

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5171
Name TXO Production Corp.
Address 1800 Lincoln Center Bldg.
1600 Lincoln Street
City/State/Zip Denver, CO 80264

Purchaser None

Operator Contact Person Frank D. Tsuru
Phone (303) 861-4246

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Richard Bacon
Phone

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

11/14/85 11/21/85 11/21/85
Spud Date Date Reached TD Completion Date

5230'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 384 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
if alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-071-20,400-0000

County Greeley

NW NW NW Sec. 6 Twp. 16S Rge. 42 East West

4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

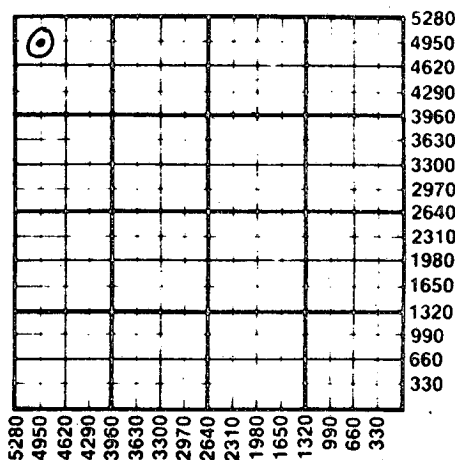
Lease Name Edsall "G" Well # 7

Field Name S.W. Stockholm

Producing Formation Morrow

Elevation: Ground 3875' KB 3885'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Frank D. Tsuru

Title Drilling & Production Engineer Date 4/17/86

Subscribed and sworn to before me this 17 day of January

19 Notary Public Nada J. Branson

Date Commission Expires Dec 14, 1986

K.C.C. OFFICE USE ONLY

- Letter of Confidentiality Attached
- Wireline Log Received
- Drillers Time Log Received
- KCC SWD/Rep NGPA
- KGS Plug Other (Specify)

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FEB 24 1986 2-24-86 CONSERVATION DIVISION

Sec 1 Page 123

SIDE TWO

Operator Name TXO Production Corp. Lease Name Edsall "G" Well # 7

Sec. 6 Twp. 16S Rge. 42 East West County Greeley

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 No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Stone Corral	2751	
Foraker	3558	
Topeka	3902	
Heebner	4122	
Lansing	4222	
Marmaton	4613	
Ft Scott	4695	
Cherokee	4735	
Atoka	4850	
Morrow	5034	
Johannes Sand	5097	
Lower Morrow Limestone	5112	
Mississippian	5171	

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	24#	384	Class "C"	200	3% CaCl ₂

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	None	None	

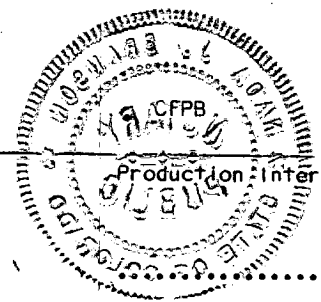
TUBING RECORD Size _____ Set At _____ Packer at _____ Liner Run Yes No

Date of First Production D-8-A-1-d Producing Method Flowing Pumping Gas Lift Other (explain.....)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls		

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



15-071-20400-0000

WELL NAME:	Edsall "G" #7	PTD:	5300'
AREA:	S.W. Stockholm	ELEVATIONS:	3885' KB, 3875' GL
LOCATION:	Sec. 6-R16S-R42W	CONTRACTOR:	Murfin
COUNTY:	Greeley	AFE NUMBER:	860047.
STATE:	Kansas	LSE NUMBER:	76492
FOOTAGE:	330' FWL, 330' FNL	TXO WI:	75%

APCOT FINADEL JOINT VENTURE	Weekly Mail
American Petrofina, Inc.	
P. O. Box 2159	
Dallas, Texas 75221	
Attn: Houston Welch	

- 11/15/85 385' (385'), WOC. Sh. 9.0, 34. 1/2° @ 385'. MI & RU Murfin Rig #21. Spudded 12-1/4" hole @ 4 PM 11/14/85 to 12-1/4" hole @ 7:30 PM 11/14/85. RIH w/ 9 jts, 8-5/8", OD, 8rd, 24#, K-55, ST&C, R-3, C-A tbg (373.53'). Set @ 384'. Cmt'd w/ 100 sxs Halco lite w/ 3% CaCl₂. Tailed w/ 100 sxs Cl "C" w/ 3% CaCl₂. Full returns, cmt circ. PD @ 10:15 PM 11/14/85. NU & PT BOP to 1000#. All held. DW: 9816. CW: 9816. DD 1.
- 11/16/85 2050' (1665'), drlg. Sh. Native. Drld plug @ 10:15 AM 11/15/85. Drld to 2050'. DW: 14,769. CW: 24,585. DD 2.
- 11/17/85 3130' (1080'), drlg. Sh. Native. DW: 9861. CW: 34,446. DD 3.
- 11/18/85 3550' (420'), drlg. Sh. 9.2, 27. DW: 4324. CW: 38,770. DD 4
- 11/19/85 4150' (600'), drlg. Sh & lm. 9.1, 27. Lost circ @ 3955'. Lost approx 80 bbls. DW: 3737. CW: 45,507. Dd 5.
- 11/20/85 4645' (495'), drlg. Sh & lm. 9.1, 29. Lost circ @ 4267'. Lost approx 100 bbls. Increased LCM to 3#/bbl. Regained circ. Resumed drlg. DW: 6380. CW: 51,887. DD 6.
- 11/21/85 5070' (425'), drlg. Sh & lm. 9.2, 36. DW: 7929. CW: 59,816. DD 7.
- 11/22/85 5230' (160'), TIH to LD DP. Lm & sh. 9.1, 45, 8.6, 9.5. Had good smpl shows w/ fluor, slow streaming out, live oil stain. Slight drlg brk 5118-5126' 2 1/2-3 1/2 MPF. TD 7-7/8" hole @ 4:45 PM 11/21/85. Circ & cond. ST. Circ. TOOH. Started logging @ 12:01 AM 11/22/85. Finished logging @ 7 AM 11/22/85. DW: 7933. CW: 67,749. DD 8.
- 11/23/85 5230' (0'), well is P & A'd. Lm & sh. 9.1, 45, 8.6, 9.5. TIH w/ DC. TOOH & LD DC. TIH & plug well as follows: Set Plug #1 w/ 50 sxs 60-40 poz mix @ 2770', plug #2 @ 1660' (50 sxs), plug #3 @ 700' (40 sxs), plug #4 @ 380' (40 sxs), plug #5 @ 40' (10 sxs), 10 sxs cmt in RH & 5 sxs in MH. ND BOP. RR @ 6 PM 11/22/85. Well is P & A'd. FINAL REPORT!!! DW: 5682. CW: 73,431. DD 9.

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CONSERVATION DIVISION
Wichita, Kansas

15071-20400-0000



DS-496 PRINTED IN U.S.A.

LL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 2243 DATE 1/22/88
STAGE DS DISTRICT 04205 KS

WELL NAME AND NO. Edwell G #7
FIELD-POOL Edwell G #7
LOCATION (LEGAL) LOC 6-165-42W
FORMATION
COUNTY/PARISH GOFFLEY STATE KS API. NO.

RIG NAME: MOBILE DRILL
WELL DATA: BOTTOM TOP
BIT SIZE CSG/Liner Size
TOTAL DEPTH WEIGHT
 ROT CABLE FOOTAGE
MUD TYPE GRADE
 BHST BHCT THREAD
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) TOTAL
MUD VISC. Disp. Capacity
NOTE: Include Footage From Ground Level To Head In Disp. Capacity

NAME TEXAS OIL & GAS
AND
ADDRESS
ZIP CODE

SPECIAL INSTRUCTIONS

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE WEIGHT TYPE
 Single GRADE TAIL PIPE: SIZE DEPTH
 Swage THREAD TUBING VOLUME Bbls
 Knockoff NEW USED CASING VOL. BELOW TOOL Bbls
TOP R W DEPTH TOTAL Bbls
BOT R W ANNUAL VOLUME Bbls

PRESSURE LIMIT PSI BUMP PLUG TO PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: 12:30 DATE: 1/22/88 ARRIVE ON LOCATION TIME: 10:30 DATE: 1/22/88 LEFT LOCATION TIME: 17:30 DATE: 1/22/88

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
1712			45					PRE-JOB SAFETY MEETING
1712			10					Plug # 4 set at 40' 105K
1712			70	10				4.287 gpm cement 5.104 disp/cum to top
1712				101				
1745								Cement # - 11.16 w/10 SF's
1746								Should be 10.16' cum.

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	WT	WT	WT	BBL	DENSITY
1.								
2.								
3.								
4.								
5.								
6.								

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CONSERVATION DIVISION
Wichita, Kansas

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN.
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER
Washed Thru Perfs YES NO TO FT MEASURED DISPLACEMENT WIRELINE WILDCAT
PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR

1507120400000

TREATMENT NUMBER 2243 DATE 11/22/85
PAGE DS DISTRICT 0143525 KS

LL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. EDISBELL #7
FIELD-POOL
LOCATION (LEGAL) SEC 16-109-424

COUNTY/PARISH CARROLL CO
STATE KS
API. NO.

NAME
AND
ADDRESS
ZIP CODE

SPECIAL INSTRUCTIONS

RIG NAME: MURPHY
WELL DATA: BOTTOM TOP
BIT SIZE CSG/Liner Size
TOTAL DEPTH WEIGHT
ROT CABLE FOOTAGE
MUD TYPE GRADE
BHST BHCT THREAD
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) TOTAL
MUD VISC. Disp. Capacity
NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SHOE Float Stage Tool
TYPE DEPTH TYPE DEPTH
TYPE DEPTH

Pressure Limit PSI Bump Plug To PSI
Rotate RPM Reciprocate FT No. of Centralizers

Head & Plugs TBG D.P. SQUEEZE JOB
Double Single Swage Knockoff
SIZE WEIGHT GRADE THREAD
TAIL PIPE: SIZE DEPTH
TUBING VOLUME Bbls
CASING VOL. BELOW TOOL Bbls
TOTAL Bbls
ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: 12:30 DATE: 11/22
ARRIVE ON LOCATION TIME: 12:30 DATE: 11/22
LEFT LOCATION TIME: DATE:

SERVICE LOG DETAIL
TIME PRESSURE TBG OR D.P. CASING VOLUME PUMPED BBL INCREMENT CUM INJECT RATE FLUID TYPE FLUID DENSITY
16:43 10 5 Filler Start Filler ahead
16:45 70 10 5 CMT 14 Filler pumped / start CMT
16:47 225 176 5 Filler CMT pumped / start Filler behind
16:53 436 221 5 MOD Filler behind / pumped / start MOD
17:12 10 5 Filler Plug #4 set at 385' (405')
17:14 70 10 5 CMT 14 Filler ahead / pumped / start CMT
17:18 225 176 5 Filler Filler behind / pumped / start Filler behind

REMARKS

SYSTEM CODE NO. OF SACKS YIELD CU. FT/SK COMPOSITION OF CEMENTING SYSTEMS SLURRY MIXED BBLs DENSITY
1.
2.
3.
4.
5.
6.

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FEB 24 1986
CONSERVATION DIVISION

BREAKDOWN FLUID TYPE VOLUME DENSITY W/ PRESSURE MAX. MIN.
HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
Washed Thru Perfs YES NO TO FT MEASURED DISPLACEMENT WIRELINE
PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR

15:071-20400-0000



TREATMENT NUMBER	DATE
2015	11/21/25
PAGE	DISTRICT
DS	11/21/25

DOV SCHLUMBERGER INCORPORATED

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WELL NAME AND NO. Bkill 117	LOCATION (LEGAL) Sec 1-11-42W	RIG NAME: Mudwin 216
FIELD-POOL	FORMATION	WELL DATA: BOTTOM TOP
COUNTY/PARISH Tarrant	STATE KS	API. NO.
NAME Texas Oil & Gas	MUD TYPE GRADE	
AND	MUD DENSITY LESS FOOTAGE SHOE JOINT(S) TOTAL	
ADDRESS	MUD VISC. Disp. Capacity	
ZIP CODE	NOTE: Include Footage From Ground Level To Head In Disp. Capacity	
SPECIAL INSTRUCTIONS FRESH WATER + GUMMERS FOR PTL	Float	Stage Tool
	TYPE	TYPE
	DEPTH	DEPTH
	TYPE	TYPE
	DEPTH	DEPTH

Head & Plugs	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE 4 1/2	TOOL	TYPE	
<input type="checkbox"/> Single	<input type="checkbox"/> WEIGHT 11 1/2		DEPTH	
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE DEPTH		
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD 1 1/2	TUBING VOLUME Bbls		
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls		
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH 272	TOTAL Bbls		
ROTATE	RPM	RECIPROCATATE	FT	No. of Centralizers

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
								SERVICE LOG DETAIL			
								PRE-JOB SAFETY MEETING			
1430			10		5	Fill		Plug #1 set at 2770			
1432			12	10		Fill		10 Fill			
			35	22		Fill		Fill - cement / cement			
			20	25		Fill		Fill - cement / cement			
1445								Fill - cement / cement			
								Fill - cement / cement			
1452			10		5	Fill		Plug #2 set at 1100			
1454			12	10		Fill		Fill - cement / cement			
1450			20	22		Fill		Fill - cement / cement			
			11	25	23	Fill		Fill - cement / cement			
								Fill - cement / cement			
								Fill - cement / cement			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.								
2.								
3.								
4.								
5.								
6.								

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FEB 24 1986

CONSERVATION DIVISION

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	Wichita, Kansas	PRESSURE	MAX.	MIN:
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input type="checkbox"/> NO Bbls.		
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL.	Bbls	TYPE OF WELL	<input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT	MEASURED DISPLACEMENT <input type="checkbox"/>	<input type="checkbox"/> WIRELINE		
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR	

DOWELL SCHLUMBERGER INCORPORATED

15-071-20 400-0000

OILFIELD SERVICES
MINING SERVICES
INDUSTRIAL SERVICES

DSI SERVICE ORDER, RECEIPT, AND INVOICE NO. <i>15-071-20-400-0000</i>	CORRESPONDENCE: P.O. BOX 4378 HOUSTON, TEXAS 77210	REMITTANCE: P.O. BOX 100344 HOUSTON, TEXAS 77212	DSI SERVICE LOCATION NAME AND NUMBER <i>15-071-20-400-0000</i>
CUSTOMER NUMBER	CUSTOMER P.O. NUMBER	TYPE SERVICE CODE <i>775</i>	BUSINESS CODES

CUSTOMER'S NAME <i>TEXAS...</i>	WORKOVER <input type="checkbox"/> W NEW WELL <input type="checkbox"/> N OTHER <input type="checkbox"/>	API OR IC NUMBER
ADDRESS	IMPORTANT SEE OTHER SIDE FOR TERMS & CONDITIONS	
CITY, STATE AND ZIP CODE	ARRIVE LOCATION	MO. DAY YR. TIME <i>11 22 85 1230</i>

DSI shall furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO.

CUSTOMER AUTHORIZED AGENT <i>[Signature]</i>	JOB COMPLETION	MO. DAY YR. TIME <i>11 22 85 1750</i>
SERVICE RECEIPT I certify that the materials and services listed were received and all services performed in a workmanlike manner.		
CUSTOMER AUTHORIZED AGENT <i>[Signature]</i>	SHIPPED VIA <i>[Signature]</i>	

STATE <i>Kansas</i>	CODE	COUNTY / PARISH <i>Casey</i>	CODE	CITY
WELL NAME AND NUMBER / JOB SITE <i>Dwell G-7</i>		LOCATION AND POOL / PLANT ADDRESS <i>Escalante 169-4200</i>		

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>1</i>	<i>1670</i>	<i>1670</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>85</i>	<i>34</i>	<i>2905</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>25</i>	<i>125</i>	<i>3125</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>12</i>	<i>14</i>	<i>168</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>12</i>	<i>14</i>	<i>168</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>12</i>	<i>14</i>	<i>168</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>12</i>	<i>14</i>	<i>168</i>
<i>15-071-20-400-0000</i>	<i>...</i>	<i>...</i>	<i>12</i>	<i>14</i>	<i>168</i>

SERVICE ORDER AND RECEIPT

REMARKS:				STATE	% TAX ON \$	CONSERVATION DIVISION Wichita, Kansas
				COUNTY	% TAX ON \$	
				CITY	% TAX ON \$	
				DSI REPRESENTATIVE	TOTAL \$	

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STATE CORPORATION COMMISSION
FEB 24 1986

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 10 14 85 month day year

API Number 15-- 071-20,400-0000/LS

OPERATOR: License # 5171 Name TXQ Production Corp. Address 1800 Lincoln Center City/State/Zip Denver, CO 80264 Contact Person Frank P. Tsuru Phone 303-861-4246

NW NW NW Sec. 6 Twp. 16 S, Rg. 42 East X West 4950 4680' Ft. from South Line of Section 4950 Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 6033 Name Murfin Drilling Company City/State Wichita, KS

Nearest lease or unit boundary line 330 feet

County Greeley Lease Name Edsall "G" Well # 7

Well Drilled For: X Oil SWD Infield X Mud Rotary Gas Inj X Pool Ext Air Rotary OWWO Expl Wildcat Cable

Ground surface elevation TBD feet MSL

Domestic well within 330 feet: yes X no

Municipal well within one mile: yes X no

Surface pipe by Alternate: 1 2 X

Depth to bottom of fresh water 330

Depth to bottom of usable water 1700

Surface pipe planned to be set 350

Projected Total Depth 5300 feet

Formation Morrow

If OWWO: old well info as follows:

Operator Well Name Comp Date Old Total Depth

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.

Cementing will be done immediately upon setting production casing.

Date 10-11-85 Signature of Operator or Agent Stephen E. Johnson Title Drilling Engineer Agent for Opr.

For KCC Use:

Conductor Pipe Required feet: Minimum Surface Pipe Required feet per Alt. 1 2

This Authorization Expires 4-11-86 Approved By 10-11-85

Move in 11-13-85 8 3/8 to 3504

Start 11-22-85 - plugging on

PUSHER Terry McRae

TD 5230 FORMATION Miss

SURFACE PIPE 8 3/8 @ 284

ANHYDRITE 2760 ELEVATION 3825

STARTING TIME & DATE 10:00 11-22-85

COMPLETION TIME & DATE 6:00 11-22-85

1st PLUG @ 2770 FT. W/ 50 SX

2nd PLUG @ 1660 FT. W/ 50 SX

3rd PLUG @ 700 FT. W/ 40 SX

4th PLUG @ 380 FT. W/ 40 SX

RAT HOLE CIRCULATED W/ 10 SX

MOUSE HOLE CIRCULATED W/ 10 SX

WATER WELL PLUGGED W/ SX

CEMENT COMPANY Halliburton

TECHNICIAN

5-8 40 FX