	PO# Ne	7988			1929 - 7605	Production
		:	MUDDING	AND CEMENT	NG RECORD	~	
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED		MUD RAVITY	AMOUNT OF MUD USED
17-1/4"		2681	325	HOWCO			
77/01	8-5/8"	27991	1000	HOWCO			
7-7/8"	<u>5₹</u> "	7999!	131	HOWCO			
			RECORD OF	PRODUCTION A	ND STIMULAT	TION	
		(Record	the Process used, N	o. of Qts. or Gals	. used, interval	treated or shot.)	
			. 1 3		,		
••••••	*******************************		*******************************	NONE		••••••	
			***************************************	***************************************			

..NONE

	Fe, New Mexico	Santa				
COMMISSION	NEW MEXICO OIL CONSERVATION COMMISSION	OIL (MEXICO	NEW	. ,:	

5 . S

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 HOBES CERT

Company or Operator. Gulf Oil Corporation	Lease Harry Leonard "E"
Address Box \$-167, Hobbs, New Mexico	Box 1290, Fort Worth, Texas
(Local or Field Office)	(Principal Place of Business)
UnitH., Well(s) No5, Sec	T 21-S R 37-E Pool Hare of Camission
County Lea. Kind of Lease:	SANTA FE, NEW MIXICO.
If Oil well Location of TanksOn Lease	DEC 8 1052
Authorized Transporter	unparty United States of Transporter
Midland, Texas (Local or Field Office)	Dallas, Texas. (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported100	Other Transporters authorized to transport Oil or Natural Gas
from this unit arcpope	0%
REASON FOR FILING: (Please check proper box)	
NEW WELL	CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER	OTHER (Explain under Remarks)
REMARKS:	

The and animal souther that the Buller and Bundletter of the Oil Occasion of

DRILL STEM TESTS

No. 1. 7-29-52 - Drill Stem Test - Misrun.

No. 2, 7-30-52 - 1 Hour Jehnston Drill Stem Test 7290-7415' with 3/4" choke at 7265' - Used 2 packers at 7290' and 7284' - Bombs at 7423' and 7421' - Tool opened 12:30 AM 7-30-52 - No gas, good blow of air throughout test - Recovered 350' gas cut mud with trace oil, no water - Hydrostatic Pressure 3875# - Flowing Pressure 150# - 15 minute BHP 475#.

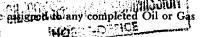
No. 3, 9-6-52 - 12 Hour Halliburton Drill Stem Test 7875'-7950' with 5/8" choke at 7841' - Used 2 packers at 7867' and 7875' - Bombs at 7847' and 7948' - Tool opened 2:15 PM 9-6-52 - Gas to surface 9 minutes, 24 hour rate 12,800 cu.ft. - No fluid - Decrease and very weak blow of air 30 minutes, and dead in 1 hour - Recovered 3530' fluid, 3000' oil and gas cut mud, cut 40% oil, 530' salt water, 100' white sand - Hydrostatic Pressure 3876# - Flowing Pressure initial 780# final 2140# - No BHP.

No. 4, 9-11-52 - 1 Hour Halliburton Drill Stem Test 8175-8220' with 5/8" choke at 8194' - Used 2 packers at 8167' and 8175' - Bombs at 8148' and 8218' - Tool opened 9:45 AM 9-11-52 - No water blanket - Medium blow of air 30 minutes and bubble of air remainder of test - Recovered 55' drilling mud, no shows - Hydrostatic Pressure 4150# - Flowing Pressure 0# - 15 minute BHP 0#.



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 the any completed 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 "E"
Address Box 2167, Hobbs, New Mexico	Fort Worth, Texas (Principal Place of Business)
	, T.21-S, R37-E, Pool. Hare - Undesignated
County Kind of Lease:	State
If Oil well Location of Tanks	9
Authorized Transporter Magnolia Pipe Line Compar	Address of Transporter
Midland, Texas	Dallas, Texas (Principal Place of Business)
·	
Per cent of Oil or Natural Gas to be Transported	Other Transporters authorized to transport Oil or Natural Gas
from this unit are	1
•	·····%
	//
REASON FOR FILING: (Please check proper box)	
NEW WELL	CHANGE IN OWNERSHIP
CHANGE IN TRANSPORTER	OTHER (Fundam and Jan Dawarda)
· ·	OTHER (Explain under Remarks)
REMARKS:	in the Transform Calcability
Meddest that mits well be blaced 1	in the Propation Schedule exective
October 27, 1952.	in the Proration Schemes effective
	OII 3411/4 2 1 1952
	C NOV 5 NED
	Mo Link
The undersigned certifies that the Rules and Regulation	as of the Oil Conservation Commission have been complied with.
Executed this the31stday of	October , 1952 19 19
4 4056	Gulf Oil Corporation
Approved, 19, 19	2
	Ela tallar
OIL CONSERVATION COMMISSION	By Mas Infugy
By (Sum	Title Area Prod. Supt.
Title Engineer District 1	
V	s on Reverse Side)

NEW ME CO OIL CONSERVATION COMMISSI Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

Recompletion.

This form shall be submitted by the operator before an initial allowable will be assigned to any completed oil of Ga5 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 titled during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well with a delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

into the stock	tanks. Gas	must be re	eported on 15.025 psia at 60°	Hobbs, New (Place)	Mexico	Octol	per 31,	
WE ARE HI	EREBY RE	QUESTI	NG AN ALLOWABLE FOR	A WELL KNO	OWN AS:			
Gulf Oil	Corpora	tion	Harry Leonard "E" (Lease)	, Well No	<u>5</u> ,	in SE	.1/4NE	
•			, т. 21- S, R. <u>37-</u> Е	NMPMН	are - Unde	signated		Pool
(Unit)								
	Lea		County. Date Spudded6	5-22-52	, Date Comp	leted 10-2	27-52	
Please	indicate lo	cation:					•	
			Elevation3493!	Total Dep	oth 3220!	, P.B	7930	
		1	Top oil/gas pay78	365!	. Top of Prod.	Form	78551	
		6	Casing Perforations:	78651 - 7	9201	,		or
			Depth to Casing shoe of	f Prod. String	79991			••••••
			Natural Prod. TestPu based on Test after acid or shot	mped 19 bbl	s oil in 2	homesso.	(U)	BOPD
			based on	bbls. Oil ir	OH CONSERVE	THIS ILLY		Mins.
•			Test after acid or shot		MI nov	5 1952		B OPD
Casing a Size	nd Cementin Feet	g Record Sax	Based on	bbls. Oil in	10, 140	1952 5 1954		Mins.
			Gas Well Potential					
12-3/4"	251.1	325				•		
8-5/8"	27861	708	Size choke in inches					
5.7.60	7000		Date first oil run to tan	ks or gas to Trai	nsmission system	a: October	27, 19) 52
5-1/2"	79881	131	Transporter taking Oil	or Gas: Magn	olia Pipe I	ine Compa	ıny	
			well be placed in th This drilling unit c					
I hereby	certify that	t the infor	mation given above is true ar	nd complete to t	he best of my k	nowledge.		
Approved		₹.31. 1	, 19	Gul	Company of			
OIL	CONSERY	ATION	COMMISSION	By: Ohi	Signal (Signal	ture	··	
Bv:	4.0	-05	nu	TitleArea	Prod. Sup			
T:41			//		Communication		well to:	
Title	er jarek	eer Distr	ict]	NameGul	COIL Corpo	ration		
				AddressBox	2167, Hobb	s. New Me	مختص	

NEW MEX CO NSERVATION COMMISSION Santa Fc. New Mexico TS ON WEL

Box 2167, Hobbs, New Mexico

Submit this report in TRIPLICATE to the District Office, Conservation Commission, within 10

REPORT ON BE DRILLING OPE REPORT ON RE DF PLUGGING		REPORT	are of Report by Checkin	ng Below		Marian
REPORT ON RE				11		
		OF CASI	ON RESULT OF TEST		PORT ON PAIRING WELL	
		REPORT OPERAT	ON RECOMPLETION		PORT ON her)	
			September 22, 1	952	Hobbs,	New Mexico
Following is	a report on the wor	k done and the resu	lts obtained under the hea	ding noted abov	re at the	**************************************
Gulf Oil	Corporation (Company or C	perator)		Harry Le	onard HEH (Lease)	DD-D4-030
Fran Dri	11ing Company	, or)	, Well No5	in the.	SE 1/2 NE 1/2	of Sec. 16
·21_S, R_3	7-E., NMPM.,	Hare Undesign	eted P∞l	,	Lea	Count
The Dates of this	work were as folows:.	Septembe	r 14-17, 1952		*******************************	
Notice of intention	n to do the work (1002	(was not) submitt	ed on Form C-102 on			19
nd approval of the	ne proposed plan	(was not) obtaine	d.	(Cross out	SANTA FE. NEW	
			F WORK DONE AND I		AINED	9
7	emented at 79	99' w/131 sac	5½" OD 8 RT 15.5 ks Portland Trini O#. Temperature s	ty bulk ce	ment. Plug at _	/
T			drilled out ceme ressure for 30 mi			p P
		of Mr. Yarbromplete well.	ough, State Oil a	nd Gas Ins	pector, prepar	ations
						<i>1</i>
Witnessed by	R. S. Runyon (Name)	Gul	f Oil Corporation		Drilling For	eman
			•			

s Inspector

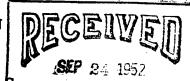
SEP 24

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



ISCELLANEOUS REPORTS ON WELL



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 the test 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.

	of the Commission.		
	Indicate Nature of Report by Checking Bel	low	
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) PERFORATING	xx
	September 22, 1952	Hobbs, New Me	exico
Following is a report on the work do	one and the results obtained under the heading n	oted above at the	
Gulf Oil Corporation	Harry or)	Leonard "E"	
	, Well No5		Sec. 16
(Contractor)	-	•	
	e Undesignated Pool,	•	
The Dates of this work were as follows:	September 17, 1952		***************
Notice of intention to do the work	was not) submitted on Form C-102 on	(Cross out incorpact words)	, 19
and approval of the proposed plan (Call)		(Orona dae institute words)	
DETAILE	D ACCOUNT OF WORK DONE AND RESU	LTS OBTAINED	
		•	
Perforated	5½" casing from 7920° to 7865° 1	with 4, ½" jet holes	
per foot by		•	
		NSERVATION COMMISSION	
	OIL (X)	NSERVATION LE MEXICO.	
		NSERVATION MEXICO. NTA FE, NEW MEXICO. TO 1952	
	Tr.	SEP 29 1952 /	
	W.		
		SEP 29 1952	

(178116)	(Company)	(Title)
OIL CONSERVATION COMMISSION OIL CONSERVATION COMMISSION (Name) (OIL Gas Inspector	Name	n Bys
Chief & Gas Inspector		x 2167, Hobbs, New Mexico

NEW M. AICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON V

JUL 9

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, with pleted. 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,

pleted. It should be signed and filed as a r result of well repair, and other importan instructions in the Rules and Regulations	t operations, even though the we			
	Indicate Nature of Report	by Checking Bel	ow	
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON RESULT OF CASING SHUT-OF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	REPORT ON RECOMI OPERATION		REPORT ON (Other)	
	July 7,	1952	Hobbs, New 1	Mexi co (Place)
Following is a report on the work of	lone and the results obtained un	der the heading no	oted above at the	
Gulf Oil Corporation (Company or Oper	ator)	Harry Le	eonard "E" (Lease)	·
Fran Drilling Company (Contractor)	, W	/ell No5	in the SE 1/4 NE	¼ of Sec. 16
т. 21-5., к. 37-Е., ммрм., Наг	e - Undesignated	Pool,	Lea	County.
The Dates of this work were as follows:	July 5, 19	952	•••••	^~~~~~
Notice of intention to do the work (was)	Submitted on Form C-	102 on	July 2, 1952 Cross out incorrect words)	, 19,
and approval of the proposed plan (was)				
DETAIL	ED ACCOUNT OF WORK DO	NE AND RESUL	TS OBTAINED	
for 30 minutes. T 3:00 PM July 5, 1 After approv	g over 30 hours tested here was no drop in page 952. al of Mr. Yarbrough, made to drill ahead.	oressure. Dri	illed cement and pl	ug , \ \ \
			الله المناسب المسالم الله المناسبة	
			4.0	* 5 *
		•		
Witnessed by R. A. Spiers (Name)	***************************************	Corporation ompany)	Drilling Fore	man
Approved: OIL CONSERVATION CO	DMMISSION to	hereby certify that o the best of my kr	the information given above in the information given give	s true and complete
Roy yurhrau	gh 1	Vame.	O Borlane	1
(Name)	,		Area Prod. Supt.	
(Title)	O 105		ulf Oil Corporation 2167, Hobbs, New Me	
		19000-19000-1		



W MEXICO OIL CONSERVATION COMMISSION E Santa Fe, New Mexico

RECEIVED

JUL 9 1952

Name Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work profited in Triplication Acopy with 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 o	of Notice by Checi	king Below	
Notice of Intention to Change Plans	Notice of Intent Temporarily Aba		Notice of Intention to Drill Deeper	
Notice of Intention to Plug Well	Notice of Intent to Plug Back	rion	Notice of Intention to Set Liner	
Notice of Intention to Squeeze	Notice of Intent to Acidize	TION	Notice of Intention to Shoot (Nitro)	
Notice of Intention to Gun Perforate	Test Casing Notice of Intent (Other)	Shut-off	Notice of Intention (Other)	
OIL CONSERVATION COMMISSANTA FE, NEW MEXICO	ssion Hob)	bs <u>New Mexi</u>	.co July 2	1952 Date)
Gentlemen:				
Following is a Notice of Inter	ation to do certain work as dese	cribed below at the	e Harry Leonard "	<u>En</u>
Gulf Oil Corporati	On or Operator)	***************************************		in H (Unit)
· · · · · · · · · · · · · · · · · · ·	-	, r. 37 - E,	NMPM, Hare — Undesig	•
Lea	County.	·		
(1	FULL DETAILS OF I			
	SEE AT	TTACHED SHEE	T	
			OIL CONSCIONATION	COMMISSION 1952 1952
ApprovedExcept as follows:	JUL 9 1955 , 19	Ву	ulf Oil Corporation Company or Operator Documents ast. Area Prod. Supt.	d
Approved OIL CONSERVATION COMMIS	ssion /		Send Communications regarding	g well to:

Harry Leonard "E" #5

A. 1986年1

RECEIVED

On June 28, 1952 ran 87 joints and 1 piece 278 11900 151 1845/8 OD 32# J-55 8 Rnd Thd. SS casing w/ST&C. Cameron float shop on OFFICE bottom and Cameron float collar at 2719. Three Weathorford centralizers at 2793', 2748' and 2687'. Set at 2799'. Pumped 708 sacks Longhorn 4% gel bulk cement and casing plugged. Unable to pump. Unable to clean cement out of casing. Set slips and cut pipe off. Drilled cement float and shoe, completed 6:00 AM June 29, 1952. Waited 6 hours and ran HOWCO temperature survey. Found top of cement at 2290' outside 8-5/8" casing. Completed 5:00 PM 6-29-52. Spotted 35 sacks regular cement thru 2-3/8" tubing from 2491! to 2366', displaced w/9 bbls. water. Pulled up to 2100' & circulated Job completed at 11:00 PM 30th. Found top of cement solid after 10 hours. Tested w/1000# - OK. Perforated 8-5/8" casing at 2240" w/two 7/16" bullet holes. Broke circulation w/600# pressure. Circulated free. Ran HOWCO D.M. cement retainer on 2-3/8" tubing. set at 21801. Recemented 8-5/8" casing thru perforations at 22401 w/900 sacks DT 6% gel cement and 100 sacks Neat on bottom. Displaced tubing w/8 bbls water. Maximum pressure 800#. Circulated 140 sacks cement. Job completed at 4:30 PM July 1, 1952.

Drilled HOWCO D.M. Retainer 2180: 2182: and cement from 2182: to 2250:, cleaned out to 2366: Tested casing w/1600#, pressure dropped to 700# in 30 minutes w/rams closed on $4\frac{1}{2}$ " DP. Ran HOWCO retractable retainer on $4\frac{1}{2}$ " DP and set ay 2250: Tested casing below perforations at 2240: w/2000# OK. Set same at 2230: Pumped thru perforations at 1600#. Pumped 10 bbls water 2 bbls Permin w/2000# pressure. Ran Baker modle K cement retainer on 2-3/8" tubing set at 2206: and squeezed perforations w/100 sacks regular Trinity cement. Displaced w/8 bbls water. Maximum pressure 1600#. Backed off retainer and pulled tubing. Completed 8:00 PM 3 July 52.

Propose to test casing shut-off 2:00 AM July 5, 1952



LXICO OIL CONSERVATION COMMOSION NEW

MISCELLANEOUS REPORTS

Submit this report in triplicate to the Oil Conservation Commission District of the Conservation Commission District of Conservation Conservati of casing shut off, result of plugging of well, and other important operations, even agent of the Commission See additional instructions in the Rules and

work was witnessed by an

	te 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	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WI		
	June 26, 1952 Hobbs, New M	exico
-	results obtained under the heading noted above at the	
Gulf Oil Corporation Company or Operator	Harry Leonard "E" Well No. 5	in the
SE NE of Sec.	16 , _T 21-S , _R 37-E , _N	. M. P. M.,
Hare - Undesignated Pool	Lea	County.
_	June 24, 1952	_
After waiting of pressure for 30 minument plug at 250.	o obtained. (Cross out incorrect words.) NOT OF WORK DONE AND RESULTS OBTAINED over 24 hours tested 12-3/4" casing w/1000# utes. There was no drop in pressure. Drilled Tested cement w/400# pressure for 30 minutes. n pressure. Job complete 4:30 PM 6-24-52. of Mr. Yarbrough. State Oil and Gas Inspector.	
After approval preparations were ma	ade to drill ahead.	
	ade to drill ahead.	

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

modification modif modifications considered

Submit this notice in triplicate to the Oil Conservation Comm	mission or its proper agent before the work spec	ified to to
begin. A copy will be returned to the sender on which will advisable, or the rejection by the Commission or agent, of the and work should not begin until approval is obtained. See the Commission.	l be given the approval, with any modifications.	considered
Indicate nature of noti	ce by checking below:	To the state of th
NOTICE OF INTENTION TO TEST CASING SHUT-OFF	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		
	Hobbs, New Mexico June 25,	1952
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico		
Gentlemen:		
Following is a notice of intention to do certain work as desc	ribed below at the	
Gulf Oil Corporation Harry Leona		SE NE
Company or Operator Lease		
of Sec. 16 T. 21-S R 37-E N	N. M. P. M., nare - undesignated	Field.
Lea County.	•	
FULL DETAILS OF PROF	· · · - · · - · · · · · · · · · · ·	
On June 23, 1952 ran 7 joints 251 casing w/Larkin Guide shoe. Set and cer Longhorn cement. Plug at 250. Maximum 4:00 PM June 23, 1952. Cement Circulat	mented at 268° w/325 sacks Neat pressure 200#. Job completed at	
Propose to drill plug and test ca		
	PARTICIPATION POSTORISSION	
	On which was a series of the	
	00 1052	
1	JUN 30 1852 AM	
· Military as a second		
26 1852		
Approved	Gulf Oil Corporation	
•	By CD Bolance	L
	Position AssTarea Prod. Supt. Send communications regarding we	ell to
OIL CONSERVATION COMMISSION,	Name Gulf Oil Corporation	
By My yarbracyh	Address Box 2167, Hobbs, New Mex	ico
Title Of & Gas Inspector	***************************************	

NEW EXICO OIL CONSERVATION COMM. SION

MISCELLANEOUS REPORTS ON WI

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report 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. See additional instructions in the Rules and Regulations of the Commission.

Indicate natu	_			· /
	re of repo	rt by checking belo	ow.	/
REPORT ON BEGINNING DRILLING OPERATIONS	XX	REPORT ON	REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL			PULLING OR OTHERWISE G CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON	DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL				
	June	24, 1952 Date	Hobbs, New Me	exico
Following is a report on the work done and the results		_		
Company or Operator		Lease	Well No	
SE NE of Sec. 1	6	, т <u>21-</u> S	, R. 37-E	N. M. P. M.
Hare - Undesignated Pool		Lea	·	County
The dates of this work were as follows:June	22 10	52	•	
Emon Dwilling Compo			. •	
tran nerring comba	ny move	d in and spud	ded 17½" surface	
hole at 9:00 PM June 22,		in and spud	ded 17½" surface	
		in and spud	~	
		in and spud	THE THE PARTY OF T	
		in and spud	~	
		d in and spud	THE THE PARTY OF T	
hole at 9:00 PM June 22,	1952.	L Corporation	JUN 30 1952 Drilling Fo	
hole at 9:00 PM June 22,	1952.		JUN 30 1952	
witnessed by W. G. Cagle Name APPROVED: OIL CONSERVATION COMMISSION	1952.	L Corporation	JUN SO 1852 Drilling Formation g	
hole at 9:00 PM June 22, Witnessed by W. G. Cagle Name	1952.	L Corporation Company I hereby swear or is true and correct	JUN SO 1852 Drilling Formation g	····

34W 25 1952 19

Representing Gulf Oil Corporation

Address Box 2167, H obbs, New Mexico

Company or Operator

PCINAL NEW MEXICO OIL CONSERVATION COMMISSION NOTICE OF INTENTION TO DRILL

NEW MEXICO OIL CONSERVATION COMMISSION RECEI

See Rules 101 and 1104.

the send	ler. Submit this n	ed plan are considered otice in triplicate. On	e copy will be return	ed following appr	ova UL CU	NSERVATIO HOBBS-(N COMMISSION Office
•••••••		nobbs ₂	New Mexico		ume 25	7. TADK	Date
		that it is our intention					
Gu	lf Oil Corpo	ration Har	ry Leonard "E"	well	No5	i	n SE NE
of Sec	16 T 21	pany or Operator -S, R. 37E	., N. M., P. M., Har	Undesign	ated)	Lea	County
	N		231 0 fe				
	REA 640 ACRES	(Give location of Control of Cont	ne of the above section action from section line the oil and gas lease is and the owner is	nes. Cross out wro No. 27179 s ration - For Worth, Texa	Assign t Worth	Product	ion Div.
	us of a bond for th	y Tools — Contr is well in conformance	with Rule 101 of the		-		
		owing strings of casin		ent them as indica	ated:	•	
Size o		Weight Per Foot	New or Second Hand	Depth	Lande Ceme		Sacks Cement

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
17-1/4"	12-3/4"	50#	New	2501	Cemented	300
11"	8-5/8"	28#	New	28001	Cemented	900
7-7/8"	5 <u>1</u> "	17#	New	80001	Cemented	950

If changes in the above plans become advisable we will notify you before cementing or landing casing. We estimate that the Additional information:

"IN 75 1952

except as follows:

Position Ass Area Prod. Supt. Send communications regarding well to: Name Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico

This Plat	exhibits	the	exact	location	of G	ulf Oi	l Corpo	ration's	No.	5 Mc	C
Harry Leon	ard "E"	in	Sec.					Range _			

SECTION	 	N.890 56	T-21-S	. RA	NGE R-37	
· · · · · · · · · · · · · · · · · · ·		80.02				
· · · · · · · · · · · · · · · · · · ·				·		2310'
N OC						e330¹
X					·	80.00
		N SO	956'W			

This is to certify that I am a Registered Land Surveyor, that the above plat was prepared under my direction and that the same is true and correct to the best of my knowledge and belief.

J. A. Teague

COUNTY	LEA	FIELD	Wildcat	ST	ATE NM MN O	6624
OPR	GULF OIL CORP		<u> </u>		M/	\P
	5 Leonard, Ha	erry (1	NCT-E)		41 A T S	
	Sec 16, T-21-9	3, R-37	7-E		co-ó	RD
	2310' FNL, 330)' FEL	of Sec.		. 44.	, *****, \$#
	Re-Spd 9-2-69			CLASS	agent)	EL
-	Re-Cmp 9-11-69) _{DEFEND}	FORMATION	DATUM	FORMATION	DATUM
	(- TUBING			The state of the s	1.7.7.7.7.1.	£ -0.€
12 3/4	i" at 268' w/32	25 sx				
8 5/81	'at 2799' w/1	100 sx				
5 1/2	'at 7999' w/13	31 sx				7
LOGS E	L GR RA IND HO	. A				
			TD 8220';	PBD 7375		

IP (Montoya) Perfs 7295-7333' P 226 BOPD + 6 BW. Pot based on 24 hr test. GOR NR; Grav NR.

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CONT.

PROP DEPTH 7450 1 TYPE WO

```
F.R. 9-2-69
            PD 7450' WO (Montoya)
            (Orig. comp 7-3-52 thru Perfs 7865-7920', OTD 8220',
            P&A 1-6-53)
9~4-69
            TD 8220'; CO @ 2576'
9-10-69
            TD 8220'; Drlg. Cmt @ 6224'
            Ran 5 1/2" casing to tie-in to old casing @ 5351'
            TD 8220'; PED 7375'; Tstg
9-18-69
            Perf 7295-97', 7317-19', 7331-33' w/4 SPF
            Acid (7295-7333') 500 gals
            F1wd 2 BO in 2 hrs thru 20/64" chk (7295-7333')
            Acid (7295-7333') 2000 gals
            Swbd 60 BO in 8 hrs (7295-7333')
9-22-69
            TD 8220'; PBD 7375'; SD
```

LEA GULF OIL	Wildcat NM Sec 16,T21S,R37E CORP. 5 Leonard, Harry (NCT-E) Page #2	,
9 - 30-69 10-14-69	TD 8220'; PBD 7375'; TO Pmp Ppd 63 BO + 3 BW in 7 hrs TD 8220'; PBD 7375'; COMPLETE	
10-16-69	Salate Completion REPORTS CERT W/225 ex	
	27 ± 2799 ± 72205 €2. 27 ± 7999 m/133 c	. 3
	A DR SAT AR AR AR AS	- 25

timustakuun en ori o Suul enterieri etti 包裹基準 uu sep Page: 1 Document Name: untitled

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ONGARD

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OG6IWCM

INOUIRE WELL COMPLETIONS

OGOMES -TPNM

API Well No : 30 25 6623 Eff Date : 08-01-1995 WC Status : P

Pool Idn : 60240 TUBB OIL AND GAS (OIL)

OGRID Idn : 4323 CHEVRON U S A INC Prop Idn : 2669 HARRY LEONARD NCT E

Well No : 004 GL Elevation: 3475

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : A 16 21S 37E FTG 660 F N FTG 660 F E A

Lot Identifier: Dedicated Acre: Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

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Page: 1 Document Name: untitled

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ONGARD

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OG6IWCM

INOUIRE WELL COMPLETIONS

OGOMES -TPNM

API Well No : 30 25 6623 Eff Date : 02-15-1994 WC Status : A

Pool Idn : 86440 TUBB OIL & GAS (PRO GAS)

OGRID Idn : 4323 CHEVRON U S A INC Prop Idn : 2669 HARRY LEONARD NCT E

Well No : 004 GL Elevation: 3475

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : A 16 21S 37E FTG 660 F N FTG 660 F E A

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 1/20/2000 Time: 01:53:02 PM

Page: 1 Document Name: untitled

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ONGARD

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OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TPNM

API Well No : 30 25 6624 Eff Date : 03-30-1998 WC Status : T

Pool Idn : 19190 DRINKARD

OGRID Idn : 4323 CHEVRON U S A INC Prop Idn : 2669 HARRY LEONARD NCT E

Well No : 005 GL Elevation: 3481

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : H 16 21S 37E FTG 2310 F N FTG 330 F E A

Lot Identifier:

Dedicated Acre: 40.00

Lease Type : S

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 1/20/2000 Time: 01:53:50 PM

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ONGARD

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OGOMES -TPNM

PAGE NO: 1

SSECT INQUIRE LAND BY SECTION

Sec : 16 Twp : 21S Rng : 37E Section Type : NORMAL

D	C	В	A
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B01557 0001	B01557 0001	B01732 0001	B01732 0001
ALTURA ENERGY LTD	ALTURA ENERGY LTD	CHEVRON U S A INC	CHEVRON USAIN
12/29/38	12/29/38	02/28/43	02/28/43
A	A !	A	A A
E	F	G	 H
40.00	40.00	40.00	40.00
CS	¦ cs	CS	CS
B01557 0001	B01557 0001	B01732 0001	B01732 0001
ALTURA ENERGY LTD	ALTURA ENERGY LTD	CHEVRON U S A INC	CHEVRON USAIN
12/29/38	12/29/38	02/28/43	02/28/43
A	A	A	A A
DE01 HELD DE02		704 G-W- DD05	DE0.6
F01 HELP PF02		F04 GoTo PF05	PF06
F07 BKWD PF08 FWI	D PF09 PRINT PI	F10 SDIV PF11	PF12

Date: 1/20/2000 Time: 01:52:21 PM

CMD : OG5SECT ONGARD

INQUIRE LAND BY SECTION

01/20/00 13:39:11 OGOMES -TPNM

PAGE NO: 2

Sec : 16 Twp : 21S Rng : 37E Section Type : NORMAL

L	K	¦ J	¦ I
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B00085 0015	B00085 0015	B00085 0015	B00085 0015
COLLINS & WARE	COLLINS & WARE	COLLINS & WARE	COLLINS & WARE
C 07/28/38	C 07/28/38	07/28/38	07/28/38
A A	A	A	A A
М	 N	0	i P
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B08105 0003	B08105 0003	B08105 0003	B08105 0003
JOHN H HENDRIX CO	JOHN H HENDRIX CO	JOHN H HENDRIX CO	JOHN H HENDRIX (
C 04/10/49	C 04/10/49	04/10/49	04/10/49
A	A	A A	A A
	i		I
PF01 HELP PF02	PF03 EXIT P	F04 GoTo PF05	PF06
PF07 BKWD PF08 FW	D PF09 PRINT P	F10 SDIV PF11	PF12

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