

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Gas Storage
Applications must be filed for dual completion, commingling, SWD and injection.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).
KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Southwest Gas Storage Company

API NO. 15 119 20526

ADDRESS P. O. Box 1348

COUNTY Meade

Kansas City, Missouri 64141

FIELD Borchers North

**CONTACT PERSON Mr. D. R. Carlile

PROD. FORMATION Morrow

PHONE (316) 873-5469

LEASE Isaac

PURCHASER Panhandle Eastern Pipe Line Company

WELL NO. 1-35

ADDRESS P. O. Box 1348

WELL LOCATION 900'N & 900'E from

Kansas City, Missouri 64141

Ft. from Line and

DRILLING Sage Drilling Company, Inc.

Ft. from Line of

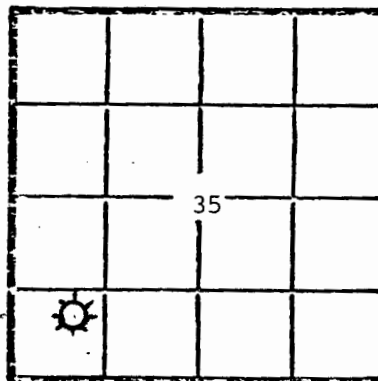
CONTRACTOR

ADDRESS 222 Sutton Place

the SW/c SEC. 35 TWP. 32S RGE. 28W

Wichita, Kansas 67202

WELL PLAT



KCC
KGS ☒
(Office Use)

PLUGGING

CONTRACTOR

ADDRESS

State Geological Survey
WICHITA, BRANCH

TOTAL DEPTH 5783' PSTD 5755'

SPUD DATE 9-19-81 DATE COMPLETED 12-28-81

ELEV: GR 2537' DF KB

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 2683' DV Tool Used? No.

AFFIDAVIT

RECEIVED
STATE CORPORATION COMMISSION

STATE OF KANSAS, COUNTY OF MEADE SS, I, JUN - 9 1982

D. R. CARLILE OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, CONSERVATION DIVISION
Wichita, Kansas

DEPOSES THAT HE IS FIELD SUPERINTENDENT (FOR) (OF) SOUTHWEST GAS STORAGE COMPANY

OPERATOR OF THE BORCHERS NORTH GAS STG. FIELD LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1-35 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 28th DAY OF DECEMBER, 19 81, AND THAT

RESPECT TO SAID WELL IS TRUE AND CORRECT.

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem 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.

cluding depth interval tested, cushion used, time tool open, viewing and shut-in pressures, and recoveries.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand and clay	0	160	Dual Induction Log	
Shale and anhydrite	160	460	Gamma Ray/Neutron-Density	
Red beds and sand	460	900	Gamma Ray/Neutron	
Red beds and anhydrite	900	1440		
Anhydrite	1440	1580		
Shale w/anhydrite streaks	1580	2050		
Anhyrite	2050	2590		
Lime	2590	2900		
Lime and shale	2900	3700		
Shale and lime streaks	3700	4450		
Lime and shale	4450	5620		
Shale and sand	5620	5670		
Lime and shale	5670	5783		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
Cmt squeezed w/195 sx 50/50 Pozmix w/18% salt, 1% CFR-2		5540'-5550'	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity	
3-1-82 In service	Gas Storage Injection-Withdrawal		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	bbls.	MC	%
			bbls.
Disposition of gas (vented, used on lease or sold)		Perforations	
Gas Storage		5642'-5652'	

[illegible]

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Conductor		20	53	63'	Grout	6 1/2 cy	
Surface	12-1/4	8-5/8	28	2683'	Thixotropic	700 sx	*
					HLC	500 sx	
Production	7-7/8	5-1/2	17	5781'	Class H	350 sx	2% cc
					Class H	50 sx	2% cc
					Thixotropic	300 sx	*
					50/50 Pozmix	200 sx	**
*Thixotropic	12-1/2"	Gilsonite, 5%	Salt, 10#	Calseal, 4%	Gel, 1/4#	Flocele	
**50/50 Pozmix	18%	Salt, 3/4"	CFR-2				

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4 JHPF	Steel Carrier	5540'-5550'
Size	Setting depth	Pecker set at	"	" "	5642'-5652'