STATE CORPORATION COMMISSION OF KANSAS

OIL & GAS CONSERVAT	ION DIVISION
WELL COMPLETION	FORM
ACO-1 WELL HIS	TORY
DESCRIPTION OF WELL	AND LEASE
- 30680	

Operator: License # 30689	23
Name: Marathon Oil Company	49
Address 1501 Stampede	Footages
city/state/Zip Cody, WY 82414-4721	Lease Na
Purchaser:Koch	Field Na
Operator Contact Person: R.P. Meabon	Producir
Phone (307) 587-4961	Elevation
Contractor: Name: GIBSON WELL SERVICE	Total De
•	Amount o
License:None	Multiple
Wellsite Geologist: None	If yes,
Designate Type of Completion New Well Re-Entry X Workover	If Alter
X Oil SWD SIOW Temp. Abd.	feet dep
Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)	Drilling (Data mu
If Workover:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Operator: Marathon Oil Company	Chloride
Well Name: <u>Bergquist 4-32</u>	Dewateri
Comp. Date $7/15/93$ Old Total Depth $5300$	Location
Deepening X Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No.	Operator
Commingled Docket No Dual Completion Docket No Other (SWD or Inj?) Docket No	Lease Nam
4/14/97 9/29/87 4/22/97 Starting Date Date Reached TD Completion Date of Workswan	County _
of Workover of Workover	

API NO. 15- 199-20114 -006 Z
county Wallace
- NW - NW - NE Sec. 32 Twp. 15S Rge. 42 X w 2310 Feet from (S) N (circle one) Line of Section
4956 2310 Feet from CVW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner: NE, SP, NW or SW (circle one)
Lease Name Bergguist Well # 4-23
Field Name Stockholm
Producing Formation Morrow
Elevation: Ground 3878' KB 3883'
Total Depth
Amount of Surface Pipe Set and Cemented at S87 Feet
Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from
feet depth to <u>Surface</u> w/ <u>500</u> sx cmt.
Drilling Fluid Management Plan REWORK 97 2-16-98 (Data must be collected from the Reserve Fit)
Chloride contentppm Fluid volumebbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name
Lease NameLicense No
Quarter Sec Twp S RngE/W
County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements harein are complete and correct to the best of my knowledge.

Signature RPM Role	
Title Regulatory Coordinator pate 1/7/	18
Subscribed and sworn to before me this 7th day of Malful	<del>(</del>
Notary Public (Minul A O Conna	
Date Commission Expires $9-6 2000$	

K.C.C. OFFICE USE ONLY  F Letter of Confidentiality Attached C Wireline Log Received C Geologist Report Received  STATE TATE TATE TO THE PROPERTY OF THE PROPE					
KCC KGS	SWD/Rep Plug 1999	Other			

Form ACO-1 (7-91)

01-12-98

			SIDE TWO		* s. <sub>y</sub>		
Operator NameM	arathon Oil	Company	Lease Name	Bergqui	st	Well # .	4-32
•	[	East	County				
sec. 32 Tup. 15	<u>S</u> Rge. <u>42</u> [	X west					•
	me tool open ar es.bottom hole t	and base of formati nd closed, flowing a temperature, fluid re upy of log.	and shut-in bres	sures. Wheth	ier shut-iii bie	2201£ 1590	med profit teleti
Drill Stem Tests Tak (Attach Additions	ken al Sheets.)	☐ Yes 🏻 No	Log	Formation	n (Top), Depth	and Datums	
Samples Sent to Geol		Yes No	Stone Co Heebner	rral	тор 2750 4114		1133' 231'
Cores Taken			Atoka		4893		-1010'
Electric Log Run (Submit Copy.)		Yes No	Morrow S		5026 5125	' '	1143'
	_		Morrow S	and vieve		1	-1242' -1313'
List All E.Logs Run:	•		Je. dene	VICVC,	. 3130		1010
	÷	•					\$
	Report al	CASING RECORD	New U	sed ntermediate,	production, et	c.	
Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Pulpose of Sciring	Drilled	Set (In 0.D.)	Lbs./ft.	Depth	Cement	Used	Additives -
Surface	12-1/4"	8-5/8"	24.0#	387	60% Poz	250	3% CC
Production	7-7/8"	5-1/2"	15.5#	5280	50% Poz	125	5% Salt
rroduction	1-770	J-1/2	10.0"	<u> </u>			
	ADDITIONAL CE	EMENTING/SQUEEZE REC	ORD .			1	
Purpose:	Depth Top Bottom	Type of Cement #Sacks Used		Type and Percent Additives			
Perforate Protect Casing	,	,					
Plug Back TD Plug Off Zone		·					
				L			
Shots Per Foot		RECORD - Bridge Plu e of Each Interval F		Acid, (Amount an	Fracture, Shot, d Kind of Mater	Cement So ial Used)	peeze Record Depth
4 SPF	5125'-5146	6' <b>-</b> 90	Total	· NA	· .		
						•	·
			T L 2		,		
TUBING RECORD	\$ize	Set At	Tubing Anch Packer At 50321	Dr Liner Run	☐ Yes ☐	No	<u> </u>
	2-7/8"	5133'	5032'		- 140		
Date of First, Resu	med Production,	SWD or Inj. Produ	icing Method F	lowing NPu	mping Gas L	ift 🗆 ot	her (Explain)

Disposition of Gas: NETHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.)

NA Other (Specify)

Mcf

Water

0

Bbls.

Gravity

Gas-Oil Ratio

4/22/97

oil

51

Bbls.

Gas

0

Estimated Production

Per 24 Hours

## ORIGINAL 15-199-20114-00-02 Marathon Oil Company

### 17.056   17.056		<u>`</u>				······································		
D   SOUR BURS   BASIN CODE	TIKUS				1 Proceedings of the approximation			San
PFILD   S24LORES   Busin Code	- 50							
Shale   County   Wallace   Spud   W72287	(Ca.)				11 1			
County   Walling   Spot   1972   1973   1973   1974   1975   19	100							
District   Firsts Diff   970087   Permit No.   Completion	[							
Permit No.   Comparison   9,104	150					wallace		
ID Measured   3500								9/30/87
	200					21MM		
Field   Slockflom   Location	314						Aoangon	
Merrical   Societies   Merrical   Societies   Merrical   Societies   Societi	250 -				11			
Merridation   St. 1   10   Latitude   U   Tyriship   15 South   10   Latitude   U   Tyriship   U   Latitude   U   Tyriship   U   Tyriship   U   Tyriship   U   Tyriship   U   U   Tyriship   U   U   U   U   U   U   U   U   U					1			
Training   15 South   10 Constitute   10 Con	300				2 - 5 10 45 50 40 4	and the second s		
Range 4.2 West 109 NS Distance Section 45SU Sec. 231 B000ms Latriuse U NR Soc. 25 B000ms Latriuse U NR Soc. 25 B000ms Latriuse U NR Soc. 25 B000ms Latriuse U Blin NS Distance Casing String Surface RN GG 3283.0 R 100 Fleed RN GG 3283.0 R 100 Fleed RN GG 3283.0 R 100 Fleed RN GG 3280 R 100 Fleed RN GG 100 Fl	8 7 8							
Compared	350							, 0
FSL Sec. 32   Solton Latitude   U						42 West		
Counter   NW POLES Sec. 31   Bitter Statistics   U	400				Section	4930 FEL, 2310	Top Ew Distance	
					Quarter	NW NE Sec. 12	Hoffom Latitude	ļ
Blim NS Distance   Blim NS Distance   Blim NS Distance   Blim NF Dis	450				Quarter	INW INE Sec.32		
Repair   Surface   Surfa	******							<u> </u>
Repair   Surface   Surfa	500 -							ļ
RB   3883 OF   Cas Fing   Cas F						Move		1
Grid   339787   10.0   Head	550 _						AUUIIS TCooklee	1989A
NS-Cref   Surface   Casing String - Surface   Hem							Cas ring	<del> </del> -
Casing String - Surface   Ref   Re	600 -						ו שט הצמט	ļ
Item   Birs   Jills   U   VI   Grd   That   (in)   (RiKB)   373 (1)   9   8 3752   24 300   1   1   1   1   1   1   1   1   1							Da Curtan	<del>                                     </del>
Item	A. 1. N. 19							. 0.01, 21 , 92 , 11 , 17 , 9
18   18   18   18   18   18   18   18	Propagation and the second							
\$ 378 in Casing					(in)			
Tem	[5] [2]				8 5/8 in Casing			00
Company   Comp					1 may 1 mg 1 m			
(In)   String   Strong   Str	S 1 1 1				Item .		Ints ID V	Vt Grd Thd
Casing String	800 -				(in)	(ftKB)		
Casing String	\$4.55 P				5 1/2 in Casing	5280.0	173 4 61/64 15.	50   LSR2
Casing String	850 -					Casing	Cement	
Surface	in the state of th				Casing String		mount Comment	S
Surface   0.0   250     Production   4590.0   125   1st stage.     Production   0.0   500   port collar at 2616     Date   Note     Welver   Production   125   1st stage.     Production   0.0   500   port collar at 2616     Date   Note     Welver   Port collar at 2616   Surface csg. cemented wt 250 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol surface. Production string cemented wt 125 sxs. first stage and 500 sxs. second stage, entrol	908 -						(cx)	97
Production	Company to							**************************************
Production	950 -							
Date   Note	75.3							at 2616'
Date Note   9/6/94   Port collar at 2616. Surface ass, cemented wt 250 xxs, cmt. to surface   Production string cemented wt 250 xxs, cmt. to surface   Production string cemented wt 125 xxs. first stage and 500 xxs. second   Stage, cmt. to surface. Production string cemented wt 125 xxs. first stage and 500 xxs. second   Stage, cmt. to surface. Peris 5133-38 acidized wt 250 gals. 7 1/226 MSR-150 and peris 5123-28 wt 250 gals. 7 1/226 MSR-150 along   10/87. Repert d 7/93 and 2/94.	<b></b>							
							410103 //	Awar Street
Stage, cmt. to surface. Peris \$133-38 acidized wi 250 gals. 7 172% MSR-150 during \$125-28 wi 250 gals. 7 172% MSR-150 during \$1087. Reperf d 7/93 and 2/94.	4050					collar at 7616' Surface	cca, comented w/ 750	eve emt to curtace
Stage, cmt. to surface. Peris \$133-38 acidized wi 250 gals. 7 172% MSR-150 during \$125-28 wi 250 gals. 7 172% MSR-150 during \$1087. Reperf d 7/93 and 2/94.	4100 _			Vashaar	Proc	luction string comented a	ul 125 eve firet etage	and 500 eve second
MSR-150 and perfs \$125-28 w 250 gals. 7 1/2% MSR-150 during 10/87. Reperf'd 793 and 29/4.	4460			uccosci =	stage	e cmt to surface Perfs	5133'-38' acidized w/	250 gais 7 1/2%
10/87. Reperfd 7/93 and 2/94.	4130 -				MSI	R-150 and perfs 5125'-28	'w/ 250 gals 7 1/2%	MSR-150 during
#1597   Reperid as below. The 2 1/8" tbg. was set as before, at 5133".  #250   Perforations	4200							
Date	4250							re, at 5133'.
Date					1			
10/13/87   5125.0 - 5128.0   4.0   JSPF	4300 -							
10/13/87   5125.0 - 5128.0   4.0   ISPF	4350							
## ## ## ## ## ## ## ## ## ## ## ## ##					10/13/87	51750-51780		
### ### ### ### ### ### #### ### ### #	4400 -							<del> </del>
4500 - 4715/97 5125.0 - 5146.0 4.0 JSPF 4500 - 4600	4450 -							
10/10/87   5133.0 - 5138.0   4.0   ISPF			338 1 1					
### Formation/Horizon Tops    Top Formation (ftKB)	4300		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1			
Top Formation	4550 -						lorizon Tons	a grafijanje in terretari
(ft KB)   2750.0   Stone Corral   4114.0   Heebner   4893.0   Atoka   5026.0   Morrow Shale   5125.0   Morrow Sand   5196.0   St. Genevieve   STATE (00200 ATTOM) CHARGOS (DN St. Genevieve   5150 -	4600				11			
2750.0   Stone Corral 4114.0   Heebner 4893.0   Atoka 5026.0   Morrow Shale 5125.0   Morrow Sand 5196.0   St. Genevieve   Atoka  STATE (IDENCE ATTOK) CHOMES GON  Morrow Shale  Morrow Shale  St. Genevieve  St. Genevieve  Plug Back								grigoria. TikiP
4893.0 Atoka 5026.0 Morrow Shale 5125.0 Morrow Sand 5196.0 St. Genevieve  STATE COMPANIES COMPAN	4650							
4893.0 Atoka 5026.0 Morrow Shale 5125.0 Morrow Sand 5196.0 St. Genevieve  STATE COMPANIES COMPAN	4700				11			
SUBSTRICT   SUBS								
STATE CONTROL   St. Genevieve   STATE CONTROL   STATE CONTRO	4750							
STATE CONTRACTION   St. Genevieve	4800							
4900								
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STATE COSICE ATTEN COMBRERGION  5000 - 5000 - 5000 - 5000 - 5150 - 5150 - 5250 - Plug Back  STATE COSICE ATTEN COMBRERGION  Morrow Shale -  St. Genevieve -  St. Genevieve -	4900 -			Atoka –	+		- <b> </b>	)
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5150 - St. Genevieve - St. Gen	5100							
5280 – St. Genevieve – St. Gen				Morrow Sand -	1	(	and the second	16/021
5250 - Plug Back	5150 -							** 2.1
5250 - Plug Back	5290			St. Genevieve _	-		,	
	**	Phia Rack				•		
5360 -	5259	a rue water	<b>10.</b> 41					
	5300							
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