

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. Applications must be filed for dual completion, commingling, SWD and injection. (Gas Storage)

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-9239. (Rules 82-2-105 & 82-2-125)

OPERATOR Southwest Gas Storage Company

API NO. 15 119 20526-00-00

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

thesw/c SEC. 35 TWP. 32S RGE. 28W

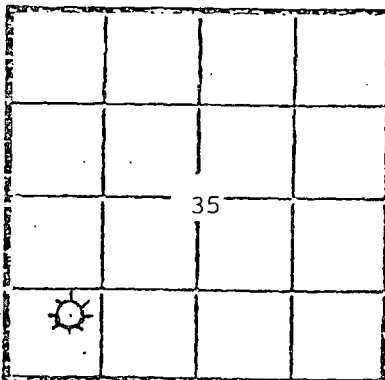
Wichita, Kansas 67202

WELL PLAT

PLUGGING

CONTRACTOR

ADDRESS



KCC / KGS (Office Use)

TOTAL DEPTH 5783' PBD 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 6-9-82 JUN-9 1982

STATE OF KANSAS, COUNTY OF MEADE SS, I,

D. R. CARLILE OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH

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

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) [Signature]

SUBSCRIBED AND SWORN BEFORE ME THIS 7th DAY OF June, 1982

appt.

MY COMMISSION EXPIRES: June 16, 1982

[Signature] NOTARY PUBLIC Wilma Pennington

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 FOPD or is located in a Basic Order Pool.

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.

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		

RECEIVED
STATE CORPORATION COMMISSION

DEC 1 1988

CONSERVATION DIVISION
Wichita, Kansas

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	OR	Gas
		Water %
		Gas-oil ratio
Disposition of gas (vented, used on lease or sold)		Perforations
Gas Storage		5642'-5652'

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	Socks	Type and percent additives
Conductor		20	53	63'	Grout	6 1/2 cy	
Surface	12-1/4	8-5/8	28	2683'	Thixotropic HLC Class H	700 sx 500 sx 350 sx	* 2% cc
Production	7-7/8	5-1/2	17	5781'	Thixotropic 50/50 Pozmix	50 sx 300 sx 200 sx	2% cc *
*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.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4 JHPF	Steel Carrier	5540'-5550'
Size	Setting depth				5642'-5652'