A Company to a state

, si

	<u>N.</u>				100 01-		<u></u>	A1*		
1		ATION H	FORM		HCO-OIL San	8	TARY XI		MMISSION OT	моя
						ta Fej Ne		,		
					2 N.					
					W	ELL RE	CORD		•	4 ,
					•	· · · · · · · · · · · · · · · · · · ·	· · ·			4 ⁻
			Mail	to Oil Conse	rvation Com	mission, S	anta Fe.	New Mexi	co, or its pro	Der
			agent in thi	Rules and	an twenty da Regulations	lys after co of the Com	mpletion	of well. Fi	ollow instructi questionable d	one
AR LOCATE	EA 640 ACRE WELL CORR	IS RECTLY	59 10	nowing it w	/ith (?). SU			ATE.		
	Runble	011 & F		e Comp		_	Hom	NON.	Tens	
Humbl	Co	Aggiesv	erator		-		44	aparth		
в 37 -Ж	Lease	м. р. м.,	End a	-		i	1 . Dec		, T. 	
Well is	1980 1 fee	t south of the	North line	and 198	30. feet w	rest of th	e East 1	ine of S	Section	County
If State la	and the oil a	and gas lease	is No	37722	Assignm	ent No			**	
If patented	d land the ov	vner is				······································	Áddress			
The Lesse	ment land the	he permittee	is A R afi	ning Ge		······	Address	Times a		
Drilling co	ommenced	11~8~5	is		Drilling	was com	pleted	11-1	- 24	10
Name of di	rilling contra	ctor	lean A		ar	, Address	Hobi	s, Ne	m Mexic	0
		evel at top of	_							
The morn	nation given	is to be kept	confidentia							•••••
No. 1 free	m	37401	. 3940		DS OR ZON					
NO. Z, Iro)m	3740 † t	0		No. 5, 1	rom.,			to	
No. 3, fro)m	t	0		No. 6, 1	rom			to	
					WATER S	1				
		of water infl								
									\$	•
				CASIN	IG RECORI					
	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT &	FILLED	PER	FORATED	
0-3/4"						FR		FROM		PURPOSE
-5/8"	86.40			<u>139'</u> 1178'	-Texas Halli					
-1/8"	-17	10	- 88	87 27 1	Bellit					
			-							
	······································		MUDI	DING AND	CEMENTIN	IG RECO	۹D			
			NO. SACKS	METH			GRAVI	TY	MOUNT OF	MUD USED
SIZE OF SI HOLE (IZE OF CASING WH	ERE SET (IOD USED	MUL				
SIZE OF SI HOLE	IZE OF CASING WH	ERE SET	1.00				10.5			
	IZE OF CASING WH	ERE SET (100	Hell	iburton		10.5		te tons	used in
SIZE OF HOLE 32 -7/8 -3/4 2	12E OF CASING WH 0-8/4 7-6/3 5-1/3	1541 1841 3737	100 400 100	Hell: Hell: Hell:	iburton		10.5 10/9 10.9		tons vell	used in
8" 1 -7/8" -3/4"	CASING WH 9-3/4 9-5/8 8-1/2	154* 1164+ 3737*	100 400 100	Hall Hall Hall Plugs Ar	Durten Durten	ERS	10/9/		NO LORS	used in
8" -7/8" -3/4" Heaving pl	CASING WH 0-8/4 1-6/8 0-1/2 lug—Materia	254* 3737*	100 400 100	Hell: Hell:	Durten Durten	ERS	10/9/	Depth Se	t	used in
8" -7/8" -3/4" Heaving pl	CASING WH 0-8/4 1-6/8 0-1/2 lug—Materia	254* 3164+ 3737*	100	Hall Hall Hall Hall Hall Hall Length Size	Durten Durten	ERS	10/9/	Depth Se	b0 tons	used in
8" -7/8" -3/4" Heaving pl	CASING WH 0-8/4 1-6/8 0-1/2 lug—Materia	254* 3164+ 3737*	100	Hall Hall Hall Hall Hall Hall Length Size	Durten Durten	ERS	10/9/	Depth Se	b0 tons	used in
8" -7/8" -3/4" Heaving pl	CASING WH 0-8/4 1-6/8 0-1/2 lug—Materia	2541 37371 	100	Hall Hall Hall Hall Hall Hall Length Size	DUPLON DUPLON DUPLON ND ADAPT	ERS	10/9/	Depth Se		2201 1
8 ³² 7/8 ^a 3/4 ³⁷ Heaving pl Adapters—I	CASING WH	2541 37371 37371 1 ED EXPLO	100 109 109 CORD OF S	PLUGS AI DELUGS AI Size SHOOTING	OR CHEM	ERS ICAL TRI	LO/9	Depth Se		used in
8 ³² 7/8 ^a 3/4 ³⁷ Heaving pl Adapters—I	CASING WH	2541 37371 37371 1 ED EXPLO	100 400 100 100	PLUGS AI DELUGS AI Size SHOOTING	DUPLON DUPLON DUPLON ND ADAPT	ERS ICAL TRI	LO/9	Depth Se		2201 1
8 ¹¹ 7/8 3/4 Heaving pl Adapters—I SIZE	CASING WH	254 3737 3737 RE ED EXPLO CHEMIN	200 400 100 100 CORD OF SIVE OR CAL USED	Hall Hall Hall Flugs An Length Size SHOOTING QUANT 2000	OR CHEM	ERS ICAL TRI DATE	LO/9	Depth Se T H SHOT LEATED	DEPTH CL	EANED OUT
8 ¹¹ 7/8 3/4 Heaving pl Adapters—I SIZE	CASING WH	254 3737 3737 ED EXPLC CHEMIC DOW CHEMIC	200 400 109 CORD OF S DSIVE OR CAL USED	Hall Hall Hall Fall PLUGS AN Length Size SHOOTING QUANT 2000	OR CHEM	ERS ICAL TRI DATE L=27=C TRICE	LO/9	Depth Se T H SHOT LEATED	DEPTH CL	EANED OUT
8 ¹¹ 7/8 3/4 Heaving pl Adapters—I SIZE	CASING WH	254 3737 3737 ED EXPLC CHEMIC DOW CHEMIC	200 400 109 CORD OF S DSIVE OR CAL USED	Hall Hall Hall Fall PLUGS AN Length Size SHOOTING QUANT 2000	OR CHEM	ERS ICAL TRI DATE L=27=C TRICE	LO/9	Depth Se T H SHOT LEATED	DEPTH CL	EANED OUT
8 ³² 7/8 ^a Heaving pl Adapters—I SIZE	CASING WH	2541 37371 37371 I ED EXPLO CHEMIC DOWN	200 400 309 209 CORD OF S DSIVE OR CAL USED CAL USED CAL USED	PLUGS AI DELUGS AI Length Size SHOOTING QUANT 2000 DIL 110 IS 011	Durten Durten Durten Durten OR CHEM OR CHEM STTY COR CHEM STTY COR CHEM	ERS ICAL TRI DATE I=27=3 Inte 473:1 PECIAL	10/9 10.9 10.9 10.9 EATMEN DEPT OR TH OR TH 0R TH	Depth Se T H SHOT REATED	DEPTH CL	EANED OUT
8 ³² 7/8 ^a Heaving pl Adapters—I SIZE	CASING WH	2541 37371 37371 ED EXPLO CHEMIC DOWN	200 400 309 209 CORD OF S DSIVE OR CAL USED CAL USED CAL USED	PLUGS AI DELUGS AI Length Size SHOOTING QUANT 2000 DIL 110 IS 011	Durten Durten Durten Durten OR CHEM OR CHEM STTY COR CHEM STTY COR CHEM	ERS ICAL TRI DATE I=27=3 Inte 473:1 PECIAL	10/9 10.9 10.9 10.9 EATMEN DEPT OR TH OR TH 0R TH	Depth Se T H SHOT REATED	DEPTH CL	EANED OUT
Size Size Adapters-I Size Results of s	CASING WH	2541 37371 ST371 ED EXPLO CHEMI DOW themical treat	200 400 200 200 CORD OF S OSIVE OR CAL USED CAL USED	Hell: Hell: Hell: PLUGS AI Length Size SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING 300 SHOOTING 2000 SHOOTING 300 SHOOTING	Durten Durten Durten Durten OR CHEM UTY CR LL CR LL CR LL CR LL CR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	ERS ICAL TRI DATE 1=27=2 ITILS 473:1 PECIAL - Submit rep	10/9 10.9 10.9 EATMEN DEPT OR TH 0 26 0 19 FESTS port on s	Depth Se T H SHOT EATED MO!	DEPTH CL	EANED OUT
Size Size Adapters-I Size Results of s	CASING WH	2541 37371 ST371 ED EXPLO CHEMI DOW themical treat	200 400 200 200 CORD OF S OSIVE OR CAL USED CAL USED	Hell: Hell: Hell: PLUGS AI Length Size SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING 300 SHOOTING 2000 SHOOTING 300 SHOOTING	Durten Durten Durten Durten OR CHEM UTY CR LL CR LL CR LL CR LL CR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	ERS ICAL TRI DATE 1=27=2 ITILS 473:1 PECIAL - Submit rep	10/9 10.9 10.9 EATMEN DEPT OR TH 0 26 0 19 FESTS port on s	Depth Se T H SHOT EATED MO!	DEPTH CL	EANED OUT
Size Size Adapters-I Size Results of s	CASING WH	2541 37371 37371 I ED EXPLO CHEMIC DOWN	200 400 200 200 CORD OF S OSIVE OR CAL USED CAL USED	Heili Heili Fieli PLUGS AI Length Size SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING QUANT 2000 SHOOTING SHOOTING QUANT 2000 SHOOTING SHOOTING QUANT 2000 SHOOTING SHOOTING QUANT 2000 SHOOTING SHOOTING SHOOTING SHOOTING SHOOTING SHOOTING SHOOTING QUANT 2000 SHOOTING	OR CHEM OR CHEM TTY	ERS ICAL TRI DATE 1=27=2 ITILS 473:1 PECIAL - Submit rep	10/9 10.9 10.9 EATMEN DEPT OR TH 0 26 0 19 FESTS port on s	Depth Se T H SHOT EATED MO!	DEPTH CL	EANED OUT
SIZE SIZE Adapters—I SIZE Adapters—I Results of s able tools	CASING WH	2541 3737 3737 area ED EXPLO CHEMI DOW themical treat	200 400 309 CORD OF S OSIVE OR CAL USED CAL USED	PLUGS AI Fiell PLUGS AI Length Size SHOOTING QUANT 2000 211 flo 18 J11 DRILL-ST Surveys WA TOOL feet to feet to PROD	Durton Durton Durton Durton OR CHEM OR	ERS ICAL TRI DATE 1=27=2 ITILS 473:1 PECIAL - Submit rep	10/9 10.9 10.9 EATMEN DEPT OR TH 0 26 0 19 FESTS port on s	Depth Se T H SHOT EATED MO!	DEPTH CL	EANED OUT
8 ³² 7 /8 ^a 3 /4 ^a Heaving pl Adapters—I SIZE Cesults of s cesults of s callent to be able tools	CASING WH C-SING WH C-SING WH C-SING C-SIN	2541 37371 STOT	100 400 109 CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	Heili Heili Fieli PLUGS AN Length Size SHOOTING QUANT 2000 011 flo 18 011 DRILL-ST Surveys W TOOL feet to feet to feet to PROD	OR CHEM OR CHEM OR CHEM CITY CELL Wed at Sere made, s S USED Seve feet feet	ERS ICAL TRI DATE 1=27-3 1710 473:1 PECIAL - submit rep , and fr	LO/9 LO.9 LO.9 EATMEN DEPTI OR TH OR TH C 30 OF 19 FESTS DOT 19 FESTS DOT 01 S	Depth Se T H SHOT EATED	DEPTH CL	EANED OUT
SIZE Calculate of second se	CASING WH C-SING WH C-SING WH C-SING S-SING S-SING S-SING SHELL US Shooting or c a or other sp swere used f were used f were used f ucing. I ion of the fin	254 3737 3737 STORE ED EXPLC CHEMIC ED CHEMIC DOWN Chemical treat Pecial tests of rom rom rom	200 400 309 CORD OF S DSIVE OR CAL USED CAL USED CAL USED CAL USED CAL USED CORD OF S CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Length Size SHOOTING QUANT 2000 DIL flo 18 JL FORILL-ST Surveys W TOOL feet to Feet to PROD , 19	DUPLON DUPLON DUPLON DUPLON	ERS ICAL TRI DATE 1-27-3 17106 473:1 PECIAL - submit rep , and from , and from	LO/9 LO.9 LO.9 EATMEN DEPT OR TH OR TH CR TH OR TH	Depth Se T H SHOT EATED	DEPTH CL	EANED OUT
Heaving pl Adapters	CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF COMPANY SHELL US Shooting or C Shooting or	2541 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 37391 1 Records CHEMIC Decial tests on rom	200 400 309 CORD OF 3 OSIVE OR CAL USED CAL USED	PLUGS AI Fiell PLUGS AI Length Size SHOOTING QUANT 2000 DIL flo DIL flo DIL flo DILL-ST Surveys wo TOOL feet to feet to feet to PROD , 19 % sedimen	DURING DURING DURING DURING OR CHEM OR	ERS ICAL TRI DATE 1-27-3 17106 473:1 PECIAL - submit rep , and from , and from	LO/9 LO.9 LO.9 EATMEN DEPT OR TH OR TH CR TH OR TH	Depth Se T H SHOT EATED	DEPTH CL	EANED OUT
Heaving pl Adapters	CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF COMPANY SHELL US Shooting or C Shooting or	2541 37371 STOT	200 400 309 CORD OF 3 OSIVE OR CAL USED CAL USED	PLUGS AI Fiell PLUGS AI Length Size SHOOTING QUANT 2000 DIL flo DIL flo DIL flo DILL-ST Surveys wo TOOL feet to feet to feet to PROD , 19 % sedimen	DURING DURING DURING DURING OR CHEM OR	ERS ICAL TRI DATE 1-27-3 17106 473:1 PECIAL - submit rep , and from , and from	LO/9 LO.9 LO.9 EATMEN DEPT OR TH OR TH CR TH OR TH	Depth Se T H SHOT EATED	DEPTH CL	EANED OUT
Biz Biz Biz Biz Biz Size Cesults of s Cesults of s	CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH Shooting or construction Shooting	1 RE 3737	LOC 400 100 100 CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	Heili Heili Fieli PLUGS AN Length Size SHOOTING QUANT 2000 011 flo 18 011 DRILL-ST SURVEYS WO TOOL feet to feet to	OR CHEM OR CHEM OR CHEM OR CHEM CITY CELL CEMAND S ere made, s S USED CEMAND S ere made, s S USED CEMAND S ere made, s CEMAND S ere made, s CEMAND S ere made, s CEMAND S ere made, s CEMAND S controls of t. Gravity, Callons gas LOYEES	ERS ICAL TRI DATE 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1-27-3 1	LO/9 LO.9 LO.9 LO.9 EATMEN DEPT OR TH OR TH C. 30 OT 19 FESTS Dort on s om om om hich 2.7 a ²	Depth Se T H SHOT EATED AO Parate So So So So So So So So So So So So So	DEPTH CL	EANED OUT
Heaving pl Adapters—I SIZE Cesults of s Carill-stem otary tools able tools ut to production gas well, cock pressur	CASING WH CASING WH CASING WH CASING WH CASING MATERIA SHELL US Shooting or c a or other sp s were used f were used f were used f used f used f used f were used f steel 1 ion of the fin cu. ft. per 24 re, lbs. per sq Shoet 1 Materia	2541 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Ref Decial tests of rom rom <td>LOO LOO LOO LOO CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL</td> <td>PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII TIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet</td> <td>DUPTON DURCHEM OR CHEM UTY CR CHEM UTY CR CHEM SECON CR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM</td> <td>ERS ICAL TRI DATE I=27=3 ITICS IPECIAL bubmit rep , and from , and from , and from , and from , and</td> <td>LO/9 LO.9 LO.9 LO.9 EATMEN DEPTIOR TH OR TH</td> <td>Depth Se T H SHOT EATED AO PB. 5 C DD PB. 5 C ft. of gr</td> <td>DEPTH CL</td> <td>EANED OUT EANED OUT hour, feet , , Driller</td>	LOO LOO LOO LOO CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII TIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPTON DURCHEM OR CHEM UTY CR CHEM UTY CR CHEM SECON CR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	ERS ICAL TRI DATE I=27=3 ITICS IPECIAL bubmit rep , and from , and from , and from , and from , and	LO/9 LO.9 LO.9 LO.9 EATMEN DEPTIOR TH OR TH	Depth Se T H SHOT EATED AO PB. 5 C DD PB. 5 C ft. of gr	DEPTH CL	EANED OUT EANED OUT hour, feet , , Driller
Heaving pl Adapters—I SIZE Cesults of s Carill-stem otary tools able tools ut to production gas well, cock pressur	CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH Shooting or construction Shooting	2541 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Ref Decial tests of rom rom <td>200 400 200 200 200 200 200 200 200 200</td> <td>PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DIL FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet</td> <td>DUPLON DUPLON DUPLON OR CHEM UTY COR CHEM UTY COR CHEM SUSED COLON</td> <td>ERS ICAL TRI DATE I=27-C ITICO ITICO ITICO ITICO ITICO ICAL TRI I ICAL ICAL ICAL I ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL</td> <td>LO/9 LO/9 LO.9 LO.9 ATMEN DEPT OR TH OR TH C. 26 OF 19 FESTS Dort on s om om om hich 2.7 gr 1,000 cu</td> <td>Depth Se T H SHOT EATED AO PB. 5 C DD PB. 5 C ft. of gr</td> <td>DEPTH CL</td> <td>EANED OUT EANED OUT hour, feet , , Driller</td>	200 400 200 200 200 200 200 200 200 200	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DIL FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON OR CHEM UTY COR CHEM UTY COR CHEM SUSED COLON	ERS ICAL TRI DATE I=27-C ITICO ITICO ITICO ITICO ITICO ICAL TRI I ICAL ICAL ICAL I ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL	LO/9 LO/9 LO.9 LO.9 ATMEN DEPT OR TH OR TH C. 26 OF 19 FESTS Dort on s om om om hich 2.7 gr 1,000 cu	Depth Se T H SHOT EATED AO PB. 5 C DD PB. 5 C ft. of gr	DEPTH CL	EANED OUT EANED OUT hour, feet , , Driller
Heaving pl Adapters—I SIZE Cesults of s Carill-stem otary tools able tools ut to production gas well, cock pressur	Asing WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF SHELL US Shooting or c Shooting o	13.64+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 3737+ 1 1	200 400 309 CORD OF 3 OSIVE OR CAL USED CAL USED	Heili Heili Heili Fieli PLUGS AI Length Size SHOOTING QUANT 2000 SII flo 18 JII DRILL-ST SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON DUPLON OR CHEM OR CHEM OR CHEM SECON EMANDS EVENTS SECON SECON SECON COLLIN DUPLES CALLON CALLON DUPLES	ERS ICAL TRI DATE I=27-3 ITALE 473:1 PECIAL - submit rep , and fr , and fr , and fr fluid of wi Be soline per L.	LO/9 LO/9 LO.9 LO.9 CATMEN DEPTIOR TH OR TH C.3 C.3 C.3 C.3 C.3 C.3 C.3 C.3	Depth Se T H SHOT EATED AD Past Past Past Past Past Past Past Past	DEPTH CL	EANED OUT EANED OUT hour, Driller , Driller
Heaving pl Adapters—I SIZE Cesults of s cotary tools able tools ut to production nusion; gas well, co book pressur	CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF SAME AND	2541 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Ref Decial tests of rom rom <td>LOO LOO LOO LOO CORD OF SIVE OR CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL</td> <td>PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet</td> <td>DUPLON DUPLON DUPLON DUPLON OR CHEM ND ADAPT OR CHEM NUTY DEPLI CON EMANDS ere made, s SUSED CON OTH t. Gravity, Gallons ga LOYEES F. J. RD ON OTH ith is a con</td> <td>ERS ICAL TRI DATE I=27-3 ITALE 473:1 PECIAL - submit rep , and fr , and fr , and fr fluid of wi Be soline per L.</td> <td>LO/9 LO/9 LO.9 LO.9 CATMEN DEPTIOR TH OR TH C.3 C.3 C.3 C.3 C.3 C.3 C.3 C.3</td> <td>Depth Se T H SHOT EATED AD Past Past Past Past Past Past Past Past</td> <td>DEPTH CL</td> <td>EANED OUT EANED OUT hour, Driller , Driller</td>	LOO LOO LOO LOO CORD OF SIVE OR CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON DUPLON OR CHEM ND ADAPT OR CHEM NUTY DEPLI CON EMANDS ere made, s SUSED CON OTH t. Gravity, Gallons ga LOYEES F. J. RD ON OTH ith is a con	ERS ICAL TRI DATE I=27-3 ITALE 473:1 PECIAL - submit rep , and fr , and fr , and fr fluid of wi Be soline per L.	LO/9 LO/9 LO.9 LO.9 CATMEN DEPTIOR TH OR TH C.3 C.3 C.3 C.3 C.3 C.3 C.3 C.3	Depth Se T H SHOT EATED AD Past Past Past Past Past Past Past Past	DEPTH CL	EANED OUT EANED OUT hour, Driller , Driller
Heaving pl Adapters—I SIZE Cesults of s cotary tools able tools ut to production nusion; gas well, co book pressur	CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF SAME AND	1 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Reg Decial treat Reg Decial tests of rom	LOO LOO LOO LOO CORD OF SIVE OR CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON OR CHEM OR CHEM UTY CALL C	ERS ICAL TRI DATE I=27-C ITICO ITICO ITICO ITICO ITICO ICAL TRI I ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL ICAL	LO/9 LO/9 LO.9 LO.9 ATMEN DEPT OR TH C. C. C. C. C. C. C. C. C. C.	Depth Se T H SHOT EATED AD Past Past Past Past Past Past Past Past	DEPTH CL	EANED OUT EANED OUT hour, priller , priller
Heaving pl Adapters—I SIZE Cesults of s Cesults of s Carll-stem otary tools able tools ut to production gas well, cock pressur pock pressur	CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF SHELL US Shooting or c Shooting or c a were used f were used f were used f were used f ion of the fin Cu. ft. per 24 re, lbs. per sq Shoet: M BILL HO. Par or affirm far as can b	1 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Reg Decial treat Reg Decial tests of rom	LOC LOC LOC LOC CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON OR CHEM OR CHEM UTY CALL C	ERS ICAL TRI DATE I=27-3 ITALE 473:1 PECIAL - submit rep , and fr , and fr , and fr fluid of wi Be soline per L.	LO/9 LO/9 LO.9 LO.9 ATMEN DEPT OR TH C. C. C. C. C. C. C. C. C. C.	Depth Se T H SHOT LEATED AD C DD C DD C DD C DD C DD C DD C DD	DEPTH CL	EANED OUT Anour, Driller d all work
Heaving pl Adapters—I SIZE Cesults of s Cesults of s Carll-stem otary tools able tools ut to production gas well, cock pressur pock pressur	CASING WH CASING WH CASING WH CASING WH CASING WH CASING WH CASING OF SHELL US Shooting or c Shooting or c a were used f were used f were used f were used f ion of the fin Cu. ft. per 24 re, lbs. per sq Shoet: M BILL HO. Par or affirm far as can b	1	LOC LOC LOC LOC CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AI Field PLUGS AI Size SHOOTING QUANT 2000 DII FIC SURVEYS WO TOOL feet to feet feet feet feet feet feet feet feet	DUPLON DUPLON DUPLON OR CHEM OR CHEM UTY CALL C	ERS ICAL TRI DATE I=27-3 ITILS 473:1 PECIAL - submit rep , and fr , and fr	LO/9 LO.9 LO.9 LO.9 ATMEN DEPTIOR TH OR TH C. 30 C. 30 C	Pepth Se T H SHOT EATED AD PB. 5 C bb eparate Son ft. of gr Son record o	DEPTH CL DEPTH CL 2.5 Per sheet and at feet to ceet to was oil; depression f the well an December Data	EANED OUT Anour, Driller d all work
Heaving pl Adapters—I SIZE Cesults of s able tools able tools able tools ut to production sable tools ut to production be production be production able tools able tools	CASING WH CASING WH	1 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 3737 1 Ref ED CHEMIC D CHEMIC Pecial tests on rom rom <td>LOC LOC LOC LOC CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL</td> <td>PLUGS AN Field</td> <td>DUPLON DUPLON DUPLON OR CHEM OR CHEM O</td> <td>ERS ICAL TRI DATE I=27-3 ITILS 473:1 PECIAL - submit rep , and fr , and fr</td> <td>LO/9 LO.9 LO.9 LO.9 ATMEN DEPTIOR TH OR TH C. 30 C. 30 C</td> <td>Pepth Se T H SHOT EATED AD PB. 5 C bb eparate Son ft. of gr Son record o</td> <td>DEPTH CL DEPTH CL 2.8 per sheet and at feet to deet to </td> <td>EANED OUT Anour, Driller d all work</td>	LOC LOC LOC LOC CORD OF CAL USED CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	PLUGS AN Field	DUPLON DUPLON DUPLON OR CHEM OR CHEM O	ERS ICAL TRI DATE I=27-3 ITILS 473:1 PECIAL - submit rep , and fr , and fr	LO/9 LO.9 LO.9 LO.9 ATMEN DEPTIOR TH OR TH C. 30 C. 30 C	Pepth Se T H SHOT EATED AD PB. 5 C bb eparate Son ft. of gr Son record o	DEPTH CL DEPTH CL 2.8 per sheet and at feet to deet to 	EANED OUT Anour, Driller d all work

1

1

•

FORMATION RECORD

 $\mathsf{Ad}_{1,1} = \{\mathsf{a}_{1,1},\ldots,\mathsf{a}_{n}\}$

		THICKNESS IN FEET	
		ಗ ಭಾನಾಥವರೆ ಮಾರ್ಗ ಕ	
0	18	18	Celler
18	50	32	Caliche
50	105	- 55	Sand & Shells
105	160	55	Red Bed
160	520 ⁻¹		Red Bed & Shells
320	605	200 - 110 - 120 -	Red Bed
605	790	185	
			Rod Book
790	915	125	Red Beduk - and a state of the second s
915	1052	137	Red Book
1052	1132	80	Anhydrite Aller and a second s
1132	1163	81.	Sett
1163	1190	27	Anhydrite
1190	1610	420	Selt & Anhydrite
1610	2484	874	Selt
2484	30 25	541	Anhydrite
3025	3285	260	Anhydrite & Lime
3285	3522	37	T.1.mo
3322	3348	26	Lime & Streaks Sand
3348	3358	10	Line
3358	3375	17	B an d
33 75	3386	11	Lime
3386	541E		
		. 26	Band
341 2	3670	258	Ane the second s
3670	3698	28	Bandy Lane
3698	3840	142 Total Depth	Line

. .

.

1

• 7 × -

. . . . • and the second second

.

;

÷ .

HUMBLE OIL & REFINING COMPANY'S

Hamble State Aggles

NR 1/4 of Section 31, Two 20-South, Range 37-Sast, Lee County, N. M.

DEVILATION SURVEYS

Acid	bottle	test	at	500*	Hole Streight
Acid	bottle	test	at	750*	Hole Streight
scia	Bottlo	test	at	1000*	Hole Streight
Acid	bettle	test	et	1250'	Hole Streight
A cid	bottle	test	a t	1500*	Hole Streight
àe i d	bottle	test	at	1750	Deviation 1 degree
Acid	bottle	test	at	2000*	Hole Streight
Aoid	bottle	test	at	24601	Hole Straight

IRILL STEE TEST

None,