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	DATES
See Attached Sheet , 19	Put to producing, 19,
The production for the first 24 hours was	barrels of fluid of which % was oil; %
emulsion; % water; and % sediment	Gravity, °Bé.
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	
L. M. Black , Driller	EMPLOYEES Huddleson , Driller
R. R. Freysher ,, Driller	, Driller

# FORMATION RECORD

FROM-	то-	TOTAL FEET	FORMATION
0	31		Caliche
51	101		Caliche & Sand
101	104		Flint Bock
104	107		Sandy Flint Rock
107	115		Sand
115	116		Flint Bock
116	809		Sand
209	250		Red Bed
250	275		Red Beds
275	570		Red Beds & Streaks of Shell
570	745		Red Beds & Streaks of Sand
743 913	913		Red Beds
913	1159		Red Beds & Sand
1159	1161		Sand Rock
1161	1171		Sand Fork, Red Bed and Shale
1171	1274		Sand Rock and red Bed
1274	1341		Sage Streeks and Red Bed
1341	1351		Sind and Anhy.
1551	1361		Analy.
1561	1507		Red Deda
1567	2,400		Red Bods & Streaks Anhy.
1400	1422		Shale & Anky.
1422	1553		Anky.
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			(OVER) 16-49004-1

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## FORMATION RECORD—Continued

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FBOM-	то-	TOTAL FEET	FORMATION
1538 1564 1593 1920 2040 2572 2617 2666 2698 2734 2750 2675 3075 3110	1564 1593 1920 2040 2572 2617 2566 2697 2750 2875 3075 3110 3200		Allhy. & Gyp Anhy. & Gyp & "treads of Salt Salt & Anhy. Salt & Streaks of Anhy. Salt & Streaks of Anhy. Salt & Anhy. Anhy. & alt treaks Anhy. & alt treaks Anhy. & alt treaks Anhy. & Strks. Lime rays Lime & Strks. Anhy. Anhy. Lime White Anhy. and Lime Lime & Anhy. Anhy. & Lime
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			gener A MCMT Hand and Angeler A

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Note: This well was drilled to 2750' in 1930 and was temporarily abandoned.

GIL-

It has just been deepened to the Bowers Pay.

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## HUMBLE OIL & REFINING COMPANY HOUSTON 1, TEXAS

Contracting the second s

#### PRODUCTION TEST

Flowed well in tank 5 hours. Made \$9 bbls. PLO, GBR 562, Corr. gravity 48.



Form 9-881.		The	Approvi	Bureau No. 42-R358. al expires 11-30-46.	
(March 1942)	(SUBMIT IN	TRIPLICATE	Land Office	rtesia, New	Me
the Leader			Lease No. 0	32233-A	
2 A MEN	UNITED	<del>-</del>	Unit		
DEP	ARTMENT O	THE INTERIO	R B.A. Bowers	(Federal)	
Anna Autoria La	GEOLOGIC	AL SURVEY		U.S. GFOLOS	
				RECEIV	41 9
				MAG	$E_{\pm}$
SUNDRY NOT	FICES AND	REPORTS	ON WELLS	MARZOI	917
				ARTESIA NEW	. 47
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF W			$\mathbf{x}_{l}$
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SH SUBSEQUENT REPORT OF AL			
NOTICE OF INTENTION TO RE-DRILL OR REPAI		SUBSEQUENT REPORT OF RE		X	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.		SUBSEQUENT REPORT OF AL			
NOTICE OF INTENTION TO PULL OR ALTER CAS	! !!	SUPPLEMENTARY WELL HIST			
NOTICE OF INTENTION TO ABANDON WELL	-				
	<u> </u>				
(INDICATE ABOVE 2	BY CHECK MARK NATUR	E OF REPORT, NOTICE, OR O	THER DATA)		
	,	Kalena Marra	Manah 10		
	د	idland, Texas	March 18	, 19 <u>47</u>	
	Twp.) (Ran Lea	re) (Merid			
			ian) New Mexico (State or Territory	 7)	
(M Sec. and Sec. No.) (7 Hobbs	Lea (County or Subd	ivision)	New Mexico	y)	
()4 Sec. and Sec. No.) (7 Hobbs (Field)	Lea (County or Subc	Ivision) ft.	New Mexico	y)	
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(4 Sec. and Sec. No.) (1 Hobbs (Field) The elevation of the derrick floor al (State names of and expected depths to objective ing s Drilled hole from 2750 <sup>1</sup> to 3 Ran temperature survey and f 3150 <sup>1</sup> to 3160 <sup>1</sup> , 3160 <sup>1</sup> to 318 at 3182 <sup>1</sup> . Connected up well flowed in tank for 3 hours. ratio of 562.	Lea (County or Subc bove sea level is DETAILS ( points, and all other in S110 <sup>1</sup> . Ran 30 Cound top of c 5 <sup>1</sup> , and from ; well kicked Well made 59	ivision) ft. DF WORK that, and lengths of proposed portant proposed work) 090! of 7" casin cament at 2640!. 3185! to 3200!. 1 off and cleane barrels of pip	New Mexico (State or Territory decasings; Indicate mud g and cemente Cored from ; Ran 3171' o: d into pits fo e line oil wit	ding jobs, comment- d with 100 s 3125° to 315 f 2° tubing or 2 hours a th a gas-oil	50 se and
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		Budget Bureau No. 4 Approval expires 11-	<b>42-R3</b> 58.
Form 9-331 a	777		
(March 1942)	IN TRIPLICATE)	Land Office Artes1a	, New Mexico
East 1 C 1 Martine	D STATES	Lesso No	- <u>À</u>
		Unit	
	OF THE INTERIOR	B.A. Eowers (Fede	ral)
SEOLOG	ICAL SURVEY		///////////////////////////////////////
SUNDRY NOTICES A	ND REPORTS ON	WELLS	
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER	SHUT OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOT		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERI	NG CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRIL	LING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABAND	ONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY.		
NOTICE OF INTENTION TO ABANDON WELL	<b></b>		
(INDICATE ABOVE BY CHECK MARK N	ATURE OF REPORT. NOTICE, OR OTHER	DATA)	
	Midland, Texas	Larch 5, 1	9 <u>47</u>
Well No. A-7 is located 2970 ft. from	$\binom{\mathbf{N}}{\mathbf{S}}$ line and <u>330</u> ft. fr	om $\begin{cases} \mathbf{P}^{\mathbf{C}} \\ \mathbf{W} \end{cases}$ line of sec	
(1/2 of 1/2 of Sec. 29 18-S 38 (14 Sec. and Sec. No.) (Twp.)	-E		
(M Sec. and Sec. No.) (Twp.) Liobbs Lea	(Range) (Meridian)	w Llexi co	
	Subdivision)	(State or Territory)	
The elevation of the derrick floor above sea leve	el is ft.		
	S OF WORK		
(State names of and expected depths to objective sands; show sizes ing points, and all ot	, weights, and lengths of proposed cas or important proposed work)	ings; indicate mudding jobs,	coment-
SET CASIN	G AS FOLLONS:		
	TOTAL DEPTH	NO. SACKS &	PLUC ON
STZE AMOUNT AEIGHT SET AT FORMA		MAKE CEMENT	BOTTOLI
7" 3090.14' 22# 3104.17' Lime		100 sacks of	10:00 P.H. 3-4-47
Anhyd	rite	Trinity Reg.	<b>)-4-4</b> 7
Halliburton method used.		TOOLAT OUTSIG	~
Will test casing with 1800# pressure on 3	-7-47. GEO	DEOGICAL SURVEY	
ų i	$\mathbf{R}$		
Temporature survey showed top of cement a	norovinately 1101 un	in the 9-5/8" cu	sine
lengorgute survey snowed top of cement a	ppioximatery iiv up		P
	Art	esia. New Mexico	
I understand that this plan of work must receive approval in w			
Company Humble Gil & Refining Comp	any	2	
Address Box 1600	1	0///	
Midland, Texas	By	Juckna	
	ss't.	a	
· · · · · · · · · · · · · · · · · · ·	TitleDivisi	on Superintendent	
	PLINTING COTTON		65

FROVED CONSTRUCT IN TRUE LEARTS LINITED STRUCT DISTRUCT IN TRUE LEARTS DISTRUCT IN TRUE LEARTS DIST		2	Budget Burean No. 42-R358. Approval expires 11-30-46.
FROWED DISTRICT ENGINEER DEPARTMENT OF THE INTERIOR B. A. BOWERS (Federal)	Porm 9-881 a (March 1943) FEB 1 2 194	aubuit in trainaisate	Land Office Artesia, New Mexico
tor of more of the reco	FROWED TO THE TENNINEER DREPA	UNITED STATES REMENT OF THE INTERN	Unite
corrected a petter J.L	there of report, of rec		

## herewitten Elonices And

#### 1) (4) (3) 2 D C 훊.

NOTICE OF INTENTION TO DAILS		
NOTICE OF INTENTION TO CHAN	R PLANS	
NOTICE OF INTENTION TO THEFT	ATER SHUT-OFF	
NOTICE OF INTENTION TO ME-DI	2011년 1월 1911년 1월 19 1911년 1월 1911년 1월 1911	
NOTICE OF INTENTION TO SHOOT	OR ACIDIZE	
NOTICE OF INTENTION TO PULL	OR ALTER CASING	
NOTICE OF INTENTION TO ABAN	ON WELL	

OZ PRIM -316

#### Well No. A-7 is located 2970 A ALL

roved

lis is

W/2 of W/2 of Sec. 29 18-S Hobbs (Field)

# The elevation of the derrick floor above

ter phase

To deepen well from 2750<sup>4</sup> to an Bowers Sand Well. To set a 7<sup>4</sup> o set at 2750<sup>4</sup>. To set a suring o producing method will be mass. of 7<sup>4</sup> liner from top of pay, ext 湯能

February 10. , 19\_47.

line of sec.

for completion as a the 9 5/8" casing epth. Open hole approximately 800' approximately 150'.



Nama Mesaiga i da ca 1.

Sent Calent,

Company ..... Buside Of T & Reflect Box 1600 Address.....

I understand th

Midland

				Budget Bureau No. 42-R357 Approval expires 11-30-46.	
Form 9-331 a (March 1942)				Las Cruces,	Variao
		(SUBMIT IN TRI	PLICATE)		MONICO
	_	UNITED ST		Lease No. 032233-A	
	DE	PARTMENT OF T		B. A. Bowers (Federa	al)
		GEOLOGICAL	BURVEY P		<u> </u>
			TAC		
	SUNDRY NO	TICES AND F	EPORTS ON	WELLS	
NOTICE OF INT	ENTION TO DRILL	SUBS	QUENT REPORT OF WATER S	SHUT-OFF	
NOTICE OF INT	ENTION TO CHANGE PLANS ENTION TO TEST WATER SHU	r-off	QUENT REPORT OF SHOOTIN	IG OR ACIDIZING	
NOTICE OF INT	ENTION TO RE-DRILL OR REP.	AIR WELL X SUBSI	QUENT REPORT OF REDRILL	ING OR REPAIR	
NOTICE OF INT	ENTION TO SHOUL OR ALTER C	SUBSI ASINGSUPPI	QUENT REPORT OF ABANDON EMENTARY WELL HISTORY	NMENT	
NOTICE OF INT	ENTION TO ABANDON WELL				
	(INDICATE ABOVE	EY CHECK MARK NATURE OF	REPORT, NOTICE, OR OTHER D	DATA)	
			idland, Texas	February 3, 19 47	
Well No.	A-7 is located	2970 ft. from $\begin{cases} \mathbf{X} \\ \mathbf{S} \end{cases}$ lin	ne and <u>330</u> ft. fro	$m \left\{ \begin{matrix} \mathbf{K} \\ \mathbf{W} \end{matrix} \right\}$ line of sec.	
		<u>18-S</u> <u>38-E</u> (Twp.) (Range)			
Hobb		Lea	Net	w Mexico	
		· · · · · · · · · · · · · · · · · · ·	*/	(State or Territory)	
The elevation	of the derrick floor	above sea level is			
(State names of an	d expected depths to objectiv	DETAILS OF			
				g2; indicate mudding jobs, cement-	
To deepen v	well from 2750' t	o an approximate approximately 80	depth of 33501 1	for completion as	
excending 1	into 9 5/0" casin	g approximately	50 cementing	same to 9 578"	
casing, set	t at 2750'. To s producing method	et a string of 2	EUE tubing to t	total depth.	
•				a a tuyén k	
				operations may be commenced.	
Company	Humble Cil & Re	fining Company		<u>}</u>	
Address	Box 1600		í f	$\frac{1}{\tau}$	
	Midland, Texas		By //	unterner.	
			Title Asst. <u>Piv</u>	) isien superintendent	
		U. S. GOVERNMENT PRINTING OFFIC	E 16—8437-2		67

U. S. LAND OFFICE

LEASE OR PERMIT TO PROSPECT

# DEPARTMENT OF THE INTERIOR

Form 9-330

GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL	CORRECTLY	Y					
Company	laaste – s	3 a. 1)	lata: o	Addre	: : 298	1203, 110.	
Lessor or Tract				Field	- <b>13 13</b> 13-		into a contour
Well No. **7	Sec. 2	T. 15.	R M	eridian		. County	· 🍅
Location mit.	[N.] of	Line and	S3Gt./E	of I	line of	sty 1.40. 20	_ Elevation
							Il work done thereon
so far as can be d				cords.			
	the <b>DR</b> of			Sign	ea	le	
Date	<u>) million</u> ika	···· · ···	 oo oonditii	on of the we			
Commonwed duilli	on (rus pa;	ge is inr i Smilima (2)		Biniel	an at above t	7 <b>-11-</b> 3-	, 19
Commenced anna	ng			S SANDS (			*.******************************
				S SANDS C Denote gas by G			
No. 1, from		. to		No. 4	, from		to
No. 2, from		_ to		No. 5	, from		to
No. 3, from		to		No. 6	, from .		to
				NT WATE			
No. 1, from							
No. 2, from		to					to
			CAS	ING RECO		e e cristerio Perfe	orated
Size Weight castag per toot	Threads per Inch	Make	Amount	Kind of shoe	Cut and pulle		To Purpose
						·	
12 1/8 94				all'all's			
×		· · ·	STT.	Totale	d¥at.		
		· ·					
		MUDI	DING AN	D CEMENT	ING RECO	RD	
where set	Numbe	r sacks of cer	ALC: 1	Method used	Mud gr:	wity A	mount of mud-used
		1.30					
<u>1</u>		SCR.					
			PLUGS	AND ADA	PTERS		
Heaving phore M	nterlel			Length		. Depth se	t
Adapters Materi				Size			
				TING REC	ORD		
suze Shet	Lused	Explosive us	se d	Quantity	Date Dep	th shot	Depth cleaned out

### TOOLS USED

Rotary tools were used from a single feet to a single feet, and from a single feet to single fee

, ante touts were	used non -		DATES	, leet to		
	i francisco -	, 19	Put to producing			
The product	tion for the fir	st 24 hours was .	barrels of fluid of which			
		% sediment.	Gravity, Bé.			
If gas well, cu. ft. per 24 hours			. Gallons gasoline per 1,000 cu. ft.	of gas		
	re lbs, per sq.					
<b>4</b> 1 - 6		<b>EMP</b> . Oriller	LOYEES	, Duller		
		. Oriller FORMA	TION RECORD	, Driller		
EKON	TO	TOTAL FEIT	FORMATION			
		15	$\Delta (x_{2}, \sigma_{2}, \delta_{1}) = 0$			
	·	<u>. i</u>				

0 0440

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# THENERAL DEFENSION OF

Gallidan Gallidan A. And TAGES R 1 E. -Jed & Smith Ľ 7 E. E. T 1 ۶ 0 ŗ, STA K 971 à Strime no à Statue A R.

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Form 9-331a. (Feb., 1926)	RE	U.S. Land Office	Las Cruces
DEPARTMENT OF	THE INTERIOR	P.,	0499944
GEOLOGICA	L SURVEY, GEOLO	Spiel Number	B A Bamara
	ROSWEDLOGIC	193 Emper Permit.	(Federal Bomer
SUNDRY NOTICES	AND REPORTS	AGN WELLS	5
NOTICE OF INTENTION TO DRILL	SUBBLEQUENT RECORD OF	SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING		
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO	PULL OR OTHERWISE ALT	ER CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF		
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HI		
(INDICATE ABOVE BY CHECK MAR	K NATURE OF REPORT, NOTICE, OR	OTHER DATA)	
	MeCampy, Texas.	<b>Jum</b> 30, 19	<b>30</b> , 192
Following is a {report of work done	on land under le	ase described as	follows:
New Mexice Lea		Ho bbs	
(State or Territory)	(County or Subdivision)	(F	ield)
Vell No. 4-7 We of We 500. (1/4 Sec. and Sec. No.)	29 18-South (Twp.)	(Range)	(Meridian)
The well is located <b>29.70</b> ft. $\left\{ \begin{matrix} N \\ \pmb{2} \end{matrix} \right\}$ of <b>2</b> lin	e andft. 🔛 of .	I line of sec	W Sec. 29
The elevation of the derrick floor above sea lev	el is ft.		
DETAUS	OF PLAN OF WORK		
		ten: indicate mudding iche	comenting points and
State names of and expected depths to objective sands; show sixes, w all other i	mportaat proposed work.)		contenting points, that
et 2739' of 9 5/8" casing and	committed with		
	rilled and hole		
est showed hole to be free fr			
Approved July 3, 1930	Company 1	andle ofl &	Refining Co.
(Date) (Date)		SIGNED SAT	and Bernardan
E. Hanson 6. M.	andon By		
Title Deputy Supervisor Geological Survey	Title	vision Super	int endent
Address Ros_ell, New Merico.	Address		
NOTEReports on this form to be submitted in <i>triplicate</i> to the		60 Yanis Mart 18 av	тине ентипа 6-7853
			GII

	1 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (		
Form 9-531a (Feb., 1926)			U.S. Land Office
D	EPARTMENT OF TH	HE INTERIOR	032233-A
	GEOLOGICAL S	URVEY	Serial Number
			Loss Federal Bow
			EIVE
SUNDR	Y NOTICES AN	D REPORTS	ON WELL'S'N 7 1930
NOTICE OF INTENTION TO DRILL		SUBSEQUENT RECORD OF S	HOOTING RUSWELL, NEW SURV
NOTICE OF INTENTION TO CHANG	GE PLANS		0.1.1.7.1
NOTICE OF DATE FOR TEST OF W	VATER SHUT-OFF	NOTICE OF INTENTION TO P	ULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF			BANDON WELL
NOTICE OF INTENTION TO RE-DRI			ANDONMENT
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HIST	'ORY
(IND	DICATE ABOVE BY CHECK MARK NAT	TURE OF REPORT, NOTICE, OR O	THER DATA)
	M T	loCamey, Texas.	Jane 3, 1930 , 192
r u c ír	Asud the defense of		
Following is a {rep	neeror michaion to do wo port of work done	on land under leas	
New Mexico	Lea		Hobbs
(State or Territory)	Wh of Wh Sec. 2	ny or Subdivision) 9 18-South 2	(Field)
wen 110.	(1/2 Sec. and Sec. No.)	(Twp.)	(Range) (Meridian)
T		1 330 (E)	W Hand in We of We Se
I ne well is located	$\mathbf{Y}$ it. $\mathbf{g}$ of $\mathbf{y}$ line an	d	W line of sec. Whe of Whe Se
The elevation of the derric	k floor above sea level is	ft.	
	DETAILS OF	PLAN OF WORK	
(State names of and expected depths to			s; indicate mudding jobs, cementing points, and
	all other importa	ant proposed work.)	
Set 231' of 12 1	/2" casing at 25	50' and cemente	ed with 250 sacks
cement May 27, 1	930. Cement pl	ing drilled and	i hole bailed to
			ter and satisfactory
DD0000000 1420 5	TTO MAR TOTA PO PO	B TLEG TLOH MA	car shir Breising cory
June 2, 1930.			
Approved	-	Company Hu	able Oil & Refining Co.
	-Tr Man Curt	1 (Sala) (Sala)	
		DATE STREET	Chi Mart I Bar & San Sugar
<u> </u>	L. A. Herberg	-	ad and one Owner and and a state
Title Degety Se	CEOLOGICAL SURVEY	Title	vision Superintendent.
Title Degety Se Address Deget 1	CEOLOGICAL SURVEY	Title	vision Superintendent. Jamey, Texas.
Address	L. A. HERRICH GEOLOGICAL SURVEY New Herricate to the Supe	Title Din Address Mo	
Address	New Merciae	Title Din Address Mo	Jamey, Texas.

Form 9-881a (Feb., 1925)

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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J.S. Land Office Las CITICOS

CS2255-A Bank ENGaber B. A. Bowers

# SUNDRY NOTICES AND REPORTS ON WELLS

	SUBSEQUENT RECORD OF SHOOTING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

# HeCeney, Texas. Nevember 26, 1930 192

Following is a	netice el intention to de wa report of work done	* on land under	esse describe	d as follows:
New Merice	Loa		Liebbs	
(State or Territory) Well No.	Wi of Wi Sec. 20	ty or Subdivision) 18-South	58-East	(Field)
	(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)
The well is located	<b>79</b> ft. $\begin{bmatrix} N \\ \bullet \end{bmatrix}$ of <b></b> line and	t	I line of a	sec. Wo Wo Sec. 2
The elevation of the der	rick floor above sea level is	ft.		
	DETAILS OF I	PLAN OF WORK	K	
State names of and expected depth	s to objective sands; show sizes, weights, all other importe	and lengths of proposed ca at proposed work.)	ninge; indicate mudding	g jobs, cementing points, and
We have decided to	e abandon this well to	mpo marily.	The 9 5/8" c	asing has
been set at 2720'	and committed with 68	anoka coment	. Detlad	ning and
bailed easing dry.	Sam tended satis	terbury June 21	), 1950.	
On condition that is required.	regular notices be s	abadtted for a	pproval befo	re drilling
approved	er 4 1980	Company	Emble 011 8	E Refining Co.
Heter Bastace	G.D. Ha	mon By		
Title <b>DepatyS</b>	EPETTL S CE GEOLOGICAL SURVEY	Title	NVISION Sup	
Address Roswell,		Address]	iccanny, Tex	
NOTE.—Reports on this form t	to be submitted in <i>triplicate</i> to the Super	visor for approval.	007 <u></u> 311	BRT FEJRYING GEFICE 6-7653
				$\mathbf{Q}$

DEFARIMENT U	THE INTERIOR
	L SURVEY Serial Number OSE235
i de la companya de la	
SUNDRY NOTICES	AND REPORTS ON WELLISSGEDLOUPON
	AND
NOTICE OF INTENTION TO DRILL	BUBBING WENT RECORD OF SHOOTING
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING
REPORT ON RESULT OF TEST OF WATER SHIT-OFF	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	BURBELUENT REPORT OF AMAIDONMENT
	SUPPLICIENTARY WELL HISTORY
(INSRCATE ABOVE BY CHECK MAN	IK NATURE OF BEFORT, NOTICE, OR OTHER BATA)
	이 사람이 奇 사람이 가지 않는 것 같아요. 이 관람에서 사람이 가지 않는 것이 같아요.
	192
n	
Following is a notice of intention to do	work on hand under described as follows:
(Able of Facility)	
/ell No. 4-7 1 02 1 508	(Claid)
(1/2 Sec. mg/ Sec. No.)	(Twp.) (Rango) (Marialian)
INR.	e and E Was I line of sec. Why of Why
DETAILS (	OF PLAN OF WORK
DETAILS ( ate names of and expected depths to objective sands; show sings, w all other in	OF PLAN OF WORK sights, and longing of proposed ensings; indicate madding jobs, cementing points, and sportant proposed work.)
ate names of and expected depths to objective samle; thow sizes, w all other is	eights, and longthe of proposed ensings; indicate mudding jobs, cementing points, and sportast proposed work.)
ate names of and expected depths to objective made; show signs, we all other is	minter, and longite of proposed ensings; indicate mudding jobs, cementing points, and aportant proposed work.)
ate names of and expected depths to objective made; show signs, we all other is	minter, and longite of proposed ensings; indicate mudding jobs, cementing points, and aportant proposed work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	minter, and longite of proposed ensings; indicate mudding jobs, cementing points, and aportant proposed work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective sames throw size, we all other in $1.3 \ 3/3^{*} - 80^{-1} - 200^{\circ}$ tht P oth $7 \ 5/3^{*} - 36^{\circ} - 3750^{\circ}$ cm to $7^{**} - 36^{\circ} - 3060^{\circ}$ cm to	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective ands: three views of all other in all other in 1.2 3/2" - 507 - 200" three ou 9 5/8" - 567 - 2567 - 2750	and the set of proposed ensings, indicate madding jobs, cementing points, and approximate work.)
ate names of and expected depths to objective sames throw size, we all other in $1.3 \ 3/3^{*} - 80^{-1} - 200^{\circ}$ tht P oth $7 \ 5/3^{*} - 36^{\circ} - 3750^{\circ}$ cm to $7^{**} - 36^{\circ} - 3060^{\circ}$ cm to	aportant propried work.) and we terr annual with 180 anoke coment a f terrar line with 600 anoke coment p of white line with 600 anoke coment
ate same of and expected depths to objective and a chory size, we all other in 13 3/2" - 80 p - 200" the other in 9 5/8" - 84 - 8750" en to 7" - 84 - 3060" en to SEE ATTACHED.	Company Company of a company induces medding jobs, comenting points, and Company Company of the line with 600 makes coments Company Company of the line with 600 makes coments Slow-of the line with 600 makes coments
ste same of and expected depths to objective and a chore into all other in 1.3 3/2" - 807 - 200" there on 9 5/8" - 864 - 8960" on to 7" - 864 - 2060" on to SEE ATTACHED.	Company Company of a company induces medding jobs, comenting points, and Company Company of the line with 600 makes coments Company Company of the line with 600 makes coments Slow-of the line with 600 makes coments
ate same of and expected depths to objective and a chory size, we all other in 13 3/2" - 80 p - 200" the other in 9 5/8" - 84 - 8750" en to 7" - 84 - 3060" en to SEE ATTACHED.	Company Contract of a contract of the second second second property work.)
ate same of and expected depths to dejective and the short inter all other in 12 3/2" - BOy - 200" ther one to 5/8" - Boy - 2000" ther one to 7" - Boy - 2000" on to SEE ATTACHED. SPROVED May 10, 1980. STOCKED. Title Doynety Empervise Streey	Company Contract of a contract of the second second property work.)
The names of and expected depths to objective same through the first $\frac{1}{3}$ $\frac{1}{8}$ $\frac{1}{$	Company Contract of a company induces modeling jobs, company points, and Company Contract of a company induces modeling jobs, company contract of a compa

# LIEPARIMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPROVAL TO DRILL is given as outlined above with the understanding that the following general and special requirements be strictly complied with:

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# GENERAL

- 1. All water to be confined to its original horizon and test made for water shut-off before drilling ahead. Casing shall be cemented if necessary to shut off water.
- 2. All showings of oil or gas to be tested for their commercial possibilities in a dry hole before drilling ahead. Each showing to be properly protected to prevent migration.

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- 3. To prevent waste of, or damage to, and to provide the U. S. Geological Survey with carefully taken samples of, other minerals drilled through, i. e., coal, salt, potash beds, etc.
- 4. The permittee shall permanently mark all rigs or wells in a conspicuous place with his name or the name of the actual operator and the number and description of the well, and shall take all necessary precautions to preserve these markings.
- 5. Notify the U. S. Geological Survey office, P. D. Box 591, Roswell, New Mexico, on form 9-331a, of mudding, cementing, and water shut-off tests a sufficient time in advance in order that an engineer of the Survey may be present.
- 6. Lesses's monthly report, in triplicate on form 9-329, must be filled out each ealendar month and forwarded to the Roswell office not later than the 6th day of the following month.

### SPECIAL

- 1. Any change of drilling plan, or the conditions of approval, must have the written approval of the District Engineer. before the change is made.
- 2. Carefully taken samples of drill cuttings must be taken at least every ten feet from 200 feet from surface to bottom of hole, and submitted through approved agent or directly to the U. S. Geological Survey, Roswell office.
- 3. Instead of using top of white lime as casing point for production string, the 7 inch casing must be computed at top of main pay with total exclusion of all upper showings of eil and gas.