						ידאין		New Me		OMMISSI	DEM
							<b></b>		ALL.	منابعة ميتيميري المنابعة ميتيميري	040
										JAN 1 5	
					, i		WELL R	ECORD		OBBS (	FFICE
Cent					ing 1919 - Angelander 1919 - Angelander	1099. ji			H	099-	
			•	age	nt not more	than twenty	da <b>ys</b> after c	completion o	f well. 1	tico, or its p Follow instruc questionable	ctions
LOCA	AREA 640 TE WELL	ACRES CORRECT	I			with (?). SI				d new riou a Die	dat <del>a</del>
Gul	1 011	Corpo	orați	on	1 .		T	ulsa,	Oklal	10 <b>88</b>	
R111		Company	y or Ope		1	SE SI	-	17	ldress	24	8
R. 3	7E Lease		÷.	Vell No Ma.\$1	i iz	Field,	of S	ec		, T <b>.</b>	0
Well is_		,		North line	and 66	feet v		East line	of	<b>JE</b> /4	County
If State 1	land the o	il and gas	s lease i	s No	· · · · · · · · · · · · · · · · · · ·	Assignm	ent No		•	•	
-					Ŷ			ddress			
The Less			011	Corpora	tion		٨	ddrose	Tulse	, Okla	
-	commence		11-1 L	3- offland	<u>19</u> 3 L Broth	9. Drilling	; was com	pleted	12-2	21- Lahoma	19 39
	drilling c n above se				3270	feet.	., Address.	- West (*	<u>.</u>		
				confidentia		•					
<b></b>		570'		76	OFI	DS OR ZON					
No. 1, fro No. 2, fro		<u> </u>	Pay to	tiant"		No. 4, 1 No. 5, 1					· · · · · · · · · · · · · · · · · · ·
										0	
						r water					
	lata on ra om <b>Rot</b>					hich water					
No. 4, fr	om		<i></i>			G RECORI		feet.	· · · <u>·</u>		- <del>1</del>
	1	<del></del>		1							
SIZE	WEIGH PER FOO	T TH DT PER	READS R INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & F FROM		PERI	TORATED	PURPOSE
		Ì						1			
					ین کرد. <u>کرد کرد کرد</u> م		:				
9-5/8	25.	7 3-0	lauge		281'		: • • • •				
9-5/8"		7 3-9		Areso	281'						
9 <u>-5/8</u> " 6"	25. 16	7 3-9	lauge *		<u> </u>						
		7 3-9		Areso	281'						
		7 3-9		Armeo Smls.	281 ' 3350 '		GRECOR	Э. Э. Э.			
	16	7 3-9	•	Armeo Smls.	281 ' .3350 ' DING AND	-	1	D GRAVIT	Y	AMOUNT OF	' MUD USED
6	16		SET	Armso Smls. Mudd	281.1 .3350 ' PING AND ( F MET	CEMENTIN HOD USED	MU	D GRAVIT			MUD USED
6 size of Hole <b>3-3/4</b>	size of Casing	WHERE	set 1	Armso Sals. MUDD NO. SACKS OF CEMEN	281' .3350' DING AND F MET Hall	CEMENTIN HOD USED	MU L & USI	D GRAVIT			
6	16 SIZE OF CASING 9-5/8	WHORE 2.4	set 1	Armso Sals. MUDD NO. SACKS OF CEMENT 225	281' .3350' DING AND F MET Hall	CEMENTIN HOD USED	MU L & USI	D GRAVIT			
6 SIZE OF HOLE 3-3/4 7-7/8	16 size of casing 9-5/8 6	WHDRE 26 335	* SET 31' 50'	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350	281 ' .3350 ' PING AND ' MET Hall Hall Hall PLUGS A	CEMENTIN HOD USED 1burton 1burton 1burton	MU A & USA	d gravit	t of	<u>calcim</u>	e oblor:
6 SIZE OF HOLE 3-3/4 7-7/8 Heaving	size of Casing 9-5/8 6 plug_M	WHERE 24 335 aterial	\$ET 31. j01	Armco Smls. MUDD NO. SACKS OF CEMEN 225 350	281. 3350 PING AND MET Hall Hall PLUGS A Length	CEMENTIN HOD USED 1 DURTOR 1 DURTOR	MU A USI	D GRAVIT	pth Set	<u>calciu</u>	e oblor:
6 SIZE OF HOLE 3-3/4 7-7/8 Heaving	size of Casing 9-5/8 6 plug_M	WHERE 24 335 aterial	* SET 31 '	Armco Smls. MUDD NO. SACKS OF CEMMEN 225 350	281 -3350 PING AND F MET Hall Hall PLUGS A Length Size	CEMENTIN HOD USED 1burton 1burton 1burton	MU A Usi VERS	D GRAVIT	ppth Set	<u>calciu</u>	e oblor:
6 SIZE OF HOLE 3-3/4 7-7/8 Heaving Adapter	size of CASING 9-5/8 6 plug—M s—Materia	WHDRE 23 335 aterial	* SET 31' 30' RECO	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350	281 ' .3350 ' DING AND ' F MET Hall Hall Hall BLUGS A Length Size HOOTING	CEMENTIN HOD USED 1DURTON 1DURTON ND ADAPT OR CHEM	MU A & USA VERS	D GRAVIT	ppth Set	<u>calcim</u>	a oblor:
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE	size of CASING 9-5/8 6 plug_M s_Materia	WHERE 2335 aterial al	SET SET 31. 31. 31. 30. 30. 30. 30. 30. 30. 30. 30. 30. 30	Armco Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED	281. 281. 281. 281. 281. 281. MET He11 He11 He11 He11 He11 He11 He11 He11 QUAN	CEMENTIN HOD USED 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton	MU USI VERS IICAL TH DATE	D GRAVIT	ppth Set	CELCIW	LEANED OU
6 SIZE OF HOLE 3-3/4 7-7/8 Heaving Adapter	size of CASING 9-5/8 6 plug_M s_Materia	WHERE 2335 aterial al	SET SET 31. 31. 31. 30. 30. 30. 30. 30. 30. 30. 30. 30. 30	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350	281. 281. 281. 281. 281. 281. MET He11 He11 He11 He11 He11 He11 He11 He11 QUAN	CEMENTIN HOD USED 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton	MU USI VERS IICAL TH DATE	D GRAVIT	ppth Set	CELCIW	a eblor:
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE	size of CASING 9-5/8 6 plug_M s_Materia	WHERE 2335 aterial al	SET SET 31. 31. 31. 30. 30. 30. 30. 30. 30. 30. 30. 30. 30	Armco Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED	281. 281. 281. 281. 281. 281. MET He11 He11 He11 He11 He11 He11 He11 He11 QUAN	CEMENTIN HOD USED 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton 1burton	MU USI VERS IICAL TH DATE	D GRAVIT	ppth Set	CELCIW	LEANED OU
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10	size of CASING 9-5/8 6 9-5/8 6 s-Materia SHELI	WHERE 28 335 aterial al	SET SET SI SO CHEM .1qu10	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glys.	281 281 3350 PING AND F MET Hall Hall FLUGS A Length Size HOOTING QUAN 2	CEMENTIN HOD USED 1DUTION 1DUT	MU A USI VERS IICAL TH ATE -13-39	D GRAVIT	ppth Set	CELCIW	LEANED OUT
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10	size of CASING 9-5/8 6 9-5/8 6 s-Materia SHELI	WHERE 28 335 aterial al	SET SET SI SO CHEM .1qu10	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glys.	281 281 3350 PING AND F MET Hall Hall FLUGS A Length Size HOOTING QUAN 2	CEMENTIN HOD USED 1DURTOR	MU A USI VERS IICAL TH ATE -13-39	D GRAVIT	ppth Set	<b>CALCIW</b> DEPTH C	LEANED OUT
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10	size of CASING 9-5/8 6 9-5/8 6 s-Materia SHELI	WHERE 28 335 aterial al	BET SET SET SO SO RECO EXP CHEN .1qu10 pmical tr	Armso Smls. MUDD NO. SACKS OF CEMEN 225 350 ORD OF S LOSIVE OR MICAL USED 1 Glys.	281 281 .3350 PING AND F MET Hall Hall FLUGS A Length Size HOOTING QUAN 2	CEMENTIN HOD USED 1DURTOR	MU A USI VERS IICAL TH ATE -13-39	D GRAVIT	ppth Set	<b>CALCIW</b> DEPTH C	LEANED OUT
6 SIZE OF HOLE 3-3/4 Results Results	size of CASING 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9-5/8 9 9 9-5/8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	WHERE 2335 aterial aterial aterial aterial	SET SI SO SO CHEM .1qu10	Armco Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glys. reatmont	281 .3350 PING AND F MET Hall Hall PLUGS A Length Size HOOTING QUAN 2 PLUGS A	CEMENTIN HOD USED 1 DURTON 1 D	MU MU MU MU MU MU MU MU MU MU	D GRAVIT	popth Set	<b>GALCIW</b> DEPTH C 24851	LEANED OUT
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s	size of CASING 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9-5/8 6 9-5/8 9-7/8 9-7/8 9-7/8 9-7/8 9-7/8 9-7/8 9-7 9-7 9-7 9-7 9-7 9-7 9-7 9-7 9-7 9-7	WHERE 26 335 aterial al LUSED LUSED	RECO EXP CHEN .1qu10 pmical tr	Armco Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glye. reatmont RECORD O or deviatio	281. .3350 ING AND F MET Hall Hall PLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO	CEMENTIN HOD USED 1 DURTON 1 D	MU A USI VERS IICAL TH DATE -13-39 SPECIAL submit re	D GRAVIT	ppth Set T T to 3	BEPTH C	LEANED OUT
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary	size of CASING 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9-7/8 9-5/8 9-7/8	WHERE 2335 aterial al LUSED LUSED LUSED LUSED	RECO EXP CHEN .1qu10 mical tr ial tests	Armco Smls. MUDD NO. SACKS OF CEMENT 225 350 ORD OF S LOSIVE OR AICAL USED 1 Glyc. reatment RECORD O or deviatio	281. 281. 281. 281. 281. 281. 281. MET Hall FMET Hall FMET Hall Rall QUAN 2 0 QUAN 2 0 0 0 0 0 0 0 0 0 0 0 0 0	CEMENTIN HOD USED 1burton 1burton 1burton 1burton 1burton 30 12- 1 3571 fe	MU A USI VERS IICAL TH DATE -13-39 SPECIAL submit re et, and fr	D GRAVIT	epth Set	Calcin DEPTH C 1851 sheet and a feet to	LEANED OUT 36251
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary	size of CASING 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9-7/8 9-5/8 9-7/8	WHERE 2335 aterial al LUSED LUSED LUSED LUSED	RECO EXP CHEN .1qu10 mical tr ial tests	Armco Smls. MUDD NO. SACKS OF CEMENT 225 350 ORD OF S LOSIVE OR AICAL USED 1 Glyc. reatment RECORD O or deviatio	281 281 3350 PING AND F MET Hall PLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO eet to 3 eet to 3	CEMENTIN HOD USED 1burton 1burton 1burton 1burton 1burton 30 12- 1 3571 fe	MU A USI VERS IICAL TH DATE -13-39 SPECIAL submit re et, and fr	D GRAVIT	epth Set	Calcin DEPTH C 1851 sheet and a feet to	LEANED OUT
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2"x10 Results If drill-s Rotary Cable t Put to p	size of CASING 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9-5/8 9-5/8 6 9-5/8 9-5	WHERE 2335 aterial al LUSED g or che her speci b used fr used fr used fr	RECC EXP CHEM JQ1 SET J1 SO1 SO1 SO1 SO1 SO1 SO1 SO1 SO1 SO1 SO	Armco Smls. Smls. MUDD NO. SACKS OF CHMEN 225 350 ORD OF S LOSIVE OR AICAL USED 1 Glyc. reatment RECORD O or deviatio 0' f 57' f	281. 281. 3350 ING AND MET Hall Hall Ball PLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO eet to 3 eet to 3 PRO ,193	CEMENTIN HOD USED 1DUTTOR 1DUTTOR OR CHEM TITY I 80 12- STEM AND were made, OLS USED 357' fe 625' fe 0DUCTION 9	MU A USA VERS HCAL TH DATE -13-39 SPECIAL submit re- et, and fr et, and fr	D GRAVIT	epth Set	calcim	LEANED OUT 3625!
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary Cable t Put to p The pro	size of CASING 9-5/8 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9-5	WHERE 28 335 aterial al LUSED LUSED LUSED Lused fr used fr used fr used fr used fr	RECC EXP CHEN .1qu1C omical tr ial tests rom rom 24 hour	Armso Smls. Smls. MUDD NO. SACKS OF CEMEN 225 350 ORD OF S LOSIVE OR MICAL USED 1 Glys. reatment RECORD O or deviatio 0' f 57' f	281 281 .3350 ING AND F MET Hall Hall PLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO eet to eet to PRO .193	CEMENTIN HOD USED 1DURTOI 1DURTOI 1DURTOI 1DURTOI 1DURTOI STEM ADAPT 80 12- 1 80 12- 1 1 80 12- 1 1 80 12- 1 1 1 80 12- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MU A USA VERS IICAL TH ATE 13-39 SPECIAL submit re et, and fr et, and fr of fluid of	D GRAVIT	epth Set	Calcin DEPTH C 1,851 sheet and a feet to feet to feet to	LEANED OUT 36251
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE /2"x10 Results If drill-s Rotary Cable t Put to p The pro emulsion	suze of CASING 9-5/8 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8	WHERE 2335 aterial	RECC EXP CHEN JOI DI IQUIC I I IQUIC I I I IQUIC I I I I I I I I I I I I I I I I I I	Armeo Smls. Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glye. reatment RECORD O or deviatio 0' f 57' f	281 281 3350 PING AND F MET Hall FLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO eet to 3 eet to 3 eet to 3 PRO .193	CEMENTIN HOD USED 1burton 1bur	MU A USA VERS HCAL TF DATE -13-39 SPECIAL submit re et, and fr et, and fr of fluid of Gravity, H	D GRAVIT	epth Set	Calcim DEPTH C 1851 sheet and a feet to feet to feet to feet to	LEANED OU 3625!
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary Cable t Put to p The pro- emulsion If gas w	size of CASING 9-5/8 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9 9-5/8 6 9-5/8 9 9 9-5/8 9 9 9-5/8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	WHERE 24 335 aterial al LUSED LUSED L g or che be used fu used fu used fu used fu used fu	SET SET SI SET SI SO RECO EXP CHEN .1qu10 omical tr ial tests rom rom 3; 24 hour water; hours	Armeo Smls. Smls. MUDD NO. SACKS OF CEMEN 225 350 350 ORD OF S LOSIVE OR MICAL USED 1 Glye. reatment RECORD O or deviatio 0' f 57' f	281 281 3350 ING AND METHEN Hall Hall Hall Hall PLUGS A Length Size HOOTING QUAN 2 OF DRILLS on surveys TOO eet to 3 eet to 3 eet to 3 PRO 7 9 0 0 0 0 0 0 0 0 0 0 0 0 0	CEMENTIN HOD USED 1DURTON 1DURTON 1DURTON 1DURTON 1DURTON 0R CHEM 1DURTON 12- 0R CHEM 12- 0R CHEM 12- 0R CHEM 12- 0R CHEM 12- 10 0R CHEM 12- 10 10 12- 10 10 12- 10 10 10 10 10 10 10 10 10 10 10 10 10	MU A USA VERS HCAL TF DATE -13-39 SPECIAL submit re et, and fr et, and fr of fluid of Gravity, H	D GRAVIT	epth Set	Calcim DEPTH C 1851 sheet and a feet to feet to feet to feet to	LEANED OUT 36251
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary Cable t Put to p The pro- emulsion If gas w	size of CASING 9-5/8 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9 9-5/8 6 9-5/8 9 9 9-5/8 9 9 9-5/8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	WHERE 24 335 aterial al LUSED LUSED L g or che be used fu used fu used fu used fu used fu	SET SET SI SET SI SO RECO EXP CHEN .1qu10 omical tr ial tests rom rom 3; 24 hour water; hours	Armeo Smls. Smls. MUDD NO. SACKS OF CEMEN 225 350 225 350 0RD OF S LOSIVE OR ICAL USED 1 Glys. RECORD O or deviatio 0' f 57' f s was 9 and 602,88	281 281 3350 PING AND F MET Hall PLUGS A Length Size HOOTING QUAN 2 OF DRILL-S on surveys TOO eet to PRO  0 PRO PRO PRO PRO PRO PRO PRO PRO PRO PRO	CEMENTIN HOD USED 1DURTON 1DURTON 1DURTON 1DURTON 1DURTON 0R CHEM 1DURTON 12- 0R CHEM 12- 0R CHEM 12- 0R CHEM 12- 0R CHEM 12- 10 0R CHEM 12- 10 10 12- 10 10 12- 10 10 10 10 10 10 10 10 10 10 10 10 10	MU A USA VERS HCAL TF DATE -13-39 SPECIAL submit re et, and fr et, and fr of fluid of Gravity, H	D GRAVIT	epth Set	Calcim DEPTH C 1851 sheet and a feet to feet to feet to feet to	LEANED OU 3625!
6 SIZE OF HOLE 3-3/4 Heaving Adapter SIZE -/2*x10 Results If drill-s Rotary Cable t Put to p The pro- emulsion If gas w	size of CASING 9-5/8 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 6 9-5/8 9 9 9-5/8 9 9 9-5/8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	WHERE 24 25 26 26 26 27 26 27 27 27 28 28 28 28 28 28 28 28 28 28	RECC EXP CHEN .1qu1C omical tr ial tests rom rom 3; 24 hour water; hours in Ga	Armeo Smls. MUDD NO. SACKS OF CEMEN 225 350 225 350 0RD OF S LOSIVE OR MICAL USED 1 Glys. reatment RECORD O or deviatio 0' f 57' f * 16, 's was 9 and 602,88 1ng Pr	281 281 3350 ING AND F MET Hall Hall PLUGS A Length Size HOOTING QUAN 2 0 PF DRILL-S on surveys TOO eet to 3 eet to 3 eet to 3 eet to 3 F PRO 5 C C 5 C C 5 C C C C	CEMENTIN HOD USED 1 DURTON 1 DURTON 1 DURTON 1 DURTON 0 R CHEM 1 DURTON 0 R CHEM 1 DURTON 0 LS USED 357' fe 625' fe 0 DUCTION 9	MU A USA VERS IICAL TH ATE 13-39 SPECIAL submit re et, and fr et, and fr of fluid of Gravity, I gasoline p	D GRAVIT	epth Set T SHOT <b>10</b> <b>3</b> eparate	Calcim DEPTH C 1851 sheet and a feet to feet to feet to feet to	LEANED OUT 36251

1

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12	Tulsa, Oklahoma January 12, 1940
day of January , 1940	Name Date Date
NWEvans	Position General Superintendent

## FORMATION RECORD

0'     61'     Galiabe       100     Band shells       150     Badd Seel & sand       150     Bad bed & shells       150     Bad bed & shells       150     Bad bed & shells       150     Bad seel & shells       150     Bad rook & sand       150     Bad rook & sand       150     Anhydrite & sand       150     Anhydrite & sand       2148     Anhydrite & slis       2251     Anhydrite & lise       2265     Anhydrite & lise       2265     Anhydrite & lise       231     Lise & shall       231     Lise & slis       2351     Lise & slise       2361     Lise & shall       2375     Anhydrite & lise       231     Lise & slise       231     Lise & slise       2352     Lise       2361     Lise & slise       2371     Lise & slise       2362     Lise & slise       2371     Lise & slise       2363     Bard slise       2364     Sand slise       2371     Lise & slise       2363     Bard lise       2364     Sand slise       2365     Bard lise       2366     Lise & sand	FROM	<b>TO</b>	THICKNESS	Inde -	FORMATION
170       Bedd bed a sand         267       Red bed a shalls         760       Red bed a shalls         500       Red reak sand         1150       Antydrite salt a petash         2148       Antydrite salt a petash         2511       Antydrite salt a petash         2651       Batydrite salt a petash         2651       Batydrite salt a petash         2652       Batydrite salt a petash <td>01</td> <td>611</td> <td></td> <td>(a) tobe</td> <td></td>	01	611		(a) tobe	
140     Red bed a sand       245     See bed a shells       500     Red bed a shells       500     Red bed a shells       500     Red reak a shells       1010     Red reak a shells       1250     Ashydrite A said       1250     Ashydrite A said       2511     Ashydrite A said       2512     Ashydrite A said       2513     Ashydrite A said       2514     Ashydrite A said       2515     Ashydrite A said       2516     Ashydrite A said       2517     Ashydrite A line shells       2511     Ashydrite A said       2512     Ashydrite A said       2513     Ashydrite A said       2514     Ashydrite A said       2515     Ashydrite A said       2516     Genry line       2517     Ashydrite A said       2518     Genry line       2511     Hard sray line       2525     Genry line       2536     Jame       2537     Genry line       2538     Genry line       2549     Genry line       2550     Jame       2561     Jame       2562     Genry line       2563     Jame       2564     Jame <t< td=""><td>U.</td><td>170</td><td></td><td></td><td></td></t<>	U.	170			
Pig     Children     The bed a shall       500     Red bed a shalls       500     Red bed a shalls       500     Red bed a shalls       500     Red reak a shalls       1150     Red reak a shalls       2010     Antrite a shall       2116     Antrite a shall       2117     Antrite a shall       2118     Antrite a shall       2119     Antrite a shall       2111     Antrite a shall       2112     Antrite a shall       2113     Antrite a shall       2114     Antrite a shall       2115     Antrite a shall       2111     Antrite a shall       2112     Antrite a shall       2111     Antrite a shall       2111     Antrite a shall       2111     Antrite a shall       2111     Antrite a shall       2127     Line       2128     Gray sand       2129     Gray sand       2129     Gray sand       2129		190			
280     Red bed a shells       500     Red bed a shells       500     Red reak a shells       1050     Red reak a shells       1250     Anbrinise a salt       2511     Anbrinise a salt       2512     Anbrinise a salt       2513     Anbrinise a salt       2514     Anbrinise a salt       2515     Anbrinise a line about       2516     Anbrinise a line about       2517     Anbrinise a line about       2518     Anbrinise a line about       2511     Anbrinise a line about       2512     Anbrinise a line about       2511     Anbrinise a line about       2512     Anbrinise a line about       2511     Anbrinise a line about       2512     Anbrinise about       2513     Anbrinise about       2514     Line a saby       2525     Line about       2526     Bard gray line       2527     Line about       2528     Line       2529     Line about       2520     Read press       2521     Line about       2522     Line about       2523     Gray sand       2524     Jane a sand       2525     Gray sand       2526     Bard line   <		24.5	0.600997-1	Bod bad & sand	المراجع مستعد المراجع
Yes     Red bed & shalls       500     Head bed & shalls       1100     Hed reak & shalls       1100     Hed reak & shalls       1100     Hed reak & shalls       1100     Andrydrike & salt       1200     Anhydrike & salt       2140     Anhydrike & salt       2141     Anhydrike & salt       2142     Anhydrike & salt       2143     Anhydrike & salt       2205     Anhydrike & lime       2205     Anhydrike & shale       2205     Anhydrike & shale       2205     Anhydrike shale       2205     Anhydrike shale       2311     Anhydrike shale       2405     Anhydrike shale       2512     Anhydrike shale       2514     Gray lime       1155     Head shale       1167     Lime       117     Gray lime       118     Jooff lime       <		287	ار این این امین امیرا افریکا به طرو بیکا ا	Red bed	
200     And Seed & shells       1050     Read & shells       1150     Read & shells       1210     Anhydrite & salt       2511     Anhydrite & salt       2511     Anhydrite & salt       2511     Anhydrite & lime shells       2511     Anhydrite & lime shells       2512     Anhydrite & lime shells       2513     Anhydrite & lime shells       2514     Anhydrite & lime shells       2515     Anhydrite shells       2511     Anhydrite shells       2512     Jime & shale       2513     Anhydrite shells       2514     Anhydrite shells       2515     Anhydrite shells       2517     Jime shale       2511     Jime shells       2512     Jime shells       2514     Jime shells       2515     Jime shells       2516     Jime shells       2517     Jime shells       2518     Jime shells       2519     Jime shells       2520     Jime shells       2531     Jime shells       2542     Jime shells       2543     Gray lime       2544     Jime shells       2555     Gray shell       2560     Jime shend       2560		124		Red bad & shall	1.
Big       Peak A shall         1150       Ref rock & sand         1250       Anhydrite & salt         2116       Anhydrite & salt         251       Anhydrite & salt         2607       Anhydrite & salt         2607       Anhydrite & lime         2703       Anhydrite & lime         2704       Anhydrite & lime         2705       Anhydrite & lime         2844       Anhydrite & lime         2914       Anhydrite shale         2915       Anhydrite shale         2916       Anhydrite shale         2917       Anhydrite shale         2918       Anhydrite shale         2919       Anhydrite shale         2911       Anhydrite         2912       Anhydrite         2913       Lime         2914       Anhydrite         2915       Lime         2916       Lime         2917       Lime         2918       Lime         2919       Lime         2910       Lime         2911       Lime         2912       Lime         2913       Lime         2914       Lime		500		Red bed & shall	
1030 1250 1250 2116 2517 2637 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750 2647 2750	ere de	830	t gan a sa ga	Game A unber Stern	
Antydrite, sait potash Antydrite, sait potash Antydrite, site potash Antydrite, sine 2864 Antydrite, ine 2864 Antydrite, ine 2975 Antydrite, ine 2975 Antydrite, shale 2971 Lime & antydrite 3074 Lime & antydrite 3774 Gray lime 3600 Gray lime 3600 Gray lime 3600 Gray lime 3600 Gray lime 3601 Juli Juli Jist 3506 Lime & shale 3506 Lime & shale 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3507 Jist 3506 Jist 3506 Jist 3500 Jist 3600 Jist 36	ere it	1010	tere en	Bed rook & san	
Antydrite, sait potash Antydrite, sait potash Antydrite, site potash Antydrite, sine 2864 Antydrite, ine 2864 Antydrite, ine 2975 Antydrite, ine 2975 Antydrite, shale 2971 Lime & antydrite 3074 Lime & antydrite 3774 Gray lime 3600 Gray lime 3600 Gray lime 3600 Gray lime 3600 Gray lime 3601 Juli Juli Jist 3506 Lime & shale 3506 Lime & shale 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3506 Jist 3507 Jist 3506 Jist 3506 Jist 3500 Jist 3600 Jist 36		1160		Red Tost - 1956	
Antydrite, sait potash Antydrite, sait potash Antydrite, site potash Antydrite, sine 2865 2865 2865 2867 2991 2012 2991 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2015 2016 2000 2		1230		Anhydrite	
2841       Anhydrite fire       State         2912       Anhydrite, grp & shale         2913       Anhydrite, grp & shale         2914       Line & shydrite         1034       Line & shydrite         1157       Line & shydrite         116       Gray line         117       Hard gray line         111       Hard gray line         111       Hard gray line         1127       Line & shale         111       Hard gray line         1127       Line & shale         1128       Gray line         1121       Hard gray line         1126       Gray line         1127       Line & shale         1128       Gray line         1129       Gray line         1120       Gray line         1121       Hard line         12523       Gray sand         12524       Hard line         12525       Gray sand         12560       Gray sand         12561       Hard line         12600       Gray sand         12600       Soft line         12601       Sandy line         12602       Gray sandy line		21,1,8		Ashydrite & sa	lt i i i i i i i i i i i i i i i i i i i
2842       Anhydrife, grp & shale         2912       Anhydrife, grp & shale         2975       Anhydrife, grp & shale         2975       Anhydrife, grp & shale         3034       Line & anhydrife         1357       Line & anhydrife         1357       Line         1360       Gray line         1411       Hard gray line         1427       Line & shale         1411       Hard gray line         1427       Line & shale         1447       Line & shale         1543       Gray line         1543       Gray samd         1553       Jane         1564       Jane         1555       Line & shale         1565       Jane         1563       Gray samd         1563       Gray samd         1565       Line         1563       Gray samd         1565       Jane         1566       Gray samd         1565       Ja		2554	< · · · · · · · · · · · · · · · · · · ·	Anhydrite, sal	t & potash
2841       Anhydrite, grp & shale         2942       Anhydrite, grp & shale         2975       Line & shale         2975       Line         2975       Line         2975       Line         2975       Line         2975       Line         2975       Line         2977       Gray line         2977       Line         2977       Gray line         2077       Line & shale         2077       Bandy line         2077       Line & shale         2077       Line & shale         2078       Gray line         2070       Hard line         2070       Bandy line         2070       Line         2070       Line         2070       Line         2070       Line         2070       Line         2070       Line <td></td> <td>-2687</td> <td>· · · · · ·</td> <td>Asbydrite</td> <td></td>		-2687	· · · · · ·	Asbydrite	
2841       Anhydrite, grp & shale         2942       Anhydrite, grp & shale         2975       Line & shale         2975       Line         2975       Line         2975       Line         2975       Line         2975       Line         2975       Line         2977       Gray line         2977       Line         2977       Gray line         2077       Line & shale         2077       Bandy line         2077       Line & shale         2077       Line & shale         2078       Gray line         2070       Hard line         2070       Bandy line         2070       Line         2070       Line         2070       Line         2070       Line         2070       Line         2070       Line <td></td> <td>2743</td> <td></td> <td>Anhydrite &amp; li</td> <td></td>		2743		Anhydrite & li	
2975 2971 Anhydrite, gyp & shale 3034 Line & anhydrite 3155 11ne & anhydrite 3155 11ne 3155 11ne 3160 0ray line 11ne 3161 11ne 3163 1105 1110 1		2805	1	Anhydrite & li	shells
2975 2971 Anhydrite, gyp & shale 3034 Line & anhydrite 3155 11ne & anhydrite 3155 11ne 3155 11ne 3160 0ray line 11ne 3161 11ne 3163 1105 1110 1	the star in	2864	. *	Anhydrite & 11	
2975       Anhydrite, grp & shale         2031       Line & anhydrite         2357       Line & anhydrite         2357       Gray line         2358       Gray line         2400       Proken line         3411       Hard gray line         3427       Line & shale         3411       Hard gray line         3427       Line & shale         3438       Borken line         3443       Borken line         3444       Hard line         3523       Bandy line         3524       Line & shale         3525       Gray line         3526       Line & shale         3527       Bandy line         3528       Gray sandy line         3529       Gray sandy line         3590       Gray sandy line         3625       Soff line         3625	1	2942		ADDYGTITE. SYD	
23250       Lime         3350       Gray lime         3400       Gray lime         3400       Gray lime         3400       Gray lime         3400       Gray lime         3411       Hard gray lime         3433       Gray lime         3434       Gray lime         3556       Lime         3556       Lime         35570       Bandy lime         35570       Bandy lime         35570       Lime & sand         35590       Lime & sand         3590       Gray sandy lime         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3590       Gray sandy lime         3590       Lime & sand         3600       Banky lime         3625       Soft lime         7600       Randy lime         Jime       Jime         3625       Soft lime         3625       Soft lime         70700       Total DEPTH         3625       Jidoi         7001       Jidoi         701       Jene         2780       Jido		2975	1	Anhydrite, gyp	* shalo a ser dere
2326       Lime         3350       Gray lime         3400       Gray lime         3401       Broken lime         3411       Bard gray lime         3433       Gray lime         3441       Gray lime         3523       Gray lime         3441       Gray lime         3524       Gray lime         3525       Gray lime         3526       Lime         3527       Bandy lime         3528       Gray sand         3529       Gray sand         3590       Lime & sand         3595       Lime & sand         3590       Lime & sand         3600       Lime         3625       Boft lime         3625       Soft lime         3625       Joft lime         Anhydrite       1135'         Anhydrite       1135'         Anhydrite       1135'         Anhydrite       1136'         Yates       2780'         Yates       1400'		2991		Anhydrite shel	
23220       Lime         34000       Gray lime         34000       Gray lime         34000       Gray lime         3411       Hard gray lime         3438       Gray lime         35510       Hard gray lime         35520       Gray lime         35511       Hard gray lime         35523       Bandy lime         35524       Hard lime         35525       Gray ime         35526       Lime         35570       Hard lime         35570       Hard lime         35570       Lime & sand         35595       Lime & sand         35606       Lime         35970       Gray sandy lime         35970       Lime & sand         35970       Lime & sand         35970       Lime & sand         35970       Lime & sand         36025       Soft lime         36026       Lime         3625       Soft lime		3034	· · ·	Lime & anhydri	
2000       Gray lime         Broken lime       Broken lime         3427       Lime         3438       Goray lime         3506       Lime         3512       Lime         3523       Sand         3526       Lime         3527       Sand         3528       Gray lime         35290       Gray sand         35291       Lime         Standy lime       Lime         Lime       Soft         Standy lime       Lime         Jandy lime       Lime         Jandy lime       Lime         Jandy lime       Soft         Jang       Jang         Jang       Jang         Jang       Jang         Jang       Jang         Jang       Jang         Jana		<u> 2357</u>			
2000       Gray lime         Broken lime       Broken lime         3427       Lime         3438       Goray lime         3506       Lime         3512       Lime         3523       Sand         3526       Lime         3527       Sand         3528       Gray lime         35290       Gray sand         35291       Lime         Standy lime       Lime         Lime       Soft         Standy lime       Lime         Jandy lime       Lime         Jandy lime       Lime         Jandy lime       Soft         Jang       Jang         Jang       Jang         Jang       Jang         Jang       Jang         Jang       Jang         Jana		3358		Line	an a
2000       Gray lime         Succession       Broken lime         Broken lime       Broken lime         Succession       Gray sand         Succession       Gray sand      <		2274	- · · · ·	Gray line	
3431       367* 11me         3506       Lime & shale         3523       Bendy lime         3529       Grey sand         3538       Lime         3590       Grey sand         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3606       Elime         3608       Soft lime         3609       Formation         3625       Soft lime         Anhydrite       1135'         Salt Base       2590'         Zates       2780'         Juice & sand       1135'         Salt Base       2590'         Zates       2780'         Polarise       2780'         Juice A sand       1135'         Salt Base       2590'         Zates       2780'         Polarise       2570'         Pay       1100'         Juice A sand       1135'         Juice A		3383	e fettuare	Line	<ul> <li>The second s</li></ul>
31431       Boff 11me         35066       Lime & shale         35527       Bendy lime         3570       Bard 11me         3570       Bard 11me         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3608       Lime & sand         3609       Bandy lime         Lime & sand       Sandy lime         Lime & sand       Sandy lime         Jime & sand       Sandy lime         <		5400		Gray lime	
31431       Boff 11me         35066       Lime & shale         35527       Bendy lime         3570       Bard 11me         3570       Bard 11me         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3608       Lime & sand         3609       Bandy lime         Lime & sand       Sandy lime         Lime & sand       Sandy lime         Jime & sand       Sandy lime         <		3405		Broken line	the state of the s
31431       Boff 11me         35066       Lime & shale         35527       Bendy lime         3570       Bard 11me         3570       Bard 11me         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3590       Lime & sand         3608       Lime & sand         3609       Bandy lime         Lime & sand       Sandy lime         Lime & sand       Sandy lime         Jime & sand       Sandy lime         <		2411		Mara gray line	
Jian       Body t lime         J506       Lime & shale         J522       Bendy lime         Grey sand       Lime         J523       Bendy lime         Grey sand       Lime         J5070       Eard lime         J1100       Eard lime         J1110       Eard lime <td< td=""><td></td><td>2421</td><td></td><td></td><td>n para na kana na kana na kana na kana mana na kana na Na kana na kana</td></td<>		2421			n para na kana na kana na kana na kana mana na kana na Na kana na kana
3500       Lime & shale         3523       Jame & shale         3523       Jame & shale         3523       Jame & shale         3523       Jame & shale         3538       Jame & shale         3570       Jame & shale         3583       Jame & shale         3570       Jame & shale         3590       Gray sandy lime         Jime & sand       Sandy lime		24.20			
3512       Jime & shale         3523       Gray sandy lime         3570       Hard lime         3570       Gray sandy lime         3590       Gray sandy lime         3600       Sandy lime         36025       Soft lime         3625       Soft lime         70RMATION TOPS         1135         3600         3600         3602         3608         3625         Soft lime         70RMATION TOPS         Anhydrite         2700         Xates         2700         Total depth         7525		7491		Time Internet	
3523       Sandy lime         3520       Jime         3520       Hard lime         3550       Hard lime         35570       Hard lime         3590       Oray sandy lime         3595       Lime & sand         3608       Soft lime         3625       Soft lime         Anhydrite       1135'         Ashydrite       1135'         Salt Base       2590'         Intest       2750'         Anhydrite       1135'         Salt Base       2750'         Intest       1175'         Salt Base       2750'         Yates       34,700'         Penrose       757'         Pay       54,00'         Yif       Anhydrite         Yif       Anhydrite         Anhydrite       1135'         Salt Base       2750'         Yates       3625'		7512		Idama A chala	$\mathbf{I}_{i+1} = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix}$
3529       Gray sand         3570       Hard lime         3590       Gray sandy lime         3595       Lime & sand         3600       Sandy lime         3608       Lime         3625       Soft lime         7074L DEPTH         7075         7074L DEPTH         7075         7075         7075         7075         7075	1	7527			
3538       Lime         3590       Gray sandy lime         3595       Lime & sand         3608       Lime         3625       Soft lime         7071100       Total DEPTH         1135       Soft lime         1135       Soft lim		3520			
3570       Hard lime         3590       Hard lime         3595       Soft         3608       Sandy lime         3625       Soft lime         Total DEPTH         Anhydrite       1135         Salt Base       2780         Yates       2780         Total depth       3625		1678		Titma	
22003 3505 3608 3608 3625		3570	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	Hawa 14ma	β. <sup>2</sup> . 4. <u>3</u> .
3590       Gray sandy lime         3500       Sandy lime         3608       Lime         3625       Soft lime         TOTAL DEPTH         Anhydrite         Anhydrite         Salt Base         2590         Yates		1581	.1.1.0	Harri 14mm	an norweg see gyr of an 🙀 a 🗣 e 🕬 a solo o 🖓 🖓
3595       Lime & said         3608       Lime         3625       Soft lime         TOTAL DEPTH         Anhydrite         Salt Base         2590'         Xates         2780'         Inight         Penrose         Jord         Total depth		3590			
Sold     Sandy line       Jime     Line       Solt line     TOTAL DEPTH       Anhydrite     1135'       Salt Base     2590'       Yates     2780'       Enight     3625'       Penrose     7570'       Pay     3625'		3595			
3608       Lime         Soft lime       TOTAL DEPTH         Anhydrite       1135         Salt Base       2780         Yates       2780         Total depth       3438         Penrose       7570         Pay       3480         Total depth       3625		3600			
3625 Soft line TOTAL DEPTH Anhydrite Salt Base Zates Enight Penrose Pay Total depth 3625 1135 2590 2438 1135 2590 2438 2590 2438 2570 257		3608			en e
Anhydrite Anhydrite Balt Base Iates Inight Pearose Pay Total depth 3625		3625			TOTAL DEPTH
Anhydrite Balt Base Xates Inight Penrose Pay Total depth		· ····	-		
Anhydrite Balt Base Xates Inight Pearose Pay Total depth 36251				an the state of the state of the	
Anhydrite Balt Base Xates Inight Pearose Pay Total depth 36251					OPMATION TOPS
AnnydFite Balt Base Zates Zates Znight Pearose Pay Total depth 56257		e porte a tra	• ***		
Balt Base       2550         Xates       2780         Enight       3436         Pearose       3570         Pay       3625         Total depth       3625         All and an an an and an			2	ANDVOFIL	1175
Tates 2780 Enight Pearose Pay Total depth 5570 5625 100 100 100 100 100 100 100 10				Salt Bas	• 259Ó'
Pearose Pay Total depth				Tates	2780'
Pearose Pay Total depth	ĺ				The second states and the se
	ł			Pearose	3570'
				Pay	34801
			-	Total de	pth 36251
	· .	-	5 - E		
		· · · · ·			na se ante de la companya de la comp En la companya de la c
	ł				
	ili		transfer t		•
	1				
	T	T			t i de la companya d

l statisti

 $\varphi_{i}(x) = \varphi_{i}(x)$ 

and the strategy of the second s water at ease of a state and the second secon 

States Arriste

the second second ÷ • • and he we do the and he we we we we we we have a set of the second s

(d)(x<sup>-1</sup>) = x<sup>-1</sup> - x<sup>-1</sup> - x<sup>-1</sup> - x<sup>-1</sup> - x<sup>-1</sup> - x<sup>-1</sup> t so an provincia ligned to see the second second

A state of the sta

-

and the second second

and the second sec and the second 

. . . . . . . .

. • 2

(a) Brown edge of the state of the state