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API NO. 15- 189-219320000

Stevens

#### STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE	
Operator: License #5208	442 Feet from S/N (circle one) Line of Section
Name:Mobil Oil Corporation	2537 Feet from EW (circle one) Line of Section
AddressP.O. Box 2173	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
2319 North Kansas Avenue	
City/State/ZipLiberal, KS 67905-2173	Lease Name _Wayland #1 Unit Well #4
Purchaser:Spot Market	Field NameHugoton
Operator Contact Person:Sharon Cook	Producing FormationChase
Phone (_316_)626-1142	Elevation: Ground3027 KB3036
Contractor: Name:Murfin Drilling Co., Inc	Total Depth2983PBTD2953
License:30606	Amount of Surface Pipe Set and Cemented at630 Fee
Wellsite Geologist:L. J. Reimer	Multiple Stage Cementing Collar Used? YesX N
	If yes, show depth set NA Fee
Designate Type of Completion _X New Well Re-Entry Workover	If Alternate II completion, cement circulated fromNA
Oil SWD SIOW Temp. Abd.  X Gas ENHR SIGW FIGURE COAMMISSION  If Workover:	feet depth toNA w/NA sx cmt
Dry Other (Core, Assuration of Core, Core, Other	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
If Workover:	
Operator:	Chloride content18,500ppm Fluid volume200bbl:
Well Name:CONSERVATION 93	Dewatering method usedWaste Minimization Mud System
Operator:  Well Name:  CONSERVATION DIVISION  Comp. Date  Old Total apenth On	Location of fluid disposal if hauled offsite:
Deepening Re-perf. Conv. to Inj/SWD	
Plug Back PBTD PBTD Commingled Docket No.	Operator NameMobil Oil Corporation
Dual Completion Docket No	Lease NameFoster #1 SWDWLicense No5208
Other (SWD or Inj?) Docket No.	SWQuarter Sec5 Twp34S Rng36E/W
	CountyStevens Docket NoD-19,820
Specifical in Compression Date	DOCKET NOD-19,020
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of <u>all</u> wireline logs and geologist well recommendations.	be filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS lls. Submit CP-111 form with all temporarily abandoned wells.
	<del></del>
with and the statements herein are complete and correct to the	ted to regulate the oil and gas industry have been fully complience best of my knowledge.
( / A a = 1 A A	
Signature Sharon a. Cook Sharo	on A. Cook_ K.C.C. OFFICE USE ONLY
TitleRegulatory Assistant Date1-	9-96

NOTARY PUBLIC - State of Kansas KATHLEEN R. POULTON
My Appt. Exp. 19-19-98

Subscribed and sworn to before me this \_9th\_\_ day of

Date Commission Expires \_\_\_\_August 18, 1998

19 96\_\_\_.

6-29.kcc

Notary Public

Form ACO-1 (7-91)

Distribution

SWD/Rep

Plug

NGPA

Other (Specify)

KCC

KGS

				SIDE T	10				*. &.
perator NameMob	il Oil Corporat	ion		Lease	Name .	Wayland #	#1 Unit	Well #	4
ec23 Twp33S		East West		Count	у	Stevens			
NSTRUCTIONS: Show nterval tested, time ydrostatic pressures f more space is nee	me tool open a , bottom hole te	nd closed, mperature, 1	flowing an	d shut-ir	n press	ures, wheth	er shut-in pr	essure read	hed static level
rill Stem Tests Tak (Attach Additiona		☐ <sub>Yes</sub> [	No No	[X]	Log	Formation	n (Top), Depth	and Datums	☐ Sample
amples Sent to Geol	ogical Survey	☐ Yes [	× N°	Nam	e		Тор		Datum
ores Taken		☐ Yes [	No (*	Glo	rietta		120	4	1355
lectric Log Run		Yes [		Sto	ne Cor	ral	169	4	1750
(Submit Copy.)		,		Che	se		261	4	<b>296</b> 2
ist All E.Logs Run:				Cou	ncil G	rove	296	2	
igh Resolution Dual Gamma Ray/Calip -Densilog Compensat aliper Log Gamma Ra	er ed Neutron Spec	-							
	Report al		G RECORD	New or, surfa	Uso	ed termediate,	production, e	tc.	
Purpose of String	Size Hole Drilled	Size Ca Set (In	-	Weight Lbs./F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	12.250	8.625		24#		630	Class C	200	50:50 C/poz
•						-	——Class C—	150-	——50:50 C/poz—
Production Casing	7.875	5.50	0	14#		2977	Class C	370	3% D79
	ADDITIONAL C	EMENTING/SQL	JEEZE RECOR	D			——-Class C—	<del></del> 150	└───2% B28───
Purpose:	Depth Top Bottom	Type of C	ement	#Sacks U	sed	1	ype and Perce	nt Additive	s
Protect Casing Plug Back TD Plug Off Zone									<del>.</del>
Shots Per Foot	PERFORATION Specify Footag	RECORD - B e of Each I			e		racture, Shot I Kind of Mate		ueeze Record Depth
1 SPF	2614-24					Acid:	750 gals 7.59	6 HCL	
	2681-96					Fracd:	950 bbls 20# (	Crosslink g	et  <u> </u>
	2733-43						142,204 lbs	12/20 Brady	Sand
	2800-15								
TUBING RECORD	Size	Set At		Packer A	t	Liner Run	☐ Yes [X-	No No	
Date of First, Resur 11-17-9		SWD or Inj	. Produci	ing Method	d X FLO	owing Deum	nping 🗆 Gas t	.ift Otl	ner (Explain)
Estimated Production Per 24 Hours	n Oil	Bbls.	Gas 267	Mcf	Water	Bbls.		Ratio	Gravity
isposition of Gas:		COMPLETION		ΓX¬		_	duction Interv		
□ <sub>Vented</sub> □ Sold		ease	Open Ho	ole 🗀 i	Perf.	□ Dually	Comp. U Com	ningled _	2614
(If vented, sub	י אייווא זוווע		Other (						

### CEMENTING SERVICE REPORT

Schlumberger
Dowell
OWELL SCHLUMBERGER INCORPORATED

TREATME	NT NUMBER	6	DATE 10-19-95
GE	DS	DISTRICT	03-77

DS-496-A PRII	NTED IN U.S	i.A.			OWEL	L SCHL	UMBERG	ER INCORPOR	ATED	GE	DS	DISTR		03-	77
WELL NAME AND			l	OCATIO	N (LEGAL)		717	RIG NAME:				(73767)	7, 3		
WAYIA.	VD #	1-4		SEC	23-33	5-36	W	WELL DATA:	UKT.	IN #124	BOTTON	4		TOP	
FIELD-POOL			F	ORMATI	ON			BIT SIZE/	V (	CSG/Liner Size	856			101	]
HU907					RFACE			TOTAL DEPTH	35 1	WEIGHT	24				1 4 3 6
COUNTY/PARISH				STATE		A	PI. NO.	☐ ROT ☐ CABI	LE F	OOTAGE	629				
STEVE	5.V5			A.	>			MUD TYPE	(	GRADE	15550				
NAME MOBIL OIL CORP.							☐ BHST ☐ BHCT		THREAD	BRD					
NAME	0016	- 01		2KT.				MUD DENSITY	L	ESS FOOTAGE HOE JOINT(S)	40				TOTAL
AND				0	DIO	A I A	1	MUD VISC.		Disp. Capacity	37.5				
ADDRESS				U	KIU	INF	\L		tage From (	Ground Level To Hea	nd In Disp. C				
ADDITIOO								DEPTH	16A	FFIE PL	478 I	TYPE DEPTH			
SPECIAL INSTRU	CTIONS		-		ZIP CODE			DEI III	-	5 59					
					3 5/2		REACE	DEPTH		37 NOS	12	DEPTH TYPE			
CASING 150 = 60	W.76		5 th 5 C		TO THE OWNER OF THE	NO	\	Head & Plugs	□ TBG	□ D.F	2.		QUEEZE JOE	3	
150 SKS	CUSTO		(2 /42,	77	MS D	REC	123	☐ Double	SIZE		1	YPE			
		27						☐ Single	□ WEIG	HT	1001	DEPTH			
								☐ Swage	☐ GRAD	E	TAIL P	PIPE: SIZE	DE	PTH	
IS CASING/TUBIN	IG SECURE	D? YE	S 🗆 N					☐ Knockoff	☐ THRE	AD	TUBIN	G VOLUME			Bbls
LIFT PRESSURE	22	2	PS	C	ASING WEIGH (3.1	T + SURF 14 × R <sup>2</sup> )	ACE AREA	TOP PR DW	□ NEW	USED	CASIN	G VOL. BELO	W TOOL		Bbls
PRESSURE LIMIT	50	DOOVE	C PSI	BUMP	PLUG TO	770	PS	BOT OR OW	DEPTH		TOTAL			/	Bbls
ROTATE		RPM REC	IPROCATE		FT No. o	of Centraliz	ers			1	ANNU	AL VOLUME			Bbls
TIME	PRES	SSURE	VOLU	ME	JOB SCHED		r re:/0-19.	ARRIVE ON L		ATE: 10-19-	100	T LOCATION E: 232	DATE	12-	19-95
	TBG OR D.P.	CASING			INJECT RATE	FLUID	FLUID	75 207			ICE LOG		DATE	70	7.73
0001 to 2400	OR D.P.	- CALONICA	INCREMENT	CUM	RATE	TYPE	DENSITY	PRE-JOB SAFETY	MEETIN		ICE LOG	DETAIL			
2115								PHE-JOB SAFETY	MEETIN	G	AND THE				
2140	22	20		-		1/20	834	PRESSU	185	7857	L. N	13			
2142		10	05	-	5.4	1423	8.34	STAR	7 /7	20 SF	PCS	R			
2147	Apple 1	110	67	25	5.4	CmT	12.3	START		AU 51	VIIY				
2200 -	-	120	34	92	5.4	Cmi	14.6	START	TA	16 510	1111				
2207	-	MARK MARKAGES	protestance.	R6	-			SHUTDE	wal	/ DRC	OT	00 01	va		
2209	-	8	38		5.4	150	8.34	START	015	PLACEM			0		
2216	-	203		30	5.4	1/20	834	PSICH	rck						
2219		190	-	36	2.0	160	3.3V	PSI Ch	-, E						
2220	-	720		33	-		-	57 0 P F	'un	1010	- 1	own			
2221		3/0	-0000	EN/E	3			Rholl	3.50	1 < 11	1	w m	Anil	11	
2822		<b>ESTATE</b>	CORPOR	Percent W Sans	OMMISSIO	_	-	Rhad F		1000	X	2 2		1 50	
		COIAIL	CORFOR	HIION	Digital SSIO			DHE L	N2 S	7 670	,,,,	3.0			
			JAN 1	1 1 1	96			10 at 10 at					1000		
	- 8							Mary Wash							
		CO	NSERVAT	IDN DIV	ISION										
			Wichita	1	The same of the sa							N. A.			
REMARKS										Arria Arri					
SYSTEM	I NO OF	T VIELD											SLUE	RRY MIXE	ED.
SYSTEM	NO. OF SACKS	YIELD CU. FT/S	K			C	OMPOSITIO	N OF CEMENTING	SYSTEMS				BBLS		DENSITY
1.	200	1.59	50/	50 0	07/640	20 De	20+39	51+5%04	14(Bu	10W1+ 1	4#15	* DZ9	67.3		12.8
2.	150	1.22	50/	50	DO7/07	+ 2.	5% 5	1 + 1/4 t	4/5K	029					
3.				Valor											
4. 5.															
6.											4 13		2	A ST	
BREAKDOWN FL	IIID TYPE				VOLUME				MOITY	Tepesoupe		14AV 2	11.	AIN):	
☐ HESITATION S			☐ RUNN	ING SO	VOLUME	NIOST			ES   NO	PRESSURE  Cement Circul	ated To C	urf. 🗆 YES	2027	MIN:	A Dhir
BREAKDOWN		FINAL	LI HONN	PSI	DISPLACEME		-	UTI	Bbl	TYPE		- 200			Bbls.
Washed Thru Pe			0	FT.	MEASURED		MENT D	П	WIRELINE	I OF HO		STORAGE INJECTION	□ BRINE	CAT	
PERFORATIONS	/				CUSTOMER	To See 2.13					JPERVISO	R			To a Sale State
то		T			X			1		30		,			
TO		T	0		ILLOAN	12	17 ,20	11		1 to 1.	C YES	NAC.	0-1		

DS-496-A PRIM							Schlumb			TREATM	ENT NUM	BER) 7 / 4	DATE	1-45
	NTED IN U.S.	A.			DOWELI	L SCHL		R INCORPOR	RATED	GE	DS	DISTE	RICT X	
WELL NAME AND	O NO.		ı lı	OCATION	N (LEGAL)			RIG NAME: //	1	5 #2	(1	7 )	3/ /33	Section 1
WAYLA	H CIA	1-4	. <	PC.	23-33	35-3	64	WELL DATA:	1118	F111 /	BOTTON	1	то	P
FIELD-POOL			F	ORMATIC	NC			BIT SIZE	9	CSG/Liner Size	15/2			
Hu	10/01	1						TOTAL DEPTH	23	WEIGHT	114			
COUNTY/PARISH	l		S	TATE	/	AF	PI. NO.	₽ ROT □ CABI	LE	FOOTAGE	2990	)		
574	LAM			1	5.			MUD TYPE		GRADE	1000	-		
-1/	n/	.1/	1./	1			ALC: US	□ BHST □ BHCT	5,300	THREAD	801		5 mile 16 mile	
NAME //	1106	110	11/1	01	20.		New York	MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	201			TOTAL
AND				19				MUD VISC.		Disp. Capacity	177			
AND	A STREET							NOTE: Include Foo	otage From	Ground Level To He	ad In Disp. C	apacity		
ADDRESS									Cent	Floatk	1	TYPE		
					ZIP CODE			DEPTH DEPTH	3101	2962	F-17-E	DEPTH		
SPECIAL INSTRU	ICTIONS							ш ТҮРЕ	-m	H. NOCE		Stage		
			- (	70	ICIA	1 1		DEPTH TYPE	100	2977		DEPTH		
				JK	11011	IAL		Head & Plugs	∏ □ TBG	G □ D.	P		SQUEEZE JOB	
				, , ,				□ Double	SIZE			YPE	SUCCESSION OF THE SECOND	
								Single	□ WEI	IGHT	1001	EPTH		
								□ Swage	□ GRA			IPE: SIZE	DEPTH	
IS CASING/TUBIN	NG SECURED	? <u>+</u> YE	S 🗆 NO	0				☐ Knockoff	□ THE			G VOLUME		Bt
LIFT PRESSURE		1756	DOL	-	ASING WEIGH	T ÷ SURF	ACE AREA	TOP BR DW		W D USED	2.00	G VOL. BELC	DW TOOL	Bb
PRESSURE LIMIT	ī	1.136		BUMP F		4 × R <sup>2</sup> )	/// PSI		DEPTH		TOTAL			Bt
ROTATE		RPM RECI	PROCATE	DOIM!	FT No. of	f Centraliza		957-55			100.1	AL VOLUME		Bt
	T	THE WILLIAM	THOUST I		JOB SCHED			ARRIVE ON L	OCATIO	NI.		T LOCATION	A STATE OF S	
TIME	PRES	SURE	VOLU PUMPE	ME D BBL	TIME			TIME 10		DATE:) -22	75 TIMI	10 2	DATEO.	22-19
0004 4- 0400	TBG OR D.P.	CASING	INCREMENT		INJECT RATE	FLUID	FLUID DENSITY	3		SER	VICE LOG	1000		The state of the s
0001 to 2400	OR D.P.	2077	INCREMENT	СИМ	RATE	TYPE	DENSITY	PPE IOD CAFETY	/ MEETI					
UKA	10	100	00					PRE-JOB SAFETY	Y MEETII	NG - 1/3/	Me	5+		
0/29	2 10 10	0	XS		5.	H70	-	START	HO	DAMPA	00			
0734		270	181		5.	rmt	11.5	START.	11	and can	7.			
0753		200		1/3	5.7	CMI	11.5	SHAP	1	001 16	pik			
0805		200	37		5.7	rut.	148	STAPT	-	trila	24			
0810		300		27	57	1000		201	-60	2/		1		
08/2						TREE		1 /10	,	1 1 -1 -		1. 6	ton to	1/.
OVA		6	775		C X	1.5	4 7	549700	41	1	1401	14PEW	very Top	1109
2010		100	12	00	2.8	HIO		STARY	115/	OLARDMA	NY			
08/1		100	0	XU	5.0	H20		(M+ 1)	051	UPTAGE	P			
0821		430		40	5.1	1		P51	ch	OIK				
0823		650		50	5.1			17	1	1				
0825		800		60	5.7	2/15		11		1				
082%		1,50		65	2			104.00	PA	to				
0829		780		7/	7			Det -	ho	1				
0029		1240		77	2			6	1		Vr	1.1.		1.
0824		1/10		12				DUMP T	300	yy che	(K)	001	lot hold	149
0034		15110	0, 0			100	4	sump 70	PP	1179 A31	0)11	FIORT	NOT ho	TOTING
								Shutin	CN	It. MAX	iFo/	d		
REMARKS			6	IPPU	1 ps1 0	+		PHO!	26			14		
SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/S	ĸ			С	OMPOSITION	OF CEMENTING	SYSTEM	MS			SLURRY	MIXED
1.	370	27.	Sich	556	+ 20%	170	7 + 7	0/2011	+ -	4/100	9		18/2	1//5
2.					3 / 0			101040		100	1			11.
3.	150	13-	1 0/1	ccc	+ 20/	1328	+ 70/	a coule +	.60	5060 ×	27	24/2	26.5	10
4.	1,50	1.)	11/	27.	2 /0	100	- / /	and the state of t	. 0 /	01000 10.	/0/	140	30.	/ 7
5.	201						7 1 2 3					A SECOND		
6.	- 4	+	11/28			- Car				V	3-			
BREAKDOWN FLI	LIID TYPE		1 Y Su		VOLUME				-NOTY	PRECUER		MAN	1	1-1
DHEARDOWN FL				INC 90	VOLUME	NICOT			ENSITY	PRESSURE	date d T	MAX.	MIN:	051.
- HEGITATION O	ou.		RUNN	PSI	CIRCULATION			7.0	ES DI	ble TVDE		uri. YES	O I NO	52 Bb
☐ HESITATION S	DO			PSI	DISPLACEME	INI VOL.			BI	bls TYPE DO				
BREAKDOWN		FINAL					MENT -	12		OF HO	AS □	STORAGE	☐ BRINE WA	TER
BREAKDOWN Washed Thru Per				FT.	MEASURED I	DISPLACE			WIRELIN	OF WELL G	AS 🗆	INJECTION	□ BRINE WA □ WILDCAT	TER
BREAKDOWN						DISPLACE		- 12		OF WELL G	AS D	INJECTION	☐ BRINE WA	TER

## STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

WELL COMPLETION FORM	CountyStevens
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E SWSWNE_ Sec23 Twp33S_ Rge36WX_W
Operator: License # 5208	2764_FSL Feet from S/N (circle one) Line of Section
Name:Mobil Oil Corporation	2634_FEL Feet from E/W (circle one) Line of Section
AddressP.O. Box 2173	  Footages Calculated from Nearest Outside Section Corner:
2319 North Kansas Avenue	NE, SE, NW or SW (circle one)
City/State/ZipLiberal, KS 67905-2173	Lease Name _CP-Wayland Well #1
Purchaser:NA	Field NameHugoton
Operator Contact Person:Rae Kelly	Producing FormationNA
Phone (316)_626-1160	Elevation: Ground3032 KB
Contractor: Name:Midwest Well & Pump	Total Depth127 PBTDNA
License:0532	Amount of Surface Pipe Set and Cemented atNone Feet
Wellsite Geologist:	Multiple Stage Cementing Collar Used? _NA YesNA No
esignate Type of Completion	If yes, show depth setNAFeet
New Well Re-Entry Workover	If Alternate II completion, cement circulated fromNA
OilSWDSIOWTemp. AbdSIGW	feet depth toNA sx cmt.
Dry _X_ Other (Core, WSW, Expl., <u>Cathodic</u> , etc)	Drilling Fluid Management Plan alt 3 5-27-94 (Data must be collected from the Reserve Pit) NA B
f Workover:	
Operator:	Chloride contentppm Fluid volumebbls
Well Name:	Dewatering method used
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD Plug Back PBTD Commingled Docket No.	Operator Name
Dual Completion Docket No	Lease NameLicense No
Other (SWD or Inj?) Docket No.	Quarter Sec Twp S RngE/W
	County Docket No
	be filed with the Kansas Corporation Commission, 200 Colorado f the spud date, recompletion, workover or conversion of a well.
Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the	side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS
all requirements of the statutes, rules and regulations promulation with and the statements herein are complete and correct to the statements herein are complete and correct to the statements herein are complete and correct to the statement of	gated to regulate the oil and gas industry have been fully complied ne best of my knowledge.
SignatureR. K	,
itle _ER Technician Date <u>3</u>	
Subscribed and sworn to before me this 11 th day of Man	C Geologist Report Received
1994.  Hotary Public Marox a. Cooksha	
Date Commission ExpiresOctober 1, 1994	(Specify)
sh/	ARON A. COOK
SEE ATTACHED FOR DETAILS BEW94121.RK	TARY PUBLIC Form ACO-1 (7-91)  n. Exp. 40-1-94
111) 001111	J /

SIDE TWO Lease Name \_CP-Wayland\_\_\_\_\_ Well # \_\_1\_\_\_ Operator Name Mobil Oil Corporation County \_\_\_ Stevens Sec. \_\_23\_ Twp. \_33S\_ Rge. \_36W\_ INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log. ☐ Yes ☐ No Sample Formation (Top), Depth and Datums Drill Stem Tests Taken (Attach Additional Sheets.) Datum Top ☐ Yes ☐ No Samples Sent to Geological Survey See Attached Driller's Log ☐ Yes ☐ No Cores Taken □ Yes □ No Electric Log Run (Submit Copy.) List All E.Logs Run: Electric Resistance Log - Attached CASING RECORD ☐ New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc. Type and Percent Purpose of String Size Hole Size Casing Weight Setting Type of # Sacks Drilled Set (In 0.D.) Additives Lbs./Ft. Depth Cement Used ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose: Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives Perforate Protect Casing (1) First plug - Bentonite set at 60' - 2' plug. Plug Back TD (2) Second plug - Bentonite set at 13' - 10' plug. (See attached Cathodic Protection Borehole sketch). Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth PERFORATION RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated Depth First anode set at 115', second anode at 105', third anode at 95', fourth anode at 85', fifth anode at 75', sixth anode at 65'. TUBING RECORD Size Liner Run Set At Packer At ☐ Yes ☐ No 1" PVC vent from TD to 3' above surface. Producing Method Flowing Pumping Gas Lift Other (Explain) Date of First, Resumed Production, SWD or Inj. Installed 10-20-93 Estimated Production Gas-Oil Ratio Bbls. Bbls. Gravity Per 24 Hours NA Disposition of Gas: METHOD OF COMPLETION Production Interval

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify)

OPERATOR: MOBIL OIL CORPORATION FIELD: HUGOTON LEASE: \WAYLAND WELL NO. / AUP Ser. No. 93/690 RECTIFIER DATA: Model FINAL CHECK: Volts 3.20 Amps 3.86 Date 10-20-93 **Polarity** C-1, F-3 Setting: NE 23 - 33-36 STEVENS, CQ GROUNDBED 24 N E 94'W OF WELL HEAD 2764 FSL + 2634 FEL I'IPVL VENTE 6 NO. 8 IN 11/2"PVC K 12 1 GROUNDBED NO. BHMWPE (-) NO. 12 THHNC-D RECTIFIER. BOND, E J-BOX \* 5.5′ Ł 5 PVC GAS

POTENT	IALS AT INSU	JLATING	FLANGE	GROUNDBED DATA					
Rectifier	Off		On	No. & Type of Anodes & EA, -3"X 66"UCAR					
Well Head	-0,610	610 -0.639		Horizontal Vertical 7 7/8 X /27					
Flow Line	-0:58	88 -	0, 9ZZ	Backfill	Kfill ASBURY 21BR				
Other				Resistanc	lance				
			INTERF	ERENCE D	ATA				
Line No. and	d Description	Off Po	otential On	IR Drop Mv.					
1					O.Z40 AMP DRAIN FROM FLOW LINE				
2									
3				V 1. 7					
	ADDIT	IONAL D	ATA	1	CORROSION SPECIALISTS, LTD.				
FINAL A	NODE DR	AIN	AMPS	CORROSION ENGINEERS, SUPPLIERS, ERECTORS DENVER — FARMINGTON					
#1 = 0.8 #4 = 0.5	30 # 5	= 0.64 = 0.26		WELL CASING CATHODIC PROTECTION INSTALLATION DATA					
					DR. BY RTILEB	PRO. NO. 394-3	DRG. NO.		
					SCALE NONE	DATE 10-22-93	394-3 - Z		

### **WELL TYPE GROUNDBED DATA**

Data Sheet No. 23

ORIGINAL

COMPANY	MOB	IL OIL	CORPO	RATION	JOB No. 394	-3 DATE:	10-19-9	3
ELL:	WAYL.	AND	/	PIPELINE				
				_coSTEVENS			45	
ELEV	A CONTRACTOR OF THE PROPERTY O	ft. ROTAF	RY	ft. CABLE TOO	L	ft. <b>CA</b>	SING	f1
GROUNDB	ED: DEPTH _/	27_ft. DIA.	77/8 in. GAI	1400 lbs. ANODES	6EA	-3"X60"	ULAR	79

DEPTH.	DRILLER'S LOG		NAL ANOU			ORING AN		DEPTH TOP OF
FT.	DRIELLINGEOG	E	1	R	E	ı	R	ANODES
0	0-11 BROWN SANDY CLAY	12.1			12.1			
5	11-14 RED SANDY CLAY	'		1/ 1/1/				
10	14-21 GRAY SANDY CLAY							
15	ZI-3Z FINE SAND							
ZO	32-51 COARSE SAND & SMALL	57						
25	GRAVEL			The state of the s				
30	51-57 BROWN SANDY CLAY					0.6		
35	57-59 MED. SAND					. 4	li i	
40	59-127 BROWN CLAY	<u>-</u>				. 1		
45						,2		
50			P	le qualitation		.5		6
55			1 196	Turney Track	Ten.	, 3		
60						1.3		
65			3.3	MATE .		1.4		#6
70				170 1		1.9		1 1 1 1 1 1 1
75			4.7			1.8		#5
80						1.6		
85			5.1			2.0		#4
90						1.7		
95			5.2			2.0		#3
100						1.7		
105			5.4			2.0	100	#2
110					5.	2.2		
115			5.7			2.3	A <sub>3</sub>	#/
120						2.5		
125								
130								
135	El la company de		16	11				
140			h stat		5 4			
145	CMANAC SCATTLE SECTION OF THE SECTIO		112					
150								
1.50			1/2	45.40				The state of the s
	3' OF HOLE PLUG ON TOP OF		h_ (					
1	COKE & 10' OF HOLE PLUS							
	IN TOP OF HOLE		2					
	PIT OPEN 10-18-93							
123	PIT CLOSED 10-20-93		1					
		J <sup>31</sup> ] 1 ]						
						•	1	

GROUNDED RESISTANCE: (1) VOLTS + AMPS	ОНМЅ

Corrosion Specialists, Ltd.

(2) VIBROGROUND \_\_\_\_\_OHMS

# **Cathodic Protection Borehole**

CP - Wayland Well #1 Sec. 23-33S-36W Stevens County, Kansas

ORIGINAL

