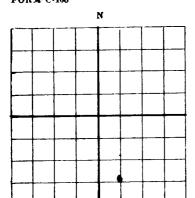
FORM C-105



NEW MEXICO OIL CONSERVATION COMMISSI

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data

	REA 640 AC E WELL CO	ORRECTLY									
Hu	mble 0	il & Re	fining C	ompany						Texas	
N. M	. Stat	Company or (Operator Well No.2		. SWiof	SEŁ, s.	, 18	Address }		т_ 22 -	South
	Lease						·			., 1	
R. 37-E		N. M. P. M.	Arrowhe	19	Field, BO	Lea			Sec	tion 1	County.
Well is 4					Assignmen						 •
If State la	and the oil	and gas leas	se is No. 37								
-			tee is								
The Lesse	e is Hun	ble 0il	L & Refin	ing Co	mpany	, A	ddress_	Hou	sto	n. Tex	18
Drilling c	ommenced.				Drilling						
Name of	drilling co	ntractor	Co Rig #	138		Address	Hot	bs,	N.	М.	
Elevation	above sea	level at top	of casing3	406'	feet.					_	
The inform	mation give	en is to be k	opt confidentia						1	9	
		3625 *	. 372		DS OR ZONI No. 4, fr				to		
No. 1, from	111		to								
			to								
					WATER S						
Include d	ata on rate	e of water i	nflow and elev	ation to w	hich water r	ose in hol	e.				
No. 1, fro)m			to			fee	t			
No. 2, fro	om			to			fee	t			
No. 3, fro	o m			to			fee	t			
No. 4, fro	o m						fee	ot			
				CASIN	G RECORD				<u></u>		
	weight	THREA	ADS MAKE	AMOUNT	KIND OF SHOE	CUT & F FROM				RATED	PURPOSE
SIZE	PER FOO	T PER IN	ICH MAKE	432 t	SU			FROI	4	то	
9 <u>-5/8</u> *5-1/2*	36# 1.7#		LW		Hallib	urton					
	BING	70 // 0		70071							
2" USE	4.	70# 8		3687°							
			MUDI	DING AND	CEMENTING	RECOR	D				
						T			====		
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMEN		HOD USED	MU	D GRAV	TTY		MOUNT OF	MUD USED
)-5/8 ^m	4451	125		iburton				15	Tons	
627 5	5-1/27	3617'	300	Hall	1bu rton	-					

	<u> </u>			PLUGS A	ND ADAPT	ERS	······································			· · · · · · · · · · · · · · · · · · ·	
Heaving	plugMa	terial_NOI	16	Length	1			Depth	Set_		
				Size							_
		R	FCORD OF	BHOOTING	OR CHEM	ICAL TR	EATM	ENT			
							DEDO		1		
			MADI VOIAS VD		i			H SHO	r		
SIZE	SHELL		EXPLOSIVE OR CHEMICAL USE			ATE		H SHOT	5	DEPTH CL	EANED OUT
SIZE	SHELL		EXPLOSIVE OR CHEMICAL USE Liburton]			ATE 20-40	372		5	DEPTH CL	EANED OUT
SIZE	SHELL								5	DEPTH CL	SANED OUT
		Hall	liburtonl	5% 300	OGal 5-	0.4-0	372	101			
Results	of shooting	Hall or chemics	liburton]	5% 300	OGal 5-	20-40 the 1	372	0°	.5 l		
Results	of shooting	Hall or chemics	liburtonl	5% 300	OGal 5-	20-40 the 1	372	0°	.5 l		
Results	of shooting	Hall or chemics	liburton] al treatment W	.5% 300 /ell fl .500 cu	owed at	the 1	372	of 4	.5 l		
Results of per h	of shooting	Hall or chemics Gas cil	liburton] al treatment W	55 300 Well fl .500 cu	owed at ft per	the 1	372	of 4	.5 k	obls of	oil
Results of per h	of shooting	Hall or chemics Gas cil	liburton] al treatment [1] l ratio]	Vell fl. 500 cu OF DRILL- on surveys	owed at ft per	the 1	372	of 4	.5 k	obls of	oil
Results of per h	of shooting	Hall conclusion of the conclus	al treatment H L ratio 1 RECORD 6	Vell fl. 500 cu OF DRILL- on surveys	owed at ft per stem AND were made, ols used	the 1 bbl 6	372 rate estin	of 4	ate s	obls of	oil tach hereto.
Results of per h	of shooting 10UF.	Hall or chemics Gas cill der special to HMENT used from	liburton] al treatment [1] l ratio]	Vell fl. 500 cu OF DRILL- on surveys Too	owed at ft per stem AND were made, ols used	the 1 bbl c	372 rate estin	of 4	ate si	obls of	oil tach hereto.
Results of per h	of shooting 10UF.	Hall or chemics Gas cill der special to HMENT used from	al treatment Will ratio I	Vell fl. 500 cu OF DRILL- on surveys Too teet to	owed at ft per stem AND were made, ols used	the 1 bbl c	372 rate estin	of 4	ate si	obls of	oil tach hereto.
Results of per h	of shooting LOUF. Stem or oth E ATTAC tools were	r or chemics Gas cill er special te HMENT used from used from	al treatment Will ratio 1 RECORD ests or deviation	Vell fl. 500 cu OF DRILL- on surveys Toget to Seet to PR.	owed at ft per stem and were made, ols used 720 fee	the 1 bbl e	372 cate estin	of 4	ate si	heet and at	oil tach hereto.
Results of per h	of shooting LOUF • Stem or oth E ATTAC tools were producing duction of	g or chemics Gas cill er special to HMENT used from used from	al treatment Mal	Vell fl. 500 cu DF DRILL- on surveys TO teet to PR 194	owed at ft per STEM AND were made, OLS USED 720 fee fee ODUCTION O barrels of	the 1 bbl e	372 cate estin	of 4 nated	s5 }	heet and at	oil tach hereto.
Results of Der L	of shooting OUF. Stem or oth ATTAC tools were producing duction of shooting	Hall cor chemics Gas cill der special to HMENT used from used from the firstman	RECORD of ster; an 2/10	Vell fl. 500 cu OF DRILL- on surveys Too teet to PR 194	OGAL 5- OWED AND WERE MAND WERE MAND TO THE ODUCTION O barrels of sediment.	the 1 bbl c	372 Cate estin	of 4 nated	ate si	heet and at et to et to % was oil;_	oil tach hereto.
Results of Der h	of shooting IOUF • Item or oth E ATTAC tools were oroducing duction of e	Hall cor chemics Gas cill der special to HMENT used from used from the firstman	RECORD of the state of the stat	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194	OGAL 5- OWED AT PER AND WERE MAD THE TEN AND THE TEN A	the 1 bbl c	372 Cate estin	of 4 nated	ate si	heet and at et to et to % was oil;_	oil tach hereto.
Results of Der h	of shooting IOUF • Item or oth E ATTAC tools were oroducing duction of e	Hall cor chemics Gas cill der special to HMENT used from used from the firstman	RECORD of ster; an 2/10	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194	OGAL 5- OWED AT PER AND WERE MAD THE TEN AND THE TEN A	the 1 bbl c	372 Cate estin	of 4 nated	ate si	heet and at et to et to % was oil;_	oil tach hereto.
Results of DOT L. If drill-s SEH Rotary (Cable to put to	of shooting IOUF. Item or oth ATTAC tools were producing duction of the rell, cu, ft. ressure, lbs	r or chemics Gas cill ter special to HMENT used from used from the firstman wa per 24 hour per sq. in.	RECORD (ests or deviation) une 1, hours was 36 ter; ar5/10	Vell fl. 500 cu OF DRILL- on surveys Too teet to PR 194 92 0 of 4	OGAL 5- OWED AT PER AND WERE MAD TEN AND TEN A	the 1 bbl 6 special submit re it, and fr	TESTS om which Be 36	of 4 nated	s5 }	heet and at eet to	oil tach hereto.
Results of per h	of shooting OUF. Item or oth E ATTAC tools were oroducing duction of control rell, cu, ft. essure, lbs	r or chemics Gas cil Gas cil HMENT used from used from the first 4 1 % wa per 24 hour per sq. in.	RECORD (ests or deviation) une 1, hours was 3 (ster; ar 1/10)	Jell fl. 500 cu DF DRILL- on surveys Too teet to	OGAL 5- OWED AT PER AND WERE MAD THE TEN AND THE TEN A	the 1 bbl 6 special submit re it, and fr	TEST: eport of which Be 36	of 4 1ated	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet
Results of per h	of shooting OUF. Item or oth E ATTAC tools were oroducing duction of control rell, cu, ft. essure, lbs	r or chemics Gas cil cer special to HMENT used from used from the firstman wa per 24 hour per sq. in.	RECORD (ests or deviation) une 1, hours was 36 ter; ar5/10	Jell fl. 500 cu DF DRILL- on surveys Too teet to	OGAL 5- OWED AT PER AND WERE MAD THE TEN AND THE TEN A	the 1 bbl 6 special submit re it, and fr	TEST: eport of which Be 36	of 4 1ated	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet
Results of per h	of shooting OUF. Item or oth E ATTAC tools were oroducing duction of control rell, cu, ft. essure, lbs	r or chemics Gas cil cer special to HMENT used from used from the firstman wa per 24 hour per sq. in.	RECORD of the state of the stat	Vell fl. 500 cu DF DRILL- on surveys Too feet to PR 194 32) of 1	OGAL 5- OWED AT PER AND WERE MAD THE TEN AND THE TEN A	the 1 bbl e special submit re it, and fr	ate esting TEST: TEST: om which Be 36 Per 1,00	of 4 1ated	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet
Results of Der h	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chel	r or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in	RECORD (ests or deviation) une 1, hours was 30 ter; an 5/10	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194 32 Of 41 EN CATION RE on given he	OGAL 5- OWED AT PER STEM AND WERE MAD. OLS USED 720 fee fee fee fee fee fee fee fee fee fe	the 1 bbl c special submit re it, and fr it, and fr it, and fr of fluid of Gravity, l gasoline p other s complete	TEST: eport of which Be 36 per 1.00 Pric! Ar.di	of 4 atec	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet feet Totille
Results of Der h	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chel	r or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in	RECORD (ests or deviation) une 1, hours was 3 (ster; ar 1/10)	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194 32 Of 41 EN CATION RE on given he	OGAL 5- OWED AT PER STEM AND WERE MAD. OLS USED 720 fee fee fee fee fee fee fee fee fee fe	the 1 bbl c special submit re it, and fr it, and fr it, and fr of fluid of Gravity, l gasoline p other s complete	TEST: eport of which Be 36 per 1.00 Pric! Ar.di	of 4 atec	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet feet Totille
Results of DOT 1. If drill-s SEH Rotary of Cable to Put to	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chell C. Lang y swear or one on it s	g or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in Ty gston affirm that o far as can	RECORD (ests or deviation) une 1, hours was 3() ter; ar5/1() FORM the information be determine	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194 32 Of 41 EN ATION RE on given he d from ava	OGAL 5- OWED AT PER STEM AND WERE MAD. OLS USED 720 fee fee fee fee fee fee fee fee fee fe	the 1 bbl c special submit re it, and fr it, and fr it, and fr of fluid of Gravity, it gasoline it completes.	TEST: eport of which Be 36 per 1.00 Pric! Ar.di	of 4 atec	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet feet Totille
Results of DOT 1. If drill-s SEH Rotary of Cable to Put to	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chell C. Lang y swear or one on it s	g or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in Ty gston affirm that o far as can	RECORD (ests or deviation) une 1, hours was 30 ter; an 5/10	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194 32 Of 41 EN ATION RE on given he d from ava	OGAL 5- OWED AT PER STEM AND WERE MAD. OLS USED 720 fee fee fee fee fee fee fee fee fee fe	the 1 bbl c special submit re it, and fr it, and fr it, and fr of fluid of Gravity, l gasoline p other s complete	TEST: eport of which Be 36 per 1.00 Pric! Ar.di	of 4 atec	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet feet Totille
Results of DOT 1. If drill-s SEH Rotary of Cable to Put to	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chell C. Lang y swear or one on it s	g or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in Ty gston affirm that o far as can	RECORD (ests or deviation) une 1, hours was 3() ter; ar5/1() FORM the information be determine	Vell fl. 500 cu OF DRILL- on surveys Too feet to PR 194 32 Of 41 EN ATION RE on given he d from ava	OGAL 5- OWED AT PER STEM AND WERE MAD. OLS USED 720 fee fee fee fee fee fee fee fee fee fe	the 1 bbl 6 special submit rest, and from fluid of fluid of Gravity, 1 gasoline potter second to the special second to the secon	TEST: eport of which Be 36 per 1.00 Pric! Ar.di	of 4 atec	s5 }	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet feet Totille
Results of DeT h	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chell C. Lang y swear or one on it s	g or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in Ty gston affirm that o far as can	RECORD (ests or deviation) al treatment [A] RECORD (ests or deviation) thours was 33 ater; an [A] FORM the information be determined to the information be deter	Jell fl. 500 cu OF DRILL- on surveys Too Geet to PR 194 Of 4 EN OF DRILL- on surveys Too Geet to PR 194 Of 4 EN OF Dr (ATION RE on given he d from ava	OGAL 5- OWED AT PER STEM AND WERE MAD. SEED FEED ODUCTION O SEED GRAND SEED FEED ODUCTION O SEED FEED ON GRAND	the 1 bbl c special submit re at, and fr at, and fr of fluid of gasoline p complete s.	rate esting respond of which some end of the state end of	of 4 lated same separ	ate since the si	heet and at eet to was oil; 50 degr	oil tach hereto. feet feet Aes Driller well and al
Results of DeT h	of shooting IOUF. Item or oth ATTAC tools were broducing duction of the rell, cu, ft. ressure, lbs R. Chell C. Lang y swear or one on it s	g or chemics Gas cill for special to HMENT used from used from the firstman wa per 24 hour per sq. in Ty gston affirm that o far as can	RECORD (ests or deviation) une 1, hours was 3() ter; ar5/1() FORM the information be determine	Jell fl. 500 cu OF DRILL- on surveys Too Geet to PR 194 Of 4 EN OF DRILL- on surveys Too Geet to PR 194 Of 4 EN OF Dr (ATION RE on given he d from ava	OGAL 5- OWED AT PER STEM AND WERE MAD. SEED TEE TEE TEE TEE TEE TEE TEE TEE TEE	the 1 bbl c special submit re at, and fr at, and fr of fluid of gasoline p complete s.	TEST: which sper 1,00 Pric! Ar.di	of 4 nated	ate since the si	bobls of heet and at set to was oil; so degr gas rd of the	oil tach hereto. feet feet feet priller priller well and al

Address Box 1600 - Midland, Texas

0 130 295 165 Shells & Sand & Calime Shells & Sand 461 796 325 Red Bed Shell Strks Red Bed & Shell Gray Sandy Shale anhydrite Alfard Sand Strks Shill Gray Sandy Shale Anhydrite Alfard Sand Strks Salt & Strks Anhydrite & Hard Sand Strks Salt & Strks Anhydrite & Salt & Strks Anhydrite & Salt & Strks Anhydrite & Salt & Strks Salt Anhydrite & Strks Salt Anhydrite & Strks Salt Anhydrite & Strks Salt & S	0	FROM	то	THICKNESS IN FEET	ORMATION RECORD FORMATION
rig & 2 cc:State oil Conservation Commission		130 295 461 786 946 1054 1207 1310 1360	295 461 786 946 1054 1207 1310 1360 1514 1849 2218 2450 2495 3035 2164 3261 3261 3298 3303 3599 3357 3380 3486 3502 3537 3580 3594	130 165 166 325 160 108 153 103 154 335 369 232 45 540 129 97 5 C 48 23 106 16 35 43 14	Shells & Sand Red Bed Bed Shell Strks Red Bed & Shell Red Bed & Strks Shell Gray Sandy Shale Anhydrite Hard Sand Sand Salt & Strks Anhydrite Salt & Strks Anhydrite & Hard Sand Strks Salt & Strks & Enhydrite Shlt Anhydrite & Strks Salt Anhydrite & Strks Salt Cray Lime Lime Hard Lime Broken Lime Hard Cray Lime Cray Lime Cray Lime Sandy Lime Lime Hard Lime
		r i g & 2	cc:State Oi	l Conser	ation Commission
					•

HOBBS, NEW MEXICO MAY 27, 1940

Humble Oil & Refining Company's N. M. State M #2 located in SW 1/4 of SE 1/4 of Section 18, TWS 22-S, Range 37-E, 660' from the South line, and 1880' from the East Line of Section 18, Lea County, New Mexico, Arrowhead Field/

DEVIATION SURVEYS

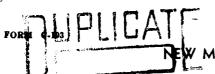
DEPTH	DEVIATION	INSTRUMENT
450'	1 degree	Stre Shot
7661	1 "	n
1285 *	0 "	Ħ
1800 '	O "	11
2610'	ı "	п

16227, Add 10.533 1.7 37, 1940

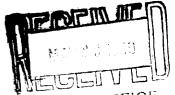
Numble 651 a Hafinleg octpany's diek. - 35 d pg loosted in 8a (of ... of Georgion 18, TW ... 2-c, Riage 37-k, 560' from two booth hime, and 1830' from TO Last line of cection 18, we lourn, were Murlow, arrowhead Sield/

A VIII HALL TO

TALIMURT LAL	A CONTRACTOR OF THE PARTY OF TH	411144
Jond eng.	1 degree	480
f -	, i'	7381
45	ř	1 cass
• ;	6	18001
4.	.s	*01ak



W MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico



MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within the commission of the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Regulations of the Commission.	nature of re	port by checking b	elow:	
REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAI	RING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICA TREATMENT OF WELL	T X	REPORT ON PULL	ING OR OTHERWISE	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEP	ENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL				
	Midler	d, Texas	May 25, 1	940
OIL CONSERVATION COMMISSION Santa Fe, New Mexico. Gentlemen:		Place	1	Date
Following is a report on the work done and	the results o	obtained under the h	eading noted above	e at the
Enable Oil & Refining Company N Company or Operator	. M. Stat	Lease	Well No. 2	in the
SW/4 of SE/4 of Sec	18	,T 22- S	, R. 37-E	, N. M. P. M.,
Arrowheed Field,	Lea			County
The dates of this work were as follows:	May 20.	1940		
Treated with 3000 gallons Hallib without swabbing and unloaded a choke well produced 392 bbls. oi Average rate of flow 49 bbls. pagas per day or a gas-oil ratio of Corrected gravity 36.8 Witnessed by No Witness Hecessary	eid and o l., of wi r hour or f 591. To	oil load. On 8 hich 46 bbls. we a total of libing pressure	hour test thro as made during 76 bbls. per d 620#. 5/10 of	ugh 7/2" last hour. ay. 695 MCF 1% BS &W.
Name	************	Company		Title
Subscribed and sworn to before me this 25th day of	9. 40 .	Name	sion Chief Cle	efining Co
Remarks:				

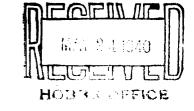
U)L & GAS INSPECTOR

Name

 Form C-102

NEW MEXICO OIL CONSERVATION COMMISSION

Santa, Fe, New Mexico



MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Regulations of the Commission. Indicate nature of no	tice by checking below:	_
NOTICE OF INTENTION TO TEST CASING SHUT-OFF	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	x
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 DEEPEN WELL	NOTICE OF INTENTION TO PLUG WELL	<u> </u>
<u> </u>	iland, Texas May 20, 1940	
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico.		
Gentlemen:		
Following is a notice of intention to do certain work as the state of	described below at the	/4 of SE/
Company or Operator Lease of Sec. 18 , T. 22-S , R. 37-E		
Lea County.	, IV. III. I . III.,	,
3720'. 5-1/2" Casing set at 3617'. Acid casing seat. New Well - not tested.	\$0 pe ilfusued out to bleacus grande	
MAY 2 4 1940		
Approved, 19, 29	By Position Division Chief Clerk Send communications regarding well	to
oil conservation commission,	NameI. W. House	
By Loy yarbrocky	. Address Box 1600 - Midland, Texas	
····················//////////////////	<u> </u>	