API NO. 15- 189-21650-0000

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

WELL COMPLETION FORM ACO-1 WELL HISTORY	CountyStevens
DESCRIPTION OF WELL AND LEASE	
Operator: License #5208	1245 Feet from S/N (circle one) Line of Section
Name:Mobil Oil Corporation	1395 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) Lease Name CP-Ratcliff Well #4
City/State/ZipLiberal, KS 67905-2173	Field NameHugoton
Purchaser:	
Operator Contact Person:Sharon Cook	Producing FormationNA
Phone (316)_626-1142	Elevation: Ground3149 KBNA
Contractor: Name:CPS	Total Depth100 PBTDNA
License:31474	Amount of Surface Pipe Set and Cemented atNone Feet
Wellsite Geologist:	Multiple Stage Cementing Collar Used?NA YesNA No
Designate Type of Completion	If yes, show depth setNAFeet
New Well Re-Entry Workover	If Alternate II completion, cement circulated from NANA
OilSHDSIOWTemp. Abd. Gas ENHR SIGW	feet depth to NA NA sx cmt.
Dry X Other (Gore, WSW, Expl., Cathodic, etc)	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
If Workover:	(Data must be collected from the Reserve Pit) \mathcal{B} /2-/6-9
Operator:	Chloride contentNAppm Fluid volumeNAbbls
Well Name:	Dewatering method usedNA
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Oncorder Name NA
Plug Back PBTD	Operator Name NA
Other (SWD or Inj?) Docket No.	Lease NameNALicense No
7-18-94	NA Quarter SecNA TwpNAS RngNAE/W
Spud Date Date Reached TD Completion Date	CountyNA Docket NoNA
Derby Building, Wichita, Kansas 67202, within 120 days of 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 all wireline logs and geologist well MUST BE ATTACHED. Submit CP-4 form with all plugged we	be filed with the Kansas Corporation Commission, 200 Colorado f the 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.
with and the statements herein are complete and correct to the	gated to regulate the oil and gas industry have been fully complied he best of my knowledge.
	ron A. Cook_ K.C.C. OFFICE USE ONLY FLetter of Confidentiality Attached
Title _Regulatory Assistant Date	F Letter of Confidentiality Attached C Vireline Log Received C C Geologist Report Received
Subscribed and sworn to before me this 33 day of 000	Distribution
Notary Public South L. Custom right	KCC SMD/Rep NGPA KGS Plug Other
Date Commission Expires Alumbur 8, 1994	
	COMMISSION
B HOLD State OF RAISSOUNCE	STATE CORPORATION COMMISSION (Specify) RECEIVED (Specify)
My Appt Exp. 11-9-9 WICHITTON	CONORD CONORD (7-91)
My Appt Exp. 11-8-95 WICHITA, KANSAS	SION WICHITA, KANSAS
	SION WICHITA, KANSAS SION

SIDE TWO

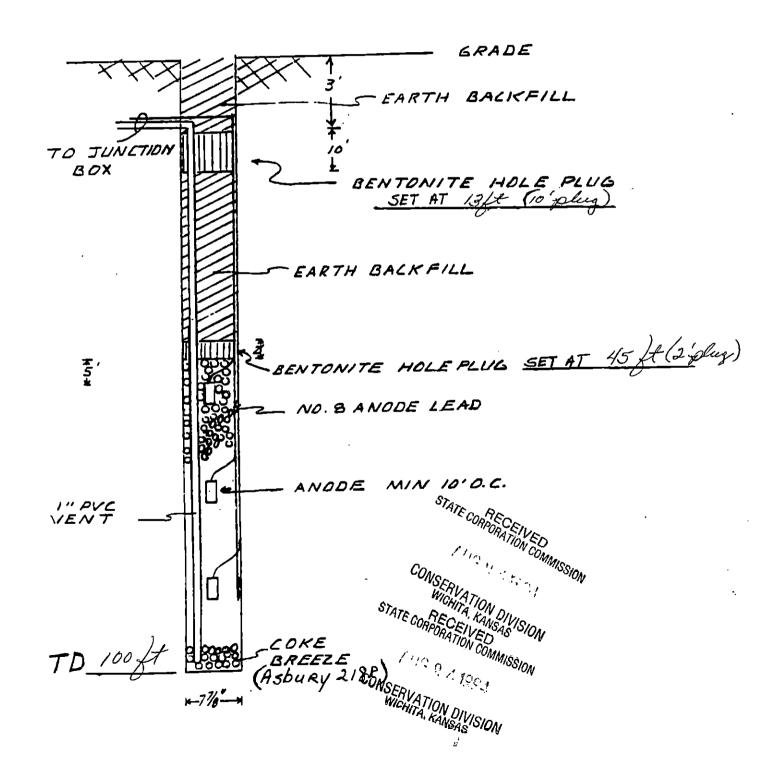
, 4 .

Operator NameMobil	Oil Corporat	:ion	Lease Name	_CP-Ratclif	f	Well # .	4
		☐ East	County	Stevens			
Sec26 Twp32_S	Rge38	_X		010101113_			•
INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need	e tool open a , bottom hole	and closed, flowing temperature, fluid re	and shut-in pres	sures, wheth	her shut-in pre	ssure reac	hed static level,
Drill Stem Tests Take (Attach Additional		Yes No	C_X rog	Formation	n (Top), Depth	and Datums	Sample
Samples Sent to Geolo	gical Survey	☐ Yes ☐ No	Name		Тор		Datum
Cores Taken		Yes No		SEE ATTA	CHED DRILLER'S	LOG	
Electric Log Run (Submit Copy.)		□ Yes □ No		SEE ATTA	UNED DRIEER'S	Lou	
List All E.Logs Run:							
Electric Resistance L	og - Attached	ı					
		CASING RECORD					<u> </u>
	Report a	ıll strings set-condu		sed htermediate,	production, et	c.	1
Purpose of String	ose of String Size Hole Size Drilled Set (Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
					 	-	
	ADDITIONAL (CEMENTING/SQUEEZE REC	CORD		<u>, </u>		
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percen	t Additive	s
Perforate Protect Casing	(1) First p	lug - Bentonite set	at 45' - 2' plus	j.			
Plug Back TD _X Plug Off Zone	(2) Second	plug - Bentonite set	at _13' - 10' p	ug.(See att	ached Cathodic	Protection	Borehole sketch).
Shots Per Foot		M RECORD - Bridge Plage of Each Interval			Fracture, Shot, d Kind of Mater		Depth
First anode set at	_80', second	anode at _65', third	anode at 55'.		<u> </u>		
	-		•	-			
TUBING RECORD 1" PVC vent from	Size TD to 3' abov	Set At e surface.	Packer At	Liner Run NA	🗆 Yes 🗀	No	
Date of First, Resum Installed 7-18-94	ed Production	, SWD or Inj. Prod	lucing Method F	lowing \square_{Pu}	mping Gas L	ift 🗆 ot	her (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Water	r Bbls. NA	Gas-Oil	Ratio	Gravity
Disposition of Gas:	METHOD C	OF COMPLETION	3		oduction Interv	-	
Vented Sold	Used on	Lease Open	Hole Perf.	Dually	Comp. Com	ningled _	
(If vented, sub	AULI MCU-10.)	☐ _{Othe}	r (Specify)			_	

Cathodic Protection Borehole

CP-Ratcliff #4
Sec. 26-32S-38W
Stevens County, Kansas

ORIGINAL



CATHODIC PROTECTION SERVICES COMPANY

•	LIB	ERAL, KANSAS	DATA SH	EET NO				,	
COMPANY	mobil	EXP		JOB NO.	801-00	370	DATE: 2/	18/94	
WELL: 🔏	Patcliff	44	PI	ELINE:					_
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	_	-	DEEP	GROUNDBED	LOGGING D	ATA	· · · · · · · · · · · · · · · · · · ·	RIGINA	\ <u>L</u>
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					DEEP	GROUNDBED	LOGGING I	DATA					
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GROUNDBED RESISTANCE:	(1)	VOLTS	* AMPS = OHMS
fit backfilled	(2)	VIBROGROUND	OHMS
2/18/94			

CATHODIC PROTECTION SERVICES CO. WELL TYPE GROUNDBED DATA

CUSTOMER: LOCATION:

DRILLING COMPANY: DRILLER:

HOLE DEPTH: DIAMETER:

CASING TYPE: SEAL TYPE:

STEEL PCV
CEMENT BENTONITE

DATE: 7-19-99

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STATE CORPORATION COMMISSION OF KANSAS	API NO. 15189-21865-0000
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	CountySTEVENS
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E APPROX CNW Sec26 Twp32 Rge38X_W
Operator: License #5208	3960 FSL Feet from S/N (circle one) Line of Section
Name:Mobil Oil Corporation	3860 FEL Feet from E/W (circle one) Line of Section
AddressP.O. Box 2173	Footages Calculated from Nearest Outside Section Corner: NE, (SF), NW or SW (circle one)
2319 North Kansas Avenue	Lease Name CPWRD Well #2
City/State/Zip _Liberal, KS 67905-2173	Field Name Hugoton
rul chase:	Producing Formation NA ANODE REPOSITORY
Operator Contact Person:Sharon Cook	Elevation: Ground 3166 KBNA
Phone (316)_626-1142	Total Depth100PBTDNA
Contractor: Name:Cathodic Protection Services	Amount of Surface Pipe Set and Cemented at None Feet
License:31474	Multiple Stage Cementing Collar Used?NAYesNANo
Wellsite Geologist:	
Designate Type of Completion	If yes, show depth setNAFeet
New Well Re-Entry Workover	If Alternate II completion, cement circulated fromNA
OilSWDSIDWTemp. Abd. GasENHRSIGW	feet depth toNA w/NA sx cmt.
DryX Other (Core, USU, Expl. , <u>Cathodic</u> , etc)	Drilling Fluid Management Plan ΛLT 3 JH 16-18-95 (Data must be collected from the Reserve Pit)
If Workover:	İ
Operator:	Chloride contentNAppm Fluid volumeNAbbls
Well Name:	Dewatering method usedNA
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Operator Name NA
Plug Back PBTD PBTD Commingled Docket No.	
Dual Completion Docket NoOther (SMD or Inj?) Docket No	Lease NameNALicense No
	NA Quarter SecNA TwpNAS RngNAE/W
	CountyNA Docket NoNA
Derby Building, Wichita, Kansas 67202, within 120 days of 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 all wireline logs and geologist well:	l be filed with the Kansas Corporation Commission, 200 Colorado f the spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of a 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.
All requirements of the statutes, rules and regulations promul with and the statements herein are complete and correct to the	gated to regulate the oil and gas industry have been fully complied ne best of my knowledge.
Signature Harri a. Cook shall	ron A. Cook_ K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached
Title _Regulatory Assistant Date 2	C Wireline Log Received
Subscribed and sworn to before me this 13th day of 1el	C Geologist Report Received
19 95.	Distribution)\s\x\cellc\cell^{\cell_i} \text{SWD/Rep} \text{NGPA}
Notery Public	Control KGS Plug Other (Specify)
Date Commission Expires _AUGUST 18, 1998	STAIR OF TOTAL
DEW95097.SAC	FEB 1 (7-91)
NOTARY PUBLIC - State of Kansas KATHLEEN R. POULTON My Appt. Exp. 08-18-90	COUNTY WICHITY XVIII

SIDE THO

the transfer of the

Operator NameMobil	Oil Corporat	ion		Lease	Name (CPWRD		Well # .	2
Sec26 Twp32	Rge38	East X West		County	y	_STEVENS			
INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need	e tool open a , bottom hole	nd closed, fl temperature, 1	owing a	nd shut-in	press	ures, wheth	er shut-in pre	ssure reac	hed static level,
Drill Stem Tests Take (Attach Additional	•	Yes C	(No	☐ <u>X</u>	Log	Formation	(Top), Depth	and Datums	Sample
Samples Sent to Geolo	gical Survey	☐ Yes ☐		Name	2		Тор		Datum
Cores Taken		☐ Yes ☐							
Electric Log Run (Submit Copy.)		Cyes C	No.			SEE ATTAC	CHED DRILLER'S I	-DG	
List All E.Logs Run:									
Electric Resistance L	.og - Attached	٠							
	Report a		RECORD	New			production, etc		
Purpose of String	Size Casi Set (In (Weight Lbs./f	1	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
				-	 †				
				_	1				
			-					_	
	ADDITIONAL C	EMENT ING/SQUE	EZE RECO	ORD					
Purpose:	Depth Top Bottom	Type of Cer	nent	#Sacks U	sed		ype and Percen	t Additive:	s
Protect Casing Plug Back TD	(1) First p	lug - Bentonii	te set a	t 13' - 3	plug.	·			
X Plug Off Zone	(2) Second	olug - Bentoni 1	ite set	at 30' - 2	28' p(ı	1g.		-	
Shots Per Foot	PERFORATION Specify Footage	N RECORD - Bri			e		racture, Shot, I Kind of Mater		ueeze Record Depth
First anode set at	65', second	anode at 55'	, third	anode at 4	5'.				
					1		· — _		
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TUBING RECORD 1" PVC vent from	Size TD to 3' above	Set At e surface.		Packer A	t	Liner Run NA	☐ Yes ☐	No	
Date of First, Resum Installed 1/16/95	ed Production	, SWD or Inj.	Produ	cing Metho NA	ا کا ا	owing Pur	mping Gas L	ift Ot	her (Explain)
Estimated Production Per 24 Hours	oil	Bbls. (Gas	Mcf NA	Water		Gas-Oil		Gravity
Disposition of Gas:	METHOD O	F COMPLETION					oduction Interv		
☐ Vented ☐ Sold (If vented, sub		Lease [¬ ˙	Hole [☐ Dually	Comp. Comm	ingled _	

Cathodic Protection Services Liberal, Kansas

DATA SHEET

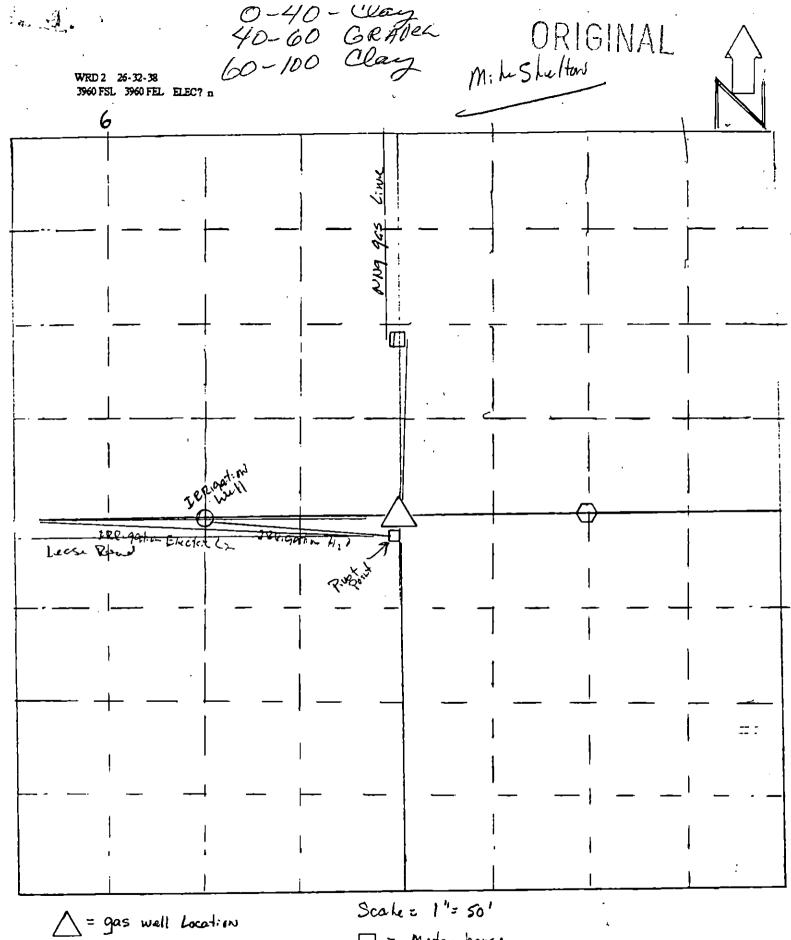
ORIGINAL

		_					
COMPANY	MOBIL	. <u>E + P</u>		JOB No	. 80100370	DATE: <u>1-16-95</u>	
WELL:	WRD	2		PIPELINE	:		
LOCATION:	SEC.	26	TWP. 32	RGE. <u>38</u> _	CO. STEVEN	STATE KS	
ANODE TYPE	1104 01	16	FT: ROTA	BY /00	FT: CASING		FT

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by:	ОНМ	ОНМ	NO	DEPTH		ОНМ	ОНМ	NO	DEPTH		
5			┼	5/ 15/	205			├			
HOLE PLUG 10			 	3'-/3'	210			}}			
EARTH FOLL 15			-	13'-28'	215	-		├ ─┤			
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HOLE PLUG 25				28-30'	225						
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PIT CLOSED 1-16-95 HOLE PLUGSET 1-16-95

GROUNDBED RESISTANCE: (1) VOLTS____ = AMPS___ = OHMS (2) VIBROGROUND ____ OHMS



O = cathodic deep well Location

= Meter house