API NO. 15- 189-20499-0001

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

WELL COMPLETION FORM	County Stevens
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E 
Operator: License #5208	
Name:Mobil Dil Corporation	
AddressP.O. Box 2173	Footages Calculated from Nearest Outside Section Corner:
2319 North Kansas Avenue	NE, SE, Wor SW (circle one)
City/State/ZipLiberal, KS 67905-2173	Lease Name _ Hoon #1 Unit Well #2
Purchaser:Spot Market	
Operator Contact Person:Sharon Cook	Producing FormationChase
Phone (_316_)626-1142	Elevation: Ground3141 KB3151
Contractor: Name:Best Well Service	Total Depth6250PBTD3315
License:	Amount of Surface Pipe Set and Cemented at1764 Feet
Wellsite Geologist:L. J. Reimer	Multiple Stage Cementing Collar Used? YesX No
Designate Type of Completion	If yes, show depth setNAFeet
New Well Re-Entry _X_ Workover	If Alternate II completion, cement circulated fromNA
Oil SWD SIGW Temp. Abd SIGW SIGW SIGW Other (Core, WSW, Expl., Cathodic, etc)	feet depth toNA w/NA sx cmt.
<del></del>	Drilling Fluid Management Plan REWORK 47 4-10-97 (Data must be collected from the Reserve Pig.
If Workover:  Operator:Mobil Oil Corporation	Chloride contentNAppm Fluid volumeNAbbls
Well Name:Ethel B. Spring Unit Well #1	Dewatering method used
Comp. Date10-6-80 Old Total Depth _6250	Location of fluid disposal if hauled offsite:
Rename Deepening XXX Re-perf Conv. to Inj/SWD	
X Plug Back 3315 PBYD Commingled Docket No. Dual Completion Docket No.	Operator NameNA
Dual Completion Docket No  Other (SWD or Inj?) Docket No	Lease NameLicense No
	Quarter SecTwpS RngS_E/W
Spud Date Date Reached TD Completion Date Commenced Recompletion	County Docket No. 1
- 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 in	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 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 promulga with and the statements/herein are complete and confrect to the	ted to regulate the oil and gas industry have been fully complied
Signature AMANN U. COOK Sharor	A. Cook K.C.C. OFFICE USE ONLY  F Letter of Confidentiality Attached
TitleRegulatory Asst Date	
Subscribed and sworn to before me this _21st_day of	January,
19_96	CC SWD/RepNGPA
Notary Public / OUTG 400 ON ISON	KGS PlugOther (Specify)

NOTARY PUBLIC - State of Kansas KATHLEEN R. POULTON My Appt. Exp. <u>08-18-48</u>

\_August 30, 1999

Date Commission Expires \_\_\_ 7-10.kcc

Form ACO-1 (7-91)

Operator Name	rator NameMobil Oil Corporation		Lease Name	Lease NameHoon #1 Unit			Well #2		
The state of the state of	J. J.	□ <sub>East</sub>	County	Stevens					
Sec28 Twp329		-X West							
INSTRUCTIONS: Show interval tested, ti hydrostatic pressures if more space is nee	ime tool open a , bottom hole te	and base of formati nd closed, flowing emperature, fluid reco	and shut-in pres	sures, whet	her shut-in pre	ssure reac	hed static level,		
Drill Stem Tests Tak (Attach Additions		Yes X No	Log	Formatio	n (Top), Depth a	•			
Samples Sent to Geol	Yes X No	Name		Тор		Datum			
Cores Taken		Tes X No		NO CHANGE					
Electric Log Run (Submit Copy.)		Yes 🛛 No		NO CHANGE					
List All E.Logs Run:	:								
NO C	CHANGE								
		CASING RECORD	<del></del>		<del></del>	<u> </u>			
	Report al	l strings set-condu		sed ntermediate,	production, etc	c.			
Purpose of String	Purpose of String , Size Hole		Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
NO CHANGE Surface	2 12 4	8 % "	24 =	1770	Class H	150	12% get 5% Cadl		
Producti		5½ H		6250'	Premium Lite Class H		0.75% CFR-2		
	ADDITIONAL C	EMENTING/SQUEEZE REC	ORD						
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives					
Protect Casing	Perforate Protect Casing 3325   Class C			None					
X_ Plug Back TD Plug Off Zone							_		
Shots Per Foot		RECORD - Bridge Plo ge of Each Interval			Fracture, Shot, d Kind of Mater		Depth		
1 SPF   2575-2585				Acid: 1,000 gals 7.5% HCL					
2606-2621				Frac'd: 29,500 gals 20# Crosslink gel					
2666-2676 CIBP @3325				135,360 lbs 12/20 Brady Sand					
3	2720-2740 —_ <b>6026-60</b> 3	CIBP @5980		<u>-</u>					
TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes 【X	No			
Date of First, Resu 11-19-9		SWO or Inj. Prod	ucing Method X F	Lowing Deu	mping Gas L	ift Otl	ner (Explain)		
Estimated Production Per 24 Hours	on Oil	Bbls. Gas	Mcf Water	r Bbls.	Gas-Oil	Ratio	Gravity		
Disposition of Gas:	NETHOD OF	COMPLETION			oduction Interva				
Vented Solo		ease Dopen	Hole Perf.	Dually	Comp. Comm	ingled _	2575 <u></u>		
(if vented, St	ubmit ACO-18.)	Othe	r (Specify)				2740		

								1 1 1 1	
•		1		RTANT		1	001		
,			ens. Geo. Si			، مہ	ORIGINAL		
KANSAS DRILLI	ERS LOG	Ва	amples on t	his well.	<u> </u>			32 R. 37 &	
API No. 15 — 189 — 20,499  County Number							Loc. <u>C_NW</u>		
County Number							CountyStevens		
Operator Mohil Cili	Corp., Attn:	10	Case			ł		640 Acres N	
Address									
Box #5444 Denver, Colo 80217							160		
Well No# Lease Name Ethel B. Spring Unit						1			
Footage Location		11113				<del></del>	<del> </del>	HO+++	
	(N) (\$\frac{1}{2}	50	feet	from (₩ (W)	line	1		┝┝╌╌┤╾┥╾┥	
Principal Contractor			eologist	•			160	60	
Zenith Drill	ing Corp.		Dave Ger						
7/3/80		16	otal Depth		P.B.T.D.		Locate well correctly  Elev.: Gr. 3141		
7/3/0U Date Completed			6250	<u>. j 6</u>	5207		E(ev.: GrVIII		
10/6/80			Northern I	Nat Gas		l	DF	КВ	
10100				RECORD					
	<del></del> -,							<u> </u>	
Report of all stric	ıgs set — surface,	intermediat	te, production, et	c.			·	7 97	
Purpose of string	Size hole drilled	Size casing (in O.D.)	set Weight lbs/ft.	Setting depth	Type o	ement	Sacks	Type and percent additives	
					Howco	Reg:	700	±12%-Ge1	
Surface	12½"	8 5/	8" 24 Ft.	<b>1</b> 770	Class	H	150	5% Cáclz	
	<del></del>	— · · · ·	<del></del>		<del></del>				
				-	Howco	Lite	175	指 Ft 中 loce l E	
Production	7 7/8"	512"	14 Ft.	6250	<del></del>	Lite		18% Salt+3/4%	
				-	Howco	Lite	175	指 Ft 中 loce l E	
				-	Howco	Lite	175	18% Salt+3/4%	
				-	Howco	Lite	175	18% Salt+3/4%	
		51 <sub>2</sub> "		-	Howco	Lite H	175	指于Ft、Fioce1E 18% Salt+3/4%(	
	7 7/8"	5½"		6250	Howco	Lite H	175 675	Ft Floce IE 18% Salt+3/4%	
Production	7 7/8"	5½"	14 Ft.	6250	Howco Class	Lite H	175 675	指导trFloce1E 18% Salt+3/4%(	
Production	7 7/8"	5½" RD	14 Ft.	6250 Shots	Howco Class	Lite H	175 675	Pt Fi oce 1E 18% Salt+3/4%	
Production	7 7/8"  LINER RECOI	5½"  RD  Sack	14 Ft.	6250	Howco Class	Lite H	175 675	Ptt Floce IE 18% Salt+3/4%	
Production  Top, ft.	7 7/8"  LINER RECOI	5½"  RD  Sack	14 Ft.	6250 Shots	Howco Class	Lite H	175 675	Pt Fi oce 1E 18% Salt+3/4%	
Production  Top, ft.	7 7/8"  LINER RECOR	5½ II  RD  Sack  ORD	14 Ft.	6250 Shots	Howco Class	PERFOR	175 675	Pt Fi oce 1E 18% Salt+3/4%	
Production  Top, ft.	7 7/8"  LINER RECORD  Bottom, ft.  TUBING RECORD	Sack ORD Pack	14 Ft.	6250 Shots	Howco Class	PERFOR	175 675	Printerval  CORD  Depth.interval  6026-31	
Production  Top, ft.	7 7/8"  LINER RECORD  Bottom, ft.  TUBING RECORD	Sack ORD Pack	14 Ft.	6250 Shots	Howco Class	PERFOR	175 675	Pt Fi oce 1E 18% Salt+3/4%	
Production  Top, ft.	JUBING RECO	Sack ORD Pack ACID, FRAG	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used	Shots CEMENT SQ	Howco Class	PERFOR	175 675	Printerval  CORD  Depth.interval  6026-31	
Production  Top, ft.	JUBING RECO	Sack ORD Pack ACID, FRAG	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used	Shots CEMENT SQ	Howco Class	PERFOR	175 675	Depth interval	
Production  Top, ft.	JUBING RECO	Sack ORD Pack ACID, FRAG	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used	Shots CEMENT SQ	Howco Class	PERFOR	175 675	Depth interval	
Production  Top, ft.	JUBING RECO	Sack ORD Pack ACID, FRAG	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used	Shots CEMENT SQ	Howco Class	PERFOR	175 675	Depth interval	
Production  Top, ft.	JUBING RECO	Sack ORD Pack ACID, FRAG	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used  all Sealer	Shots CEMENT SQ	Howco Class	PERFOR	175 675	Depth interval	
Production  Top, ft.  Size  Acid W/1250	JUBING RECO	Sack ORD Pack ACID, FRAI	14 Ft.  s cement  cr set at  CTURE, SHOT,  of material used  all Sealer	Shots  CEMENT SQ  SODUCTION	Howco Class	PERFOR. Siz	175 675	Depth interval	
Production  Top, ft.  Size  Acid W/1250  Date of first production	JUBING RECO	Sack ORD Pack ACID, FRAI	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used  all Sealer	Shots  CEMENT SQ  SODUCTION	Howco Class	PERFOR. Siz	175 675	Depth interval	
Production  Top, ft.  Size  Acid W/1250  Date of first production 10/6/80	LINER RECORD Bottom, ft.  TUBING RECORD Setting depth  Amongal MOD-101	Sack ORD Pack ACID, FRAI	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used  all Sealer  INITIAL PR	Shots  CEMENT SQ  SODUCTION	Howco Class  per ft.  Butter Records R	PERFOR. Siz	175 675	Depth interval	
Production  Top, ft.  Size  Acid W/1250	LINER RECORD Bottom, ft.  TUBING RECORD Setting depth  Amongal MOD-101	Sack ORD Pack ACID, FRAI	14 Ft.  s cement  cer set at  CTURE, SHOT, of material used all Sealer  INITIAL PR seing method (flow	Shots  CEMENT SQ  CODUCTION  ing, pumping, g	per ft.  UEEZE RE	PERFOR. Siz	175 675	Depth interval  CORD  Depth interval  CORD  Depth interval  CORD  Depth interval  CORD  CORD  Depth interval  CORD  CORD	
Production  Top, ft.  Size  Acid W/1250  Date of first production 10/6/80	JUBING RECORDS Setting depth  Amount of the setting depth of the setting	Sack ORD Pack ACID, FRAG unt and kind + 20 B	14 Ft.  s cement  cer set at  CTURE, SHOT,  of material used  all Sealer  INITIAL PR  seing method (flow	Shots  CEMENT SQ  CODUCTION  ing, pumping, g	HOWCO Class  per ft.  Butter Records as lift, etc.) Water	PERFOR. Siz	ATION REC	Depth inferval treated  6026-31  Gos-oil ratio	

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 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Mobil Oil C	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:				
Well No. Leas	Gas				
28 T 32 R 37 W					
Show all Important zones of porosity cluding depth Interval tosted, cushiol	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.				
FORMATION DESCRIPTIO		. тор	воттом	HAME	DEPTH
Sand & R Sand, Sh Sand & R Red Base Sand & S Lime & S	ale, Red Bed ed Bed Coral nale	0 1060 1530 2056 2660 2900	1060 1530 2056 2660 2900 5250		
•	•			·	
	· .				
	ADDITIONAL SHEETS, IF	VECESSARY, TO	COMPLETE WE	LL RECORD.	<u></u>
Date Received			a While	lleamson	11/19/80
		Produc		ing Supervisor Title	
	,	3et			, 1, 2
•				-ar + a - a - a - a - a - a - a - a - a - a	a shall control refer to