TYPE

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

Compt.

וח קחדף	VΕ

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 head of the information of the confidential, only file one copy. Information on	ns 67202, within thirty (30) now the well was completed. nation is to be held confidential.
record and Side Two will then be held confidential.	
Applications must be made on dual completion, c injection and temporarily abandoned wells.	commingling, salt water disposal,
C Attach one copy only wireline logs (i.e. electroneutron log, etc.). (Rules 82-2-105 & 82-2-125) KG	cical log, sonic log, gamma ray
LICENSE # 5208 EXPIRATION DATE	 6 /20 /82
OPERATORMobil Oil Corporation	• •
·	COUNTYStevens
** CONTACT PERSON C. J. Park	
PHONE 303/572-2696	_ FROD. FORMATION
PURCHASER Northern Natural Gas	LEASE Element Vision #1
ADDRESS 2223 Dodge Street	•
Omaha, Nebraska 68102	:-•
DRILLING Zenith Drilling Corporation CONTRACTOR	
ADDRESS 505 4th Financial Center	_ <u>1321</u> Ft. from <u>East</u> Line of
Wichita, Kansas 67202	the NE/4(Qtr.) SEC 22 TWP 338 RGE 36W(W
PLUGGING _	WELL PLAT (Office
CONTRACTOR	Use Only
ADDRESS	- KCC KCC
	KGS /
TOTAL DEPTH 6284' PBTD 6223'	SWD/REP_ PLG.
SPUD DATE 9/5/81 DATE COMPLETED 6/7/82	
ELEV: GR 3042' DF KB 3053'	_
DRILLED WITH (GABLE) (ROTARY) (ALR) TOOLS.	
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE	
	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 REGULATI AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.	IONS PROMULGATED TO REGULATE THE OIL
<u>A F F I D A V I T</u>	
· — — — — — —	g of lawful age, hereby certifies
that:	•
I am the Affiant, and I am familiar with the cont The statements and allegations contained therein are t	
	To Wash
	(Name)
SUBSCRIBED AND SWORN TO BEFORE ME this	day of March.
19 <u>83</u> .	
·	Qualith a. Alsen
MY COMMISSION EXPIRES: //-28-84	(NOTARY PUBLIC)
MI COMMISSION EARLINES: // - 48-87	RÉCE, véb
	STATE CORPORATION COMMISSION
** The person who can be reached by phone regarding an	
information.	MAR 2 8 1983
	CONSERVATION DIVISION
	Wichita, Kansas

Mobil Oil Corporation LEASE Flower Ut. #1

SEC.22 TWP. 37 S RGE.36W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO.

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stam tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION, BOTTOM FORMATION DESCRIPTION, CONTENTS, ETC. NAME DEPTH TOP Check if no Drill Stem Tests Run. Sand 0 40 Council Grove 3976 Sand & Red Bed 40 830 Wabanusee 3450 Red Bed 830 1763 Topeka 3754 Lime & Shale 1763 6280 Heebner 4169 Toronto 4221 Marmathon 5066 Morrow 5778 Morrow Sand 6108 Chester 6174

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (UKECK)								
Purpose of string	Size hole drilled	Size cosing set	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives	
					Class H	550	12% Gel+ 3% CaCl ₂	
Surface csg.	12 1/4"	8 5/8"	24#	1763	Class H	200	3% CaCl 2	
			DV	@ 3265	1st Stage-		Salt Sat.+1/4#/sk	
Prod. csg.	7 7/8"	5 1/2"	14#	6280	Class H	250	Flocele+15 scratce:	
					2nd Stage	-		
			<u>, </u>		Halliburto	500	1/4#/sk flocele	
					Class H	200	18% solt + 75 (FP	
	LINER RECOI	lD		1	PERFORA	TION RECOI	RD	

	LINER RECOR		PERFORATION RECORD					
Top, ft.	Bottom, ft.	Socks coment	Shots per ft.	Size & type	Depth interval			
	TUBING RECO		2/ft		6108-32'			
Size	short storing 606	2 1 Pecker set et	1					
	long string 617		2/fT.	<u> </u>	6141-49			

2 1/16" long string 6170	0' 2/ft	•	2/ <u>†τ.</u>		6141	~49
AC	D, FRACTURE, S	SHOT, CEMENT	SQUEE	E RECORD		
Ameunt	and kind of meterio	used	_		Depth inferval	freated
2500 gal. MOD - 101 - wi	th 85 ball	sealers.			6108/614	91
Fraced with 80,000 gals.	versagel	1400 with	135,0	00# 20/40.	9. 3/10	1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1
Date of first production 7-22-92	Producing metho	od (flowing, pump	ing, gas fli	t, etc.)	Gravity 1/00	10
Estimated Production -I.P.	Gas bbis.	/033	MCF	Water %	Ges-oil ratio	CFPB
Disposition of ges (vented, used on lease or sol	i) Ald			Perforatio	ns	-

Perforations 6108/6149

If additional space is needed use Page 2, Side 2

AMENDED REPORT

	TYPE	AFFID	AVIT OF COMPLETION FO	JKM A	ACO-1 WELL	
	SIDE ONE					Compt
-	mission, 200 days after the Attach so If confidentia record and Sic Articat: injection and Attach or	Colorado Derby Bui e completion of a eparate letter of al, only file one de Two will then be ions must be made temporarily aband ne copy only wirel	m shall be filed with lding, Wichita, Kansawell, regardless of brequest if the information or e held confidential. on dual completion, comed wells. ine logs (i.e. electrical) & 82-2-125)	as 67202, who we have the well nation is to Side One commingling rical log,	within third li was computed be held will be of g, salt wat sonic log,	ty (30) leted. confidential. public er disposal, gamma ray
	LICENSE #	5208	EXPIRATION DATE	E	6/30/83	
•	OPERATOR	inhil Oil Corporat:	lon	API NO	- 15-189-20 5	547
	ADDRESS	2. O. Box 5444		_ COUNTY	- Stevens -	
		Denver. CO 80217		_ FIELD		Kemeyer
	** CONTACT PE	RSON C. I. Park PHONE 303/5	72-2696	PROD. FOI	RMATIONM	PTTOW
	PURCHASERN		ns	LEASE	- Flower Uni	l+ #1
						· -
		-	68102		· -	
			poration		_	
	CONTRACTOR		•			Line of Ox
		05 4th Financial (TWP 335 RGE 364 (W).
		ichita. Kansas 6	/202	- '	WELL PLAT	(Office
	PLUGGING	·		- [, <u></u>	Use Only)
	ADDRESS			-		KCC KGS
				-		SWD/REP
	TOTAL DEPTH 6		PBTD 6223'	-		PLG
		0/5/81DATE CO		- [-22-	,
	ELEV: GR 3		KB3053'	-	, ,	
	DOCKET NO. OF	GABLE: (ROTARY) DISPOSAL OR REPRE SE OF WATER FROM T	SSURING WELL BEING HIS LEASE CD - 3805,			
			cemented 17631	DV Tool U	sed?	<u></u> .
	THIS AFFIDAVIT		cle ONE) - Oil, Gas.	_		sposal.
		NTS OF THE STATUTE	s, RULES AND REGULATI Y COMPLIED WITH.	IONS PROMU	LGATED TO R	EGULATE THE OIL
			FIDAVIT	•		
		J. Park	, bein	ng of lawfu	ol age, her	eby certifies
tha The	I am the Aff		miliar with the cont tained therein are t			g Affidavit.
					Hack	
	SUBSCRIBED A	IND SWORN TO BEFOR	E ME this 23	day of _/	(Name)	<u>/</u> •
19_	<u>83</u> .			_		
	,		_	Buk	eth a.	Elsen
MY	COMMISSION EXP	Pires: //-28-8	<u> </u>	(NO	TARY PUBLI	C) .

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

HEUC: VCI)

STATE CORPORATION COMMMISSION

APR 1 2 1983

FILL IN WELL INFORMATION AS REOUTRED:

ACO-1 WELL HISTORY CO. C.22 TWP. 37 S RGE.36W WELL NO.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. * * *** Show all important zenes of perceity and contents thereof; cored intervals, and all drillinters tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. FORMATION DESCRIPTION, CONTENTS, ETC. HAME X Check if no Drill Stem Tests Run. Sand 0 40 Council Grove 3976 Sand & Red Bed 40 830 Wabanusee 3450 Red Bed 830 1763 Topeka 3754 Lime & Shale 1763 6280 Heebner 4169 Toronto 4221 Marmathon 5066 Morrow 5778 Morrow Sand 6108 Chester 6174 If additional space is needed use Page 2, Side 2

Report of all strings	set — sut	face,	intermo	diate, (production, e	te. CASING	RECORD	(New)	or (l'amo	k):
Purpose of string	Size hele	drilled	Size ca	sing set	Weight Ibs/ft.	Setting depth	Type cer	nent	Sacks	Type and percent additives
							Class	s H	550	12% Gel+ 3% (
Surface csg.	12	1/4"	88	<u>5/8"</u>	24#	1763'	Class	s H	200	3% CaCl
	T					@ 3265		Stage-		Salt Saf.+1/
Prod. csg.	7	7/8"	5	1/2"	14#	6280_	Class		250	Flocele+15 s
	1		1			ļ		Stage		
			 				Halli	burtor	500	1/4#/sk floce
	<u> </u>					<u> </u>	Class	H	200	18% salt +
	LINER I	RECO	RD		•	i		PERFORA	TION RECOI	RD
iep, tt. 8	ettom, ft.			Šocks ce	ment	Shets	per ft.	5,20	û type	Depth interval
	TURING	REC	DRD		<u> </u>					
shord shord	essine den	+ 60	E 2 T T	Pocker s		2/f	•	1		6108-32
2 1/16" long					2/ft.	2/4	τ.			6141-49'
- 1,10 101.8		_				CEMENT SQ		ORD		
		Ame	unt and	kind of	meteriel used				De	pth interval treated
2500 gal. MOD	- 101		with	85 1	oall sea	lers.			61	08/6149'
			-							·
Fraced with 8	0.000	gaı	<u>s. v</u>	ersa	Zel 1400	with 13	<u>,000# 2</u>	0/40.	 	
Date of first production		·		Producin	g method (flex	ring, pumping, s	es lift, etc.)	 	Gravit	
7-22-92									GIEVIC	<i>:</i>
Estimated	Oit				Ges		Water	%	Ga	s-eil retio
Production -I.					łu.	1033	MCF	70	bbis.	CFPS
Disposition of gas (vented,	, wand on le	636 01	sold)				Perf	oration 08/614	ពន្ធ	

and the contraction

٠,		•	O	KA	NSA S		O	-	<i>(</i> ∖	
	WELL COMPLETI DRILLER'S LOG	ON REPORT							33S R. 36 %	
)	API No. 15	189 County	2	Number	١		l	c. <u>NE</u>		
	Mobil Oi	l Corporat	ion				<u>-</u> ا	unty <u>St</u>	640 Acres	
	P. O. Bo)			Denver, Co.	P0217					
	Well No. 2	Lease Name	er No.		60217		7	- 100		
		N) (T) line			from (E) (W)	line				
	Principal Contractor Zenith Drillir		}	V. C. An	dresen		_ }	1-10		
_	Spud Dem 9/5/87	Date Completed		fetal Depth 6280 ¹	P.B.T.D	5223 '		v. 6, 3	042 '	
ر	Directional Deviation 1/2° @ 2550';			Pil and/or Gas Pure Northern	haser		DF	-	3053 ¹	
		<u></u>		CASING	RECORD					
)	Report of all strings	s set — surface,	intermedia	ite, production, e						
	Purpose of string	Size hole drilled	Size casing (In O.D.	weight lbs/ft.	Setting depth	Type ce	ment	Socks	Type and percent additives	
	Surface casing	12-1/4"	8-5/8		1763'	Class Class	н	550 200	12% Gel + 3% Ca 3% CaCl ₂	_
	Prod. casing	7-7/8"	5-1/2		@3265' 6280'	nst Sta Class		250	Salt Sat. + 1/4 Flocele + 15 sc	≐/s rat
)		<u> </u>				2nd Star Hallibu	rton li	e 500		ers
		,		<u> </u>		Class	Ь	200	. 18% salt + .75	CFP
		LINER RECOR	RD				PERFORAT	ION REC	CORD	
	Top, ft. B	eriem, ft.	Seci	ks cement	Shets	per ff.	Size	G type	Depth interval	
		TUBING RECO	DRD			2			6181-6184(Chest	er)
)		6184'	Paci	6190'	+		 -			
	2-7/8"		CID, FRA	CTURE, SHOT,	CEMENT SQ	UEEZE REC	ORD			
		Ames	int and kind	of material used					Depth interval treated	
)	750 g MCA acid:	6 M gal.	MOD 20	02 acid + 6	-			61 81	-6196	
	Verijel 1500 w/	1500 SCF (СО _р /ЬЬТ	<u>. fluid: 6</u>	<u>ball sea</u>	lers				
				INITIAL PE	RODUCTION					
	Date of first production 12/2/8]			Flowing	ring, pumping,	gas lift, atc.)		_		
	RATE OF PRODUCTION PER 24 HOURS	Oil		Ges Est	imate 1200	Water			Gez-eil retio	
)	Disposition of ges (vented,	ming our pour or i	sold)	bbis.	1400		cing interval	bbis.	CFPB	
	So1d					1618	1-6196			

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Manroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

Control South States

HECE VED COMMISSION

APR 4 9 1983

טיעט אוט IVISION

Mobil Oil Corporation		•	DESIGNATE TYPE OF COMPANY HOLE, SWOW, ETC.	up.: Migrain
Loane Name 2 Flower No. 1 Unit				
22 T 335 R 36 W				
WELL LOG		 	SHOW GEOLOGICAL MARK DR OTHER DESCRIPTIVE	ERS. LOGS RUN,
how all important zees of pressity and contents thereof; cored lucing depth interval tested, cushion used, fime tool open, flowing			DR OTHER DESCRIPTIVE	
FORMATION DESCRIPTION, CONTENTS, ETC.	тор	BOTTOM	NAME	DIFTH
Sand & Red Bed Red Bed Lime & Shale	0 40 830 1763	40 830 1763 6280	Council Grove Wabanusee Topeka Heebner Toronto Marmaton Morrow Morrow Chester	3976 3450 3754 4169 4221 5066 5778 6108
		,		
USE ADDITIONAL SHEETS,	IF NECESSARY, TO	COMPLETE W	ELL RECORD.	
Date Received		ln	ash	C. J. Park
	Produci	ng Account	Signature ting Supervisor	
	-		Title - /0 - 8/ Date	
	· · · · · · · · · · · · · · · · · · ·	-	-	**************************************
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en e				