SIDE ONE

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY Compt._

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed. Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential. Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells. Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. EXPIRATION DATE LICENSE # 5286 API NO. 15-163-21,937 - 00-00 Horizon Petroleum Corp. OPERATOR COUNTY Rooks ADDRESS 833 North Waco FIELD Plainuille Wichita, KS 67203 PROD. FORMATION Kansas City ** CONTACT PERSON J. Hoggatt/J. Pierce PHONE 316-267-8416 Koch Oil Company LEASE Bice PURCHASER WELL NO. Post Office Box 2256 ADDRESS WELL LOCATION NE NW NW Wichita, Kansas 67201 Duke Drilling Co., Inc. 330 Ft. from North Line and DRILLING CONTRACTOR 990 Ft. from West Line of P.O. Box 823 ADDRESS the NW (Qtr.) SEC 16 TWP 10 RGE 17 (W). Great Bend, KS 67530 (Office WELL PLAT PLUGGING Use Only) CONTRACTOR ADDRESS KCC 🗸 KGS SWD/REP TOTAL DEPTH 3670' PBTDPLG. SPUD DATE 1-23-83 DATE COMPLETED 1-29-83 ELEV: GR 2076 DF DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS. DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE Amount of surface pipe set and cemented 250 DV Tool Used? THIS AFFIDAVIT APPLIES TO: (Circle ONE) -(Oil) Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH. $\underline{A} \ \underline{F} \ \underline{F} \ \underline{I} \ \underline{D} \ \underline{A} \ \underline{V} \ \underline{I} \ \underline{T}$ Jerry D. Hoggatt ____, being of lawful age, hereby certifies that: I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true_and correct (Name SUBSCRIBED AND SWORN **T** this 29th day of July 19 83. MY COMMISSION EXPIRES: 6-16-85

** The person who can be reached by phone regarding any questions TECELVENING this 08-03-1983 AUG 03 1983

Wighlia, Konoés

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

DEPTH

md.

sack.

FORMATION DESCRIPTION, CONTENTS, ETC.

LEASE Bice

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval rested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

WELL NO.

SEC. 16 TWP, 10 RGE. 17

NAME

Check i	f no Drill	Stem Test	ts Run.							0.5440.00.00.00.00
Op 30; C1 IFP 72 IFP 72 IBHP 145 FBHP 165 Strong b1 Recovered DST #2 Op 30; C1 IFP 38	3544'-356 30; Op 30 psi psi psi	66' 0; Cl 30. sing to f show of	air blow	0 250 865 997 1348 1366 2141 2366 2683 2870 3056 3208 3368 3537 3557 3564 3574 3588 3670	25 86 99 134 136 214 236 268 287 305 320 336 353 355 356 357	55 17 86 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	Anhydri			
IBHP 1513 FBHP 1465	psi psi									
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Purpose of string	Size hole drilled	Size casing set			Туре се		Sacks	.,,,,	odditives	inang garan
Surface	12¼"	8-5/8"		250	60/40	pozmi	x 150	2% g 5/10%	el 3% c	c. 5 and
Production	7-7/8"	4글"	10½#	3669	RFC	allegyphololik med til fil offankenn skapage	150		D - 108	
	and the state of t						Name and a supplicate of the supplication of t	ionių ministra dininintai ir ligadinas aunikaks:	nia fallinia (California) (Cali	inionzeja
Name and the control of the control									UNITED DESCRIPTION AND ACCOUNTS	duzalirbana
	LINER RECOF	RD				PERFOR	ATION REC	ORD		
Top, ft.	Bottom, ft.	Sacks co	: ·	Shots	per ft.	Si	xe & type	Dep	oth interval	Autor
And the second s	TUBING RECO	RD		(p	er attac	hed)				terminant south
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5-4-83 Estimated	Oil	pumpi				-		NAME AND ADDRESS OF THE OWNER, WHEN PERSON O	:d)	
Production -I.	P. 47.59		1	ne	Water MCF	%	bbis.	Gas-oil ratio N/A	CFF	'B
Disposition of gas (vented N/A	, used on lease or s	old)			Perf (pe	oration	ons ached)			o-vinenting (SSS)
				COM THE PARTY CHARLES AND ADDRESS OF THE PARTY CHARLES	1		MARKATINIS SERVICES SERVICES			dances

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SIDE ONE

Two (2) copies of this form shall be filed with mission, 200 Colorado Derby Building, Wichita, Kansa days after the completion of a well, regardless of heattach separate letter of request if the inform If confidential, only file one copy. Information on record and Side Two will then be held confidential. Applications must be made on dual completion, conjection and temporarily abandoned wells. Attach one copy only wireline logs (i.e. electroneutron log, etc.). (Rules 82-2-105 & 82-2-125) KC	s 67202, within thirty (30) ow the well was completed. ation is to be held confidential. Side One will be of public commingling, salt water disposal, ical log, sonic log, gamma ray
LICENSE # 5286 EXPIRATION DATE	6/84
OPERATOR Horizon Petroleum Corp.	API NO. 15-163-21,937-00-60
ADDRESS 833 North Waco	COUNTY Rooks
Wichita, KS 67203	FIELD
** CONTACT PERSON J. Hoggatt/J. Pierce PHONE 316-267-8416	**
PURCHASER Koch Oil Company	LEASE Bice
ADDRESS Post Office Box 2256	WELL NO. 3
Wichita, Kansas 67201	WELL LOCATION NE NW NW
Dules Duillian Co. Too	330 Ft. from North Line and
CONTRACTOR	990 Ft. from West Line of
Great Bend, KS 67530	the NW (Qtr.) SEC 16 TWP 10 RGE 17 (W)
	•
PLUGGING CONTRACTOR	WELL PLAT (Office Use Only)
ADDRESS	KCC
	KGS
TOTAL DEPTH 3670' PBTD	SWD/REP_
SPUD DATE 1-23-83 DATE COMPLETED 1-29-83	PLG
ELEV: GR 2076 DF KB 2081	
DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.	
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE	
Amount of surface pipe set and cemented 250	DV Tool Used?
THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil) Gas, Injection, Temporarily Abandoned, OWWO. Other	Shut-in Gas, Dry, Disposal,
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATION AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.	ONS PROMUCTED TO RECULATE THE OIL
Jerry D. Hoggatt , be	AUG 10 1994 08-10-1994 ing of The Franciscon DIVISION WICHIER Kepereby certifies
I am the Affiant, and I am familiar with the co The statements and allegations contained therein are	ntents of the foregoing Affidavit
	(Name)
SUBSCRIBED AND SWORN TO BEFORE MR this 29th 19 83. NOTATE PLACE NOTATE OF KANSAS	
*v 40pt. Exp. 6 16.65	
	(NOTARY PUBLIC)

** The person who can be reached by phone regarding any questions concerning this information.

(f)

MY COMMISSION EXPIRES: 6-16-15

SEC. 16 TWP. 10 RGE. 17

	LL IN WELL					L NO.	3	CAL MADE	VERS LOCK BU	ı Ma
Show all important zones of porosity and contents thereof; cored interv cluding depth interval rested, cushion used, time tool open, flowing and				ervals, and all id shut-in press	drill-stem test ures, and reco	s, in- veries.	SHOW GEOLOGICAL MARKERS, LO OR OTHER DESCRIPTIVE INFOR		INFORMATIO	N.
	ON DESCRIPTION,			ТОР	ВОТ	TOM	NAME		DEPTH	73.540/FB000
Check if Surface soil Shale Sand Shale Shale Shale Lime & shale Lime & shale Shale Shale Shale	f no Drill of shale;			0 250 865 997 1348 1366 2141 2366 2683 2870 3056 3208 3368	25 86 99 134 136 214 236 268 287 305 320	55 17 86 1 66 1 66 3 0 6 8 8	Anhydrit	e		
Core #1 Core #2 Core #3 Lime T.D.				3537 3557 3564 3574 3588 3670	353 355 356 357 358 367	5 41 ₂ 4 3	Conglome	rate		
IFP 72 FFP 72 IBHP 145 FBHP 165 Strong b1 Recovered DST #2 Op 30; C1	psi ów decreas 230' mud, 3373'-338 60; Op 30 psi psi psi psi	sing to f show of 37'); Cl 60	air blow oil in	tbol.			l 45' gas	sey, o	il spott	ed m
Report of all string	ıs set — surface,	intermediate,	production, et	c. CASING	RECORD	(New)	or KW&&	жx		444
Purpose of string	Size hole drilled	Sixe casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cer	ment	Sacks		and percent	pennedo
Surface	121;"	8-5/8"	20#	-250	60/40	pozmix	150	2% 86	el 3% cc	MANAGE
Production	7-7/8"	4 <u>1</u> 11	101#	3669	RFC		150	5/10%	of D-65 D-108 p	and
										minutes
	LINER RECOR	<u> </u>			<u>L</u>	PERFORA	TION RECOI	RD .	-	HE PROGRA
Top, ft.	lottom, ft.	Socks ce	ment	Shots	per ft.	Six	e & type	Dapt	th interval	Pintose
	TUBING RECO	ORD		(p	er attac	hed)				
2-3/8''	Locker set at				(per decaersa)			*		-
	A	CID, FRACTI	يدريها مصبها يستجمه بالبداج الأالد	CEMENT SQ	UEEZE RECO	RD	:	<u> </u>	HET MENT IS AN ARTHUR THE PARTY ON THE TABLE OF THE PARTY	Name of the same o
	Amou	nt and kind of i	material used			•	d Dei	pth interval	treated	1930
(per at	tached)			PRESENTENCE OF THE PROPERTY OF	in de total a pop haborer autor e de se angere est			The state of the s		
				artera ji rejerishi karak dayari shipara e e e e e e e e e e e e e e e e e e		***********			Percentage de la companya de la comp	
Date of first production		Producing	method (flow	ing, pumping, o	as lift, etc.)	il Militaria de la Anglada				Mile
5-4-83 Estimated	Öll	pumpi			Water	Α.		bserve	<u>d)</u>	
Production -I. Disposition of gas (vented, N/A	P. 47.59	bbi	i	ne i	мсг	%	bbis.	V/A	СГРВ	
N/A	A PART IN COLUMN 1				Perf (pe	orațio r atta	ns ched)	,		

(Office

SWD/REP

KCC KGS

PLG.

Use Only)

CONTRACTOR

	•			
IDE ONE	•	•	Rock 26	Compt.

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** CONTACT PERSON J. Hoggatt/J. Pierce PROD. FORMATION Kansas City PHONE 316-267-8416

Koch Oil Company PURCHASER _____LEASE_____Bice Post Office Box 2256 ADDRESS WELL NO. Wichita, Kansas 67201 WELL LOCATION NE NW NW

Duke Drilling Co., Inc. DRILLING 330 Ft. from North CONTRACTOR P.O. Box 823 _Line of ADDRESS 990 Ft. from West

the NW (Qtr.) SEC 16 TWP 10 RGE 17 (W). Great Bend, KS 67530 PLUGGING WELL PLAT

ADDRESS TOTAL DEPTH 3670' PBTD SPUD DATE 1-23-83 DATE COMPLETED 1-29-83

ELEV: GR 2076 DF ____ KB 2081 DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS. DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

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ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

AFFIDAVIT

Jerry D. Hoggatt , being of lawful age, hereby certifies

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

SUBSCRIBED AND SWORN JANET L PIERCE MI this _

29th day of July

19 83.

MY COMMISSION EXPIRES: 6-16-85

** The person who can be reached by phone regarding any questions concerning this

OPERATOR Horizon Petroleum LEASE Bice SEC. 16 TWP. 10 RGE. 17

ACO-1 WELL HISTORY

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			open, nowing	and shut-in pres	ures, and reco	ts, in- veries,	OR OTHER DE	
	ION DESCRIPTION	, CONTENTS, ET	rc.	ТОР		том	HAME	DEPTH
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Shale Shale & lime Shale & lime Core #1 Core #2 Core #3 Lime T.D.			3056 3208 3368 3537 3557 3564 3574 3588 3670	326 336 356 356 357 358 367	58 57 55 54 ¹ 2 4	Conglome	rate	
Op 30; C1 IFP 72 FFP 72 IBHP 145 FBHP 165 Strong b1 Recovered DST #2 Op 30; C1 IFP 38	3544'-356 30; Op 30 psi psi psi ow decrease 230' mud 3373'-338 60; Op 30 psi psi	S; C1 30. Sing to f Slow of	air blo	v on 2nd tool.	opening.			
IBHP 1513 FBHP 1465	psi							
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Weak blow If additional	on 1st or space is h		production, e	tc. CASING		(New)	or (W&&)	
Weak blow If additional Report of all string Purpose of string	on 1st or space is f	intermediate,	production, e	tc. CASING	RECORD	(New)	or KW&&A	Type and percent additives
Weak blow If additional Report of all string Purpose of string Urface	on 1st or space is f	Size casing set (in O.D.)	production, e	etc. CASING	RECORD Type cer	(New)	or KW&&A	Type and percent additives 2% gel 3% cc. 5/10% of D-65 ar
Weak blow If additional Report of all string Purpose of string urface	on 1st or space is f	intermediate, Sixe casing set (in 0.D.) 8-5/8" 41/2"	production, e Weight lbs/ft	etc. CASING Setting depth	RECORD Type cee	(New)	or KM&&& Sacks 150 150	Type end percent additives 2% gel 3% cc. 5/10% of D-65 ar 1 qt. D-108 per
Weak blow If additional Report of all string Purpose of string urface roduction	on 1st or space is find the sp	intermediate, Sixe casing set (in 0.D.) 8-5/8" 41/2"	production, e Weight Ibs/ft 20# 10½#	Setting depth 250 3669	RECORD Type cee	(New)	or (01.88.4) Sacks 150	Type and percent additives 2% gel 3% cc. 5/10% of D-65 ar 1 qt. D-108 per
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Weak blow If additional Report of all string Purpose of string Urface roduction p, ft. Report of all string purpose of string urface roduction	on 1st or space is fine space. Size hole drilled 12½" 7-7/8" LINER RECORDING RECORDING RECORDING Amount tached)	Sixe casing set (in O.D.) 8-5/8" 4111 RD Socks casing set (in O.D.) Pocker is not and kind of Producing Pumpi	weight lbs/ft 20# 10½# 10½# rment ret at me URE, SHOT, material used g method (flow	Setting depth 250 3669 Shots (p.	RECORD Type cer 60/40 RFC Per ft.	(New) pozmix PERFORA Siz	Sacks 150 150 TION RECOR Gravity 36.5 (ob	Type and percent additives 2% gel 3% cc. 5/10% of D-65 and l qt. D-108 per Depth interval

15-163-21937-00-00

PERFORATION AND TREATMENT RECORD

Depth Interval	Shots	Size and Type	Treatment
3502 - 3505 3484 - 3486 3462 - 3465 3442 - 3448 3418 3423 3427	1 hole 1 hole 2 holes 1 hole 1 hole	. 38 SSB2	500 gals. MSR 100 and 2750 gal. 15% jell retarded acid w/ 2 balls in middle 1000 gal. MSR 100 and 2500 gal. jelled acid
3357 - 3362 3379 - 3375 3382	1 hole 2 holes 2 holes 1 hole		1000 gal. 28% NCL acid and 2000 gal. SGA acid w/ 3 balls
3335 - 3337 3312 - 3316 3254 - 3257 (Toronto)	2 holes 2 holes 2 holes		1000 gal. 10% mud acid; 2000 gal 15% retarded acid. Additional 2000 gal. 15% retarded acid used only in 3254-3257

DRILLERS' WELL LOG

DATE COMMENCED: DATE COMPLETED: January 23, 1983 January 29, 1983

Horizon Petroleum Corp.

15-163-21937-00-00

BICE #3 NE NW NW

Sec. 16, TlOS, R17W Rooks County, Ks.

ELEVATION: 2081 K.B.

0 - 1348! Surface Soil, Shale, Lime Streaks

1348 - 1387' 1387 - 3016' 3016 - 3237' Anhydrite

Lime & Shale Lime

3237 - 3241' Shal 3241 - 3250' Lime 3250 - 3499' Lime 3499 - 3527' Shal 3527 - 3644' Shal 3644 - 3670' Dolo 3670' RTD Shale

Lime & Shale

Lime

Shale & Lime

Shale, Lime, Chert, Sand

Dolomite

FORMATION DATA

Anhydrite	1348
Topeka	3016'
Heebner	3237 '
Toronto	3250 '
Lansing	3276'
Base K.C.	3499 '
Conglomerate	3527 '
Arbuckle	3644 '
RTD	3670 '

Surface Pipe: Set new 8-5/8", 20# @250' w/150 sacks 60/40 pozmix, 2% gel 3% cc.

Production Pipe: Set new $4\frac{1}{2}$ ", $10\frac{1}{2}$ # @3669' w/150 sacks RFC w/ 5/10% of D-65 and 1 qt. of D-108 per sack.

AFFIDAVIT

STATE OF KANSAS COUNTY OF BARTON) ss

Bill Draney of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Subscribed and sworn to before me this 2 day of February 1983.

My Comm. Expires:

4-29-86

Doeathy 111 Nague

Bill Drawy