TIGHT HOLE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API NO. 15 - 071-20336-000
WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY	County Greeley
DESCRIPTION OF WELL AND LEASE	SE NW NE Sec 12 Twp 16S Rge 43 X W
Operator: license # 5171 name TXO Production Corporation address 1800 Lincoln Center Bldg.	4290 Ft North from Southeast Corner of Section 1550 Ft West from Southeast Corner of Section (Note: locate well in section plat below)
City/State/Zip Denver, Colorado 80264	Lease Name Otis
Operator Contact Person Frank D. Tsuru Phone (303) 861-4246	Field Name S. W. Stockholm
Contractor: license #5866 name J. W. Gibson Well Service & Drilling	Producing Formation Lower Morrow
	Elevation: Ground 3897
Wellsite Geologist	Section Plat
Designate Type of Court 14	4950
Designate Type of Completion Xi New Well Re-Entry [] Workover	4620 4290
(A) New Well Re-Entry [] Workover	3960
☐ Oil ☐ SWD 🖄 Temp Abd	3630
☐ Gas ☐ Inj ☐ Delayed Comp.	2970 2640
☐ Ory ☐ Other (Core, Water Supply etc.)	2310
If OWWO: old well into as follows:	1980
Operator	1320
Well Name	990 660
Comp Date Old Total Double	330
(JINSE, VATIO: UP.IBICA Wichite Ka - 63	2880 950 1229 1239 1300 1300 1300 1300 1300 1300 1300 13
WELL HISTORY	0444666784
Drilling Method: ☐X Mud Rotary ☐ Air Rotary ☐ Cable	WATER SUPPLY INFORMATION
9/20/84 9/27/84 10/7/84	Source of Water: Trucked
	Division of Water Resources Permit # N/A
Spud Date Date Reached TD Completion Date	Constitution 5. In the constitution of the con
5300' 5265	☐ Groundwater Ft North From Southeast Corner (Well) Ft. West From Southeast Corne
Total Depth PBTD	Sec Twp Rge [] East [] West
Amount of Surface Pipe Set and Cemented at 464.1 feet	☐ Surface Water
Multiple Stage Cementing Collar Used?	(Stream, Pond etc.)
If Yes, Show Depth Set	Other (explain) Gibson Drilling Co. Purchased W
If alternate 2 completion, cement circulated	(purchased from city, R.W.D.#)
from feet depth to w/ SX cmt	Disposition of Produced Water: Disposal
	Docket #
	Double #
INSTRUCTIONS: This form shall be completed in duplicate and filed Wichita, Kansas 67202, within 90 days after completion or recompletion of any or	with the Kansas Corporation Commission, 200 Colorado Derby Buildin
Information on side two of this form will be held confidential for a period of 12 r for confidentiality in excess of 12 months.	······································
•	n form Cub at OD 4 form
One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells.	s form. Submit CP-4 form with all plugged wells. Submit CP-111 form wi
All requirements of the statutes, rules, and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statemen
	<u> </u>
	K.C.C. OFFICE USE ONLY
Signature June Dean 10/12/8/	Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received
Turk 11 to a second	0-22-84. Distribution
Subscribed and sworn to before me this .23 day of . October.	19 Sch CKGS Plug Other
Notary Public Jammy Rynn Willia Date Commission Expires 1, 157, EC.	(Specify)
Date Commission Expire: 1107 Pt .	<u> </u>

Form ACO-1 (This form supercedes previous forms ACO-1 & C-10)

TAIUN I NOIT	3102 1110			
Operator Name .TXO Production Corp. Lease Name	Otis	well# sec	TWP 16S RGE 43	☐ East Mest

WELL LOG

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.

Drill Stem Tests Taken	☐ Yes	🛚 №
Samples Sent to Geological Survey		🔀 No
Cores Taken	Yes	X No

	rormation	Description	
	☐ Log	☐ Sample	
Name		Тор	8ottom
Stone Corra	1	2744	
Cottonwood		3374	
Neva		3465	
Foraker		3556	
Wabaunsee		3674	
Topeka		3898	
Lansing		4226	
Marmaton		4612	
Ft. Scott		4698	
Cherokee		4746	
Atoka		4874	
Morrow		5040	
Lower Morro	w SD	5140	
Lower Morro	w IM	5172	
Mississippi	an	5250	

released

FROM CONFIDENTIAL

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			CASIN	IG RE	CORD	new		used			
		Rep	ort all strings	set-co	onductor, surf	ace, interme	diate, j	production, etc.			type and
, , , , , , , , , , , , , , , , , , , ,			size casi	ng	weight	setting	3	type of	# sacks		percent
			set (in Q.	.D.)	lbs/ft.	depth	depth		used	ı j.	additives
Surface Production		12 <u>字</u> " 7 7/8"	8 5/ 4 ½"		24# 10.5#	464' 5300'		Neat-Lite 50-50 poz	240 200		% CaCl
	· · · · <u> </u>		• • • • • • • • • •								
	P	ERFORATION R	ECORD				Acid, I	Fracture, Shot,	Cement Se	queeze Re	cord
shots per foot	s	pecify footage of e	ach interval p	perfora	ted			(amount and kir	d of materia	l used)	Depti
2	5	140 - 5173				Açidiz	e w/	3000 gal.	75% MSR-	-150	5140
				• • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • •		· · · · · · · · · · · · · · · · · · ·	• • • • • • • • •	• • • • • •
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					• • • • • • • • • • •					*******	
TUBING RECO	RD s	ize 2 3/8"	set at 508	36	packer at	5086		Liner Run	☐ Yes	⊠ No	* 45
Date of First Produ	uction	Producing r	nethod								1
D'A & T				flowing) [] pump	ing □g	as lift	[ˈ] Other (ex	plain)	• • • • • • • • •	
		Oil		C	Gas	W:	ater	Gas	Oil Ratio		C-
Estimated Production	on 🛊										
			Bbls		MCF			Bbis	CFPE	,	1.3
				ME	THOD OF	COMPLETIC	ON .		DD	ODUCTION	10 h
Disposition of ga	_	vented		openhole perforation							
	=	sold		☐other (specify)							
		used on lease		Dually Completed.							
									4		