STATE OF KANSAS STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Vali or Deliver Report to:
Conservation Division
State Cornoration Commission

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/5-025-/0/05-000 WELL PLUGGING RECORD

OR

FORMATION PLUGGING RECORD $\overset{ ext{s}}{"}$

CORD Strike out upper line when reporting plug-

Mail or Deliver Report to: Conservation Division State Corporation Commission		FORMIA				
800 Bitting Building Wichita, Kansas	Clark					(E)21(W)
NORTH	Location as "N	EMNWASWA"	or footage from	m lines C N	W NE	
	Lease Owner	The Pure O				
2	Lease Name	Harper, J. Box 9545 -	Ole Toberno	C++ 18 O	lel obomo	Well No2
	Character of W	Vell (completed as pleted2-				57
	Date well com	plugging filed	2-3			19 57 10 61
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	Plugging comp	r plugging approvenenced bleted	2-14	······································	*	10 61
	Plugging comp	oleted	2-23			19 61
	Reason for aba	andonment of well	or producing	formationDr	y Hole	

	If a producing	well is abandoned	l, date of last	production		19
Y and a well assessed as a state	Was permission	a obtained from t	he Conservati	ion Division or	ts agents before	e plugging was com-
Section Plat	menced?	. теэ М. Т.	T.o.cK amp	***************************************		***************************************
Jame of Conservation Agent who supe	rvised plugging of the	his well	- Dackanp		·····	51,95
Locate well correctly on above Section Plat Tame of Conservation Agent who supe Dry Hole Troducing formation Dry Hole Though the section of all water.	Dep	th to top	Bottom	T	otal Depth of W	rell5li72PBFcet
	or man Ban reserve	ns.				
OIL, GAS OR WATER RECORDS					. C	ASING RECORD
Formation	Content	From	To	, Size	Put In	Pulled Out
				16"	127'	•
				8-5/8"	1445	
				5 ½ "	55301	36641
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set 20 sacks cement plu plug 40 to bottom of ce on top of casing.	ellar and fil	led cellar t	o surface	e with soil	• Screwed	16" steel cap
•••••••••••••••••••••••••••••••••••••••	***************************************					
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Shale Date Top Bottom Shot-acid Remarks 2/11/57 Shale 2/11/57 Shale 2/18/57 Shale Shale Shale Shale Date Top Bottom Shot-acid Remarks 2/11/57 Shale 2/18/57 Shale 2/18/57 Shale Shale Shal	Ship Shale Ship Shale Ship Ship Shale Ship Ship Shale MORROW "C" SARID (Geol. Top) Ship Ship Ship Ship Ship Ship Ship Ship	-00	-		Cont Bon	, i	W-\$1/2	* <i>></i> 	<u> </u>	795	<u> </u>	74,50	_	<u> </u>	
Shale Shale DATE TOP BOTTOM SHOT-ACID REMARKS 2/17/57 Shile Sids 20 G. Controlflow with SO 2/18/57 Shile Sids Acid Petrofree: 10,000 G. A MISSISSIPTIM (Geol. Top) Ship 7 Line Line Line, white, crystal- DRILLING: COMMENCED 1/2/57 COMPLETED 2/12/57 DRILLED WITH (Unit Drilling Company) Rotary To DRILLED WITH (Unit Drilling Company) Rotary To FIRST PROD. AFTER ALL-DATE HRS. Ships 23 Coment in Side casing GAS/OIL RATIO POTENTIAL DRY Hole S GAS/OIL RATIO GRADE HRS. (1) Lane-Wells (Games Ray-Newtron) 2/17/57.	Shot or acid record DATE TOP BOTTOM BHOT-ACID REMARKS 2/17/57 Shi2 5158 20 G. Controlflow with 50 2/18/57 Shi2 5158 Acid Petrefree: 10,000 G. 168 HISSISSIPPIAE (Geol. Top) 5475 1695 20 Lime, white, crystal- 1170 RUTAL DEPTH Placed Back: 5472 23 Cament in 53° casing TOTAL DEPTH					,				 		<u>-</u>	 -		
DATE TOP BOTTOM SHOT-ACID REMARKS 2/17/57 Shil 2 Shi 8 20 G. Control flow with SO 1 2/18/57 Shi 2 Shi 8 20 G. Control flow with SO 1 2/18/57 Shi 2 Shi 8 acid Petrorner 10,000 G. 6 MISSISSIPPIM (Geol. Top) 5135 Shi 20 Lime, white, crystal lime, white, crystal lime, white, crystal lime TOTAL DEPTH FIRST PROD.—NAT. DATE HRS.—BBLS.	DATE TOP BOTTOM SHOT-ACID REMARKS 2/17/57 Shi2 5158 20 G. Controlflow with 50 2/18/57 Shi2 5158 ACID Petrofree 10 000 G. 1668 HISSISSIPPIAN (Geol. Top) 5175 Iline 1675 20 Line, white, crystal- 1676 1676 20 G. Controlflow with 50 2/18/57 Shi2 5158 ACID Petrofree 10 000 G. DRILLING: COMMENCED 1/21/57 COMPLETE 17500/ San DRILLING: COMMENCED 1/21/57 COMPLETE 10 000 G. DRILLING: COMMENCED 1/21/57 COMPLETE 17500/ San DRILLING: COMMENCE 1/21/57 COMPLETE 17500/ San DRILLING: COMPLETE 17500/ San DRILLI			t					SH	OT C	R AC	D RE	CORD		
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DRILLED IN WITH (Unit Drilling Company) Rotary FIRST PROD.—NAT. DATE HRS. WATER MCU. FT. GAS LBS. ROCK PI FIRST PROD. AFTER ALK—DATE 727 HRS. 15 (Swbg. BLS. 15 Placed Back: GAS/OIL RATIO — POTENTIAL DRY Hole GRAVITY — TEMP. — GRADE	DRILLED IN WITH (Unit Drilling Company) Rotery FIRST PROD.—NAT. DATE HRS. BBLS. WAYER HCU. FT. GAS LBS. ROCK FIRST PROD. AFTER ARE DATE HRS. LS. SWING BLS. 15 WATER HCU. FT. GAS LBS. ROCK GAS/OIL RATIO POTENTIAL DRY Hole GRAVITY TEMP.—GRADE 1707AL DEPTE-FB All measurements taken from top of otary bushing which 3° above derrick Company of the property of the pro		5475	7	Line	_	ELECTRICAL.	SURVEY.	Set		erge.		DATE.	<u> </u>	
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Flugged Backs 5572 23 Coment in 52 casing GAS/OIL RATIO POTENTIAL DRY Hole GRAVITY TEMP. GRADE (1) Lane-Wells (Games Ray-Houtron) 2/17/57. All resourcements taken from top of otary bushing which 3° above derrick	Placed Backs Sh72 23 Coment in Sin casing Gas/oil RATIO POTENTIAL Dry Hole GRAVITY TEMP. GRADE	477		1	TUTAL USTTH	ŀ	<u> </u>	WATER			M CU	, FT. GAS	<u></u>	<u>, </u>	LBS. ROCK I
Sh72 23 Coment in 5% casing GRAVITY TEMP. POTENTIAL DRY Hole GRAVITY TEMP. GRADE (1) Lane-Wells (Gamma Ray-Heutron) 2/17/57. All measurements taken from top of otary bushing which 3° above derrick	Sh72 23 Cement in 53° casing GRAVITY TEMP GRADE TOTAL DEPTH-FB (1) Lane-Wells (Gamma Ray-Newtron) 2/17/57. All measurements taken from top of otary bushing which 3° above derrick		34	۔۔۔ ما	<u>.</u> .		FIRST PROD.	. AFIER A	DAIL	-7-4	USTIR:	s	OHEN	₽ # 3LS	
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172 TOTAL DEPTE-PB (1) Lane-Wells (Gamma Ray-Heutron) 2/17/57. All measurements taken from top of otary bushing which 3° above derrick	All measurements taken from top of otary bushing which 3' above derrick loor.) (1) Lane-Wells (Gamma Ray-Heutron) 2/17/57.	Lec	CL99		Comment on Chit of										
All measurements taken from top of otary bushing which 3° above derrick	All measurements taken from top of otary bushing which 3° above derrick loor.)	477	7416		Admenta TT NE. 6		GRAVITY		IE, MI	r		GKAI	/t		
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otary bushing which 3º above derrick	otary bushing which 3° above derrick loor.	→+ →	• ່	-			,	~~						 /	~ • •
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DORE MEADURD. Core for Depth Hen. Description 1 5777-5111 55' 13' Shale dark gray, sandy at base — 1-1/2' Send, green, films grained, tight, felch witten and fluoriscence—1' Send, green, films grained, tight, felch witten and fluoriscence—1' Send, green, films grained, tight, to abou = 1' Sand, green, films grained, tight, to abou = 1' Sand, green, films grained, tight, to abou = 1' Sand, green, films grained, fair provedty and permeability, statity and permeability, statity and permeability, statity and permeability, tight locally, no visible stain, mo-blue fluoriscence = 1' Send, green, films grained, warry good permeatry and permeability, tight locally, no visible stain, mo-blue fluoriscence = 1' Sand, green, films for many films grained, tight, so shows 1-1/2' Shale, shack. 2 Sha7-5175 58' 2h' Shale, dark gray -1' Shale, shack, gray gray gray gray gray gray gray gray	FROM	 	TAL	FORMATION	FROM	то	TOTAL		FORMATION	
Core No. Depth Ber. Description 1 5377-5414 36' 13' Shale dark gray. 1-1/2' Sand, green, the grates that he are the sandy at bease. 1-1/2' Sand, green, the grates that, faint that are the sandy at bease. 1-1/2' Sand, green, the grates that and fluorescence, bleeding oil and gas - 1/2' Sand, green, the grained, fair proved and gas - 1/2' Sand, green, the grained, fair proved fair proved and gas - 1/2' Sand, green, the grained, fair proved fair proved and paramethity, sain, spotted fluorescence - 3' Sand, green, fine grained, fair proved and paramethity, sain, so-blee fluorescence - 1-1/2' Sand, green, fine grained, fluorescence - 1-1/2' Sand, green, fine grained, tight, so show -1-1/2' Shale, dark gray, tight, so show -1-1/2' Shale, dark gray, tight, so show -1-1/2' Shale, dark gray, 1' Sand, gray, titry, sarshy, no show -2' Shale, gray at the gray -1' Shale,		,			2000				. 4. 14.	
1 5377-5141 36' 13' Shale dark gray mandy at base - 1-1/2' Sand, green, fine grained, tight, feder retain end fluorescence - 1' Sand, green, fine grained, tight, feder retain end fluorescence - 1' Sand, green, fine grained, tight, include stain and fluorescence, bleeding old part gas - 1/2' Sand, green, fine grained, tight, and fluorescence, fair proved and personalitity, stain, supported fluorescence - 8' Sand, green, fine grained, fair proved and personalitity, tight bleeding, so visitle stain, so-bloe fluorescence - 8' Sand, green, fine grained, fair proved to gravity and personalitity, tight bleeding fluorescence - 1' Sand, green, fine grained, tight, so bleed fluorescence - 1' Sand, green, fine grained, tight, so bleed fluorescence, stain and fluorescence, regard, so bleeding oil and gas - 1' Sand, breen, fine, tight, bleeding oil and gas - 1' Sand, breen, fine, tight, bleeding oil and gas - 1' Sand, breen, fine, tight, so show - 2' Shale, gray, alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray, alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray, alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray, alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, so show - 2' Shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, shale, gray alidy - 7-1/2' Shilly dirty send, fine, tight, shale, shale, shall send to shale, shall shall send to shall shall shall send to shall sha						;			, No comi = 44 c	
D-1/2* Sand, green, the graines, tight, felch which she is a firm of the prime; tight, in felch which she is a firm of the prime; tight, no form stein and fluorescence, liesting tight, no firm stein and fluorescence, liesting tight, no shor a 10 Band, green, firm grained, tight, no shor a 10 Band, green, firm grained, far proved and permeability, tight locally, no wishle stain, no-blue fluorescence a 10 Sand, green, firm grained, far proved and permeability, tight locally, no wishle stain, no-blue fluorescence a 10 Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm grained, tight, no show a 1-1/2* Sand, green, firm gray, 10 Sand, green, stain, and fluorescence, were and vertical fresterer a 5* Sand, and fluorescence, were and vertical fresterer a 5* Sand, and fluorescence, were and vertical fresterer a 5* Sand, and fluorescence, were and vertical fresterer a 5* Sand, and fluorescence, were sent vertical fresterer a 5* Sand, and fluorescence, were sent vertical fresterer a 5* Sand, and fluorescence, were sent vertical fresterer a 5* Sand, and fluorescence, were sent vertical fresterer a 5* Sand, and fluorescence, were spotted bleeding oil and gas a 2* Liam, tight, were public, spec vertical fresterer a 10 food gas—suit met and 35*0* alightly gas—suiting, and sendal property, scattered stain and fluorescence, fairly uniform, bleeding oil and gas a 2* Liam, trystalline, spec vertical fresterer a 150*0 gas—suit met and 35*0* alightly gas—out sand vertical fresterer a 150*0 gas—suit met and 35*0* alightly gas—out sand vertical fresterer a 150*0 gas—suit met and 35*0* alightly gas—out sand vertical fresterer a 150*0 gas—suit met and 35*0* alightly gas—out sand sand gas—suit met a 150*0 gas—suit met and 35*0* alightly gas—out sand sand gas—suit met a 150*0 gas—suit met and 35*0* (alightly gas—out san							_			- ∥
stain shi fivorescence -1 Sand, green, fine grained, tight, no show -1 J Sand, green, tight, no show -1 J Sand, green, fine grained, fair porceity shi perseability, stain, spected flowrescence - 8 Sand, green, fine grained, fair porceity shi perseability, stain, spected flowrescence - 8 Sand, green, fine grained, fair perceity and perseability, stain, such see flowrescence -1 Sand, green, fine grained, fair perceity and perseability, stain see flowrescence -1 Sand, green, fine grained, fair perceity and perseability, stain see flowrescence -1 Sand, green, fine grained, tight, so show -1-1/2 Shale, black. 2 Shir-Shir Sa 2 Sh Shale, dark gray -2 Shaley sand, grained, stain and flowrescence, tight, blacking cli and gas -2 Sand, green, fine, tight, blacking cli and gas -3 Sand, sand, gray lifety, seatured stain gas -2 Shale, gary alliery seatured stain, and flowrescence was set vertical frestores -5 Sands dark gray, 1 Sand, gray, lifety, seatured stain, and flowrescence, fairly seatured stain, southered stain and Characcence, fairly suffers, southered stain and flowrescence, fairly suffers, supply stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and gas -2 Sand, seatured stain and flowrescence, fairly suffers, blacking cli and suffers seatured stain and flowrescence, fairly suffers, blacking cli and suffers seatured stain and flowrescence, fairly suffers, blacking cli and suffers seatured stain seatured stain seatured stain seatured stain seatured stain seatured stain		ı				-			sandy at b	450 -
cance, bleeding oil and gas - 1/2' Sand, green, the grained, fair porcealty and permeability, stain, spotted fluorescence - 8' Sand, green, fine grained, fair porcealty and permeability, stain, spotted fluorescence - 8' Sand, green, fine to median grained, fair porcealty and permeability, tight healty, so visible stain, me-blee fluorescence - 8' Sand, green, fine to median grained, tight, so others 1-1/2' Shale, black, fluorescence - 8' Sand, green, fine to median grained, tight, so shows 1-1/2' Shale, which is a sand fluorescence, tight, blacking the sand, grained, tight, so shows 1-1/2' Shaley sand, stain and fluorescence, tight, blacking the sand, fine, tight, blacking the sand, fine, tight, shaley betten 6' semilerary, 1' Sand, gray, litty, seathy, so show - 2' Shale, gray, altity - 7-1/2' Shaley sand, fine, tight, shaley betten 6' semilerary, and the sand fluorescence, fairly sand, fine, tight, was partial blackets and fluorescence, sand the sand fluorescence, sand the sand fluorescence, sand the sand fluorescence, fairly uniform, tight, vary apolity stain and fluorescence, fairly uniform, blacking the sand throughout test a face they of sand the sand throughout test. Becover the sand through the sand through the sand through the sand fluorescence, fairly uniform, blacking the sand fluorescence					otein a	ed fluor	escenc	- 3	L' Sand, gr	een, fina
fair porceasity and permeability, stain, apotted fluorescence - 8 Sand, gross, fine grained, fair porcetly and permeability, tight healty, so visible stain, no-blue fluorescence - 1/2 Sand, green, fine to medium grained, tight, no show the stain, no-blue fluorescence - 1/2/2 Sand, green, fine to medium grained, tight, no show 1-1/2 Sand, green, fine grained, tight, no show 1-1/2 Sand, green, tight, parties, green, green					cence,	pleeding	011 .	nd g	s - 1/2º S	and, green,
praised, fair perceitly and permendity, which healing, no visities statin, no-blee fluorespance - ht Sant; green, time to medius grained, very light statin, no-blee fluorespance - ht Sant; green, time to medius grained, very light statis, no-blee fluorespance - ht Sant; green, time to medius grained, very light statis, no-blee fluorespance - http:// brisher. provided fluorespance - http:// brisher. provided fluorespances. http:// black. plack. provided fluorespances. http:// black. provided fluorespances. http:// blacking. particle. provided fluorespances. provided fluorespancespances. provided fluorespancespan			1		fair po	rosity s	nd per	neab	lity, stai	n.
fluorescences - ht Samis, green, fine to medium grained, very good porcetty and persentile grained tity, friable, very light stain, no-bloe fluorescence, -1/2" Samis, green, fine grained, tight, no show -1-1/2" Shale, black. 2 Shi7-5175 56' 2h' Shale, green, fine grained, tight, how show -1-1/2" Shale, black. 2 Shi7-5175 56' 2h' Shale, green, tithe, blacking oil and gas - 3' Samis, hewan, fine, tight, blacking oil and gas - 3' Samis, and fluorescence, very many and green, tight, had gas, stain, and fluorescence, very list, grey, litty, sarly, no show - 2' Shale, grey, litty, sarly, betten 6' complementation, no shows. 6' Liney Delantite, marrenda, fine, tight, saing, betten 6' complementation, no shows. 6' Liney Delantite, marrenda, souttered stain and fluorescence, regulation, buff feesilifer was, no show -1' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' I Line, coarse, crystalline, buff feesilifer was, no show -2' Line, coarse, crystalline, buff feesilifer was, no show -2' Line, coarse, crystalline, buff feesilifer was, no show -2' Line, coarse, crystalline, buff feesilifer, crystalline, buff feesilifer was, no show -2' Line, coarse, crystalline, buff feesilifer was, no show -2' Line, coarse, crystalline, buff feesilifer was, crystalline, buff feesil					grained	, fair p	oresit	g and	i permeabil	ity
Lity, friable, very light state, so-blow floorescence 3-1/2' Sand, green, fine grained tight, so show 1-1/2' Shale, black, 2 Sh17-5175 58' 2b' Shele, dark gray -2' Shaley send, chain and fluorescences, tight, bleeding oil and gas -2' Shaley send, chain and fluorescences, tight, bleeding oil and gas -2' Shale, dark gray, it's the state gray -1' Shaley send, chain, and fluorescence, tight, bleeding oil and gas -2' Shale, gray, it's, searth, no show -3' Lise occares, crystalline, before seagle-servitie, seatcared state and floorescences, read, show -3' Lise occares, crystalline, seatcared state and floorescences, read, show -3' Lise occares, crystalline, stight, very spotted bleeding oil and gas -2' Lise, crystalline, stight, very spotted bleeding oil and gas -2' Lise, crystalline, fairly uniform, bleeding oil and gas, vertical fractures. Degrees Degrees Degrees Degrees Degrees Degrees Define the structure of the state of t					fluores	cence -	k San	d. g:	reen, fine	to med-
### Degrees De					lity, f	riable,	very 1	leht	staim, no-	plos
amd, quartatitic, no show - 12.7 Shalay sand, stain and fluorescence, tight, bleeding cil and gas - 3' Sand, brewn, fine, tight, bleeding cil and gas - 3' Sand, brewn, fine, tight, bleeding cil and gas, stain, and fluorescence wag amb vertical frestures - 5' shale, dark cray, 1' Sand, gray, alty, -7-1/2' Shily, dark cray, 1' Sand, gray, ilirty, earthy, no show - 2' Shale, gray, alty, -7-1/2' Shily, dark cray, 1' Sand, gray, tilty, earthy, no show - 2' Shale, dark cray, 1' Sand, gray, tilty, earthy, inches and fluorescence \$65-60, -2' Lime, coarse, crystalline, buff feedilfer san, no show - 3' Lise coarse, graytalline, tight, very spotty stain and fluorescence, very spitche bleeding cil and gas - 2' Lime, crystalline, some vegalar posority, scattered stain and fluorescence, farly uniform, bleeding cil and gas, vertical fractures. Dagrees Bepth Off Vertical 250 (3/2) 3350 2 1/2 320 (3/k) 3350 2 1/2 320 (3/k) 3350 2 1/2 3665 1 3665 3 1770 1/1 1266 2 3/k 1865 2 3/k 1862-51/2' sand coarsi mad and 3750' alightly gas—cut sall water - 17 1052, FFP 20029, 30 where 1 SHP 2058, Feel open 1 hear, water - 17 1052, FFP 20029, 30 where 1 SHP 2058, Feel open 1 hear, water - 17 1052, FFP 20029, 30 where 1 SHP 2058, P.B. a PERFORATED: 2/15/57 - 2/17/57 Bould account plane Shile Shile and Shi2-Shi5 with 10 observe Shi2-Shi6 and Shi2-Shi5 with 10 observe Shi2-Shi6 and Shi2-Shi5 with 10 observe Shi2-Shi6 with 30 bols. crude cil - Broke down formation at 25%, Freamy control-flow stread with 50 bols. crude cil - Broke down formation at 25%, Freamy control-flow stread with 50 bols. crude cil - Broke down formation at 25%, Freamy control-flow missed with 50 bols. crude cil - Broke down formation at 25%, Freamy control-flow control-flow missed with 50 bols. crude cil - Broke down formation at 25%, Freamy control-flow control-flow at 1 Broke dil - Broke down formation at 25%, Freamy control-flow at 1 Broke down formation at 25%, Freamy control-flow at 1 Broke down formation at 25%, Freamy control-flow at 1 Broke down formatio					grained	tight,	3-1/2*	San	i, green, f L-1/2' Shal	a, black.
amount of the course of the co									gray - 2'	Shaley
bleeding oil and gas, stain, and fluorescence vegs and vertical frestures - 5' Shale, dark cray, 1' Sand, gray, slity, earthy, no show - 2' Shale, gray, alty - 7-1/2' Shity dirty sand, fine, tight, shalay, betten 6' emegle-scritte, as shows. 6' Limp, betten 6' emegle-scritte, as shows. 6' Limp, coarse, crystalline, suff feedlifer san, no show - 3' Lime, coarse, crystalline, tight, very spotty stain and fluorescence, for sand fluorescence, sand the coarse of th					sand, s	tein and	fluor	98641	see, tight,	bleeding
reg. and vertical fresteres - 5' Shale, dark gray, 1' Sand, gray ality; -7-1/2' Silty dirty sand, fine, ticht, sheley, berefor consequential, as show. 6' Many Delamite, somewhate, coarse, crystalline, buff feedlifer san, no show - 3' Line coarse, crystalline, sing the regular posting state of angle-writine, somewhate,			-	•	bleedin	oil an	d gas,	stai	in, and flu	orescence
and, fine, tight, solitar, betten 6 emploments, merring, solitared stain and filestromes \$163-64, 2' lime, coarse, crystalline, beff feedlifers, sol, on show 3' lime coarse; srystalline, tight, very spotty stain and filestromescoe, very spotty stain and filestromescoe, very spotty stain and filestromescoe, very spotty stain and filestromescoence, faired united stain and filestromescoence, faired united stain and filestromescoence, faired stain and filestromescoence, faired stain and filestromescoence, faired united stain and filestromescoence, faired and filestromescoence, faired and filestromescoence, faired and filestromescoence, fa					gray, 1	Sand,	gray,	dirt	, earthy,	no show -
amount of the course of the country of the country of the course of the country o					sand, f	ine, tig	nt, si	aley,	, bottom 6º	accelo-
ARRILAR DEVIATIONS Degrees Bepth Off Vertical 170 1/2 3220 2 3/4 500 1/2 3350 2 1/2 2/13/57 1770 1/4 4260 2 3/4 1800 1/2 4555 2 Immediately and constituted the size of constant and converted blooding of the surface immediately and constituted and size of the surface immediately and constituted throughout test - Recovered to 150° gas-cut med and 3750° alightly gas-cut and and 3750° alightly gas-cut alightly gas-cut med and 3750° alightly gas-cut and and 3750° alight										
ARBITIONAL WELL DATA: ARBITIONAL WELL DATA: ARBITIONAL WELL DATA: Degrees Degrees Depth Off Vertical 1/2 3220 2 3/4 600 1/4 3350 1/70 1/4 4260 2 3/4 2400 1/2 1555 2 1 1 1 1 1 1 1 1 1					ous, no	epon -	3° 14.	e co	ursek eryst	alline,
ARBITIONAL WELL DATA: ARBITIONAL WELL DATA: Degrees De	-	.			AGLA Eb	tted bi	eedi ng	011	and gas -	2º Idmo,
ABBUILANDEAL WELL DATAS ABBUILAND DEVIATIONS Degrees Bepth Off Vertical Depth Off Vertical 2/10/57 Degrees Bepth Off Vertical Depth Off Schools, FFF Off Vertical Depth Off Schools, FFF Off Vertical Depth Off Vertical Depth Off Schools, FFF Off Vertical Depth Off Schools, FFF Off Vertical Depth Off Schools, FFF Off Vertical Depth Off Vertical Depth Off Schools, FFF Off Vertical Dept					stain a	ed fluor	e scenc	o, Si	drly unifo	TH,
ARGULAR DEVIATION: Degrees Bopth Off Vertical Depth Off Vertical Storage blow throughout test - Recovered 150° gas-cut med and 3750° alightly gas-cut mad and 3750° alightly gas-cut mad and 3750° alightly gas-cut med and 3750° alightly gas-cut me					.)					
Begrees Bepth Off Vertical Both Off Vertical 250 1/2 3220 2 3/4 3350 2 1/2 2/3/57 1000 1/4 3685 3 1770 1/4 4860 2 3/4 Evol open 1 hear, west bles air to surface leaded to minute all BMP 2058/. 2865 1 5150 1 3/4 Begrees Begrees Lely - Strong blow throughout test - Recovered and 3750' alightly gasout salt water - IFP along the surface leaded to th	ADDITI	DWAL WELL I	DATAS		2/30/57			5380	-5hills (Morr)
Bepth Off Vertical Depth Off Vertical cut salt water - IFF 1052#, FFF 2002#, 30 cut salt water - IFF 1052#, FFF 20	ANGULA	DEVIATION	<u>fs</u>							
250 250 260 274 27357 27	Bepth		_		ed 150°	gas-cut	mad a	ed 37	/50° alight	ly gas
2865 1 Siso 1 J/a Recovered 10' drilling med - IFF 566, FFF 386 20 mimete 81 BMP 3946 (MP 25246). P.B. & PERFORATED: 2/15/57 - 2/17/57 Set 5-1/2' cag. at 5493 with 275 ax. Poundx - Drilled coment plug 5451- 5472, new plugged back total depth - Displaced med in casing with 136 bbls. oil - Lane-Wells ran Gamma Ray-Heutron log, then perforated 5-1/2" casing in Morrow 5442-5446 and 5452-5458 with 40 shots, h shots/ft. CONTROLFLOW & ACID PETROFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Morrow through perforations 5442-5446 and 5452-5458 with 20 gals. control- flow mixed with 50 bbls. crude oil - Broke down formation at 2650%. Pressure					minute :	I BEP 2	058/		, , , , , , , , , , , , , , , , , , , ,	
2865 1 Siso 1 J/a Recovered 10' drilling med - IFF 566, FFF 386 20 mimete 81 BMP 3946 (MP 25246). P.B. & PERFORATED: 2/15/57 - 2/17/57 Set 5-1/2' cag. at \$493 with 275 ax. Poundx - Drilled coment plug \$451. 5472, new plugged back total depth - Displaced med in casing with 136 bbls. oil - Lane-Wells ran Gamma Ray-Heutron log, then perforated 5-1/2" casing in Morrow \$442-5446 and \$452-5458 with 40 shots, h shots/ft. CONTROLFLOW & ACID PETROFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Morrow through perforations \$442-5446 and \$452-5458 with 20 gals. control- flow mixed with 50 bbls. crude oil - Broke down formation at 2650%. Pressure	600 1000	X	335 368	60 2 1/2 5 3	2/13/57			5462-	-51 0 5 (21.00	•)
P.B. & PERFORATED: 2/15/57 - 2/17/57 Set 5-1/2° csg. at 5493 with 275 ax. Posmix - Drilled coment plus 5451- 5472, new plusged back total depth - Displaced und in casing with 136 bbls. oil - Lame-Wells ran Gamma Ray-Neutron log, then perforated 5-1/2° casing in Morrow 5442-5446 and 5452-5458 with 40 shots, 4 shots/ft. CONTROLFLOW & ACID PEROFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Horrow through perforations 5442-5446 and 5452-5458 with 20 gals. control- flow mixed with 50 bbls. crude oil - Broke down formation at 2650%. Pressure	21,00	1/2	455	5 2	ismedia Recover	tely and od 10° d	conti	med Em	throughout L - IFF 568	test -
Possix - Drilled coment plng Sigl- Sig72, new plugged back total depth - Displaced und in casing with 136 bble oil - Lane-Wells ran Gamma Ray-Heutro log, then perforated S-1/2" casing in Morrew Sig2-Sig6 and Sig2-Sig8 with ho shots, a shots/ft. CONTROLLIOW & ACID PERSOFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Horrow through perforations Sig2-Sig6 and Sig2-Sig6 with 20 gals. control- flow mixed with 50 bbls. crude oil - Broke down formation at 2650%. Pressure								`		57
Signatured the in casing with 136 bble oil - Leme-Wells ran Gamma Ray-Heutron log, then perforated 5-1/2" casing in Morrew Sid2-Sid6 and Sid2-Sid8 with the shorts, a shorts/ft. CONTROLLTION & ACID PETROFRAC: 2/17 & 18/57 Douell made controlflow treatment of Herrow through perforations Sid2-Sid6 and Sid2-Sid6 with 20 gals. control-flow mixed with 50 bbls. crude oil - Broke down formation at 2650%. Pressure										
Oil - Lans-Wells ran Gamma Ray-Neutro- log, then perforated 5-1/2" casing in Morrew 5442-5446 and 5452-5458 with 40 shots, 4 shots/ft. CONTROLFLOW & ACID PEROFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Horrow through perforations 5442-5446 and 5452-5458 with 20 gals. control- flow mixed with 50 bols. crude oil - Broke down formation at 2650%. Pressure						5472, 1	es plu	pegad	back total	depth -
Morrow Sili2-Sili6 and Si52-Sil58 with ho shots, h shots/ft. CONTROLFLOW & ACID PEROFRAC: 2/17 & 18/57 Dowell made controlflow treatment of Horrow through perforations Shi2-Sili6 and Sil52-Sil58 with 20 gals. control-flow mixed with 50 bols. crude oil -Broke down formation at 2650%. Pressure					,	011 - L	eno-ile	lle :	ran Gamma R	ay-Feutros
Dowell made controlflow treatment of Horrow through perforations Shit2-Shit6 and Shi52-Shi58 with 20 gals. control-flow mixed with 50 bols. crude oil - Broke down formation at 2650%. Pressure						Morrew	5442-5	446 1	<u>ma 5458-54</u>	
Horrow through perforations 5h42-5k46 and 5k52-5k58 with 20 gals. control-flow mixed with 50 bols. crude cil - Broke down formation at 2650%. Pressure					CONTROL	TLOW & A	CID PE	ROFE	AC: 2/17	& 18/57
and 5452-5458 with 20 gals. control- flow mixed with 50 bbls. crude oil - Broke down formation at 2650#. Pressure										
Broke down formation at 2650%. Pressure						and 545	2-5458 xe d vd	ulti th 50	20 gals. bols. cru	control- de cil -
						Broke d	own fo	rmati	on at 2650	F. Pressure

Form 248A and B Cont'd 1M 9-1-49 HARPER, J. C. "D" #2 15-025-10105-0000 Sheet #2.

Form 248A	and B Cont'd	1M 9-1-49	, HARPER, J. C. "D" #2	15.	- <i>02</i> 5	-1010	5-0000 Sheet /2.
FROM	то	TOTAL	FORMATION	PROM	το	TOTAL	FORMATION
1							
CONTRO	TETOM &	ACID PA	TROFRAC: (Continued)	,	'		
	broke t	ack to	2100# while displacing				
1	ra 9 pa	. the	to formation - Shut well Bowell made acid petro-		ll .		
	frac tr	patment	as follows: Broke down				
	in 10,0	00 gal	1200# pressure and pumped a said petro-frac mat- # send - Formation took				
l	erial a	nd 7500	# send - Formation took rate of 27 bbls. per	·			
	-inute	- Maria	ma pressure 2100% min.				
	formati	Displant on with	eed free material into	•			
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