| This form shall be filed in duplicate with the Kansa rado Derby Building, Wichita, Kansas 67202, within the well, regardless of how the well was completed. Attach separate letter of request if the information on si side two will then be held confidential. Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. The Applications must be filed for dual completion, communication of the completion | ten days after the completion of ion is to be held confidential. If de one will be of public record and ype and complete ALL sections. Ingling, SWD and injection, T.A. log, gamma ray neutron log, etc.). |
|--|--|
| OPERATOR Sage Drilling Company | API NO. 15-175-20,578-00-00 |
| ADDRESS 6635 S. Dayton, Ste. 110 | COUNTY Seward |
| Englewood, CO 80111 | FIELD South Kismet |
| **CONTACT PERSON Reed Wacker | PROD. FORMATION Toronto & Marmaton |
| PHONE 316-624-1986 | LEASE Black |
| PURCHASER Panhandle Eastern Pipeline | WELL NO.] |
| ADDRESS Box 828 | WELL LOCATION |
| Liberal, Kansas 67901 | |
| DRILLING Sage Drilling Company | 1980 Ft. from South Line and |
| CONTRACTOR ADDRESS 202 South St. Francis | 1980 Ft. from West Line of |
| Wichita, KS 67202 | the SEC. 7 TWP.34S RGE 31W |
| PLUGGING | WELL PLAT |
| ADDRESS | KCC KGS |
| | (Office Use) |
| TOTAL DEPTH 6100' PBTD 5780' | |
| SPUD DATE 12-9-8] DATE COMPLETED 3-16-82 | |
| ELEV: GR2716' DFKB_2728' | |
| DRILLED WITH (XXXXX) (ROTARY) (AXXX) TOOLS | |
| Amount of surface pipe set and cemented 1556' | DV Tool Used? None |
| AFFIDAVI | · T |
| STATE OF Kansas , COUNTY OF Sew | , |
| | _ |
| Reed A. Wacker OF LAWFUL AGE, BE | • |
| DEPOSES THAT HE IS Agent (FOR) | |
| THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR | |
| SAID LEASE HAS BEED ECHIVED AS OF THE 16. DAY | |
| ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID | WELL IS TRUE AND CORRECT. |
| FURTHER AFFIANT SAMPH NOT. | |
| CONSERVATION DIVISION Wichita. Kansas | (s) Read 11 ocher. |
| SUBSCRIBED AND SWORN BEFORE ME THIS 26th DAY OF | April / 19 82 |
| SUBSCRIBED AND SWORN BEFORE ME THIS 26th DAY OF A NOTARY PUBLIC - State of Kansas | a. A. Hannell |
| MY COMMISSION EXPIRES: MY Appt Exp. 7-7-85 | NOTARY PUBLIC |
| **The person who can be reached by phone regarding an mation. Within 45 days of completion, a witnessed in required if the well produces more than 25 BOPD or is | nitial test by the Commission is |

IDE TWO

WELL LOG

Show all important senses 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.

| cluding depth interval tosted, cushion used, time tool open, flowing and | <u></u> | | | |
|--|--------------|------------------|---|--|
| FORMATION DESCRIPTION, CONTENTS, ETC. | ТОР | BOTTOM | NAME | DEPTH |
| Ran DST #1, op 30 min., SI 60 min.; tools on bottom and op at 2:00 p.m.; lst. op GTS 3 min. and GCO in 13 min; rec. 800' GCO and 100' water cut oil; IH 2094#, IF 500# to 661#, ISIP 1225#, FH 2061#; BHT 110° F. | 4311 , | 4325 ' | Winfield Council Grove Toronto Lansing Marmaton Mississippi St. Gen | 2736 \ 2976 ' 4313 ' 4442 ' 5113 ' 5684 ' 5848 ' |
| Ran DST #2, 30,60,60,120 min.; had sto blo thru test, GTS in 10 min. during 1st op; gauged 68.8 mcfd - 20 min. & 90.1 mcfd - 30 min. of 1st. op; gauged 97.8 mcfd - 10 min, 108 mcfd - 20 min. and 121 mcfd - 30 min. (stabilized) of 2nd. op; rec. 100' | 5098 | 5150' | St. Louis | 5970' |
| GCM and 125' 0&GCM IH 2616#, IF 64 to 80#, ISIP 1675#, FF 64 to 113#, FSIP 1659#, FH 2400#; BHT 120° F. | | , | | |
| St. Louis perfs: | 5974 5980 | 5978' 6012' | | |
| Chester perfs: | 5788 5798 | 5794 ' 5806 ' | | |
| Marmaton perfs: | 5114 | 5118' | , | |
| Toronto perfs: | 4314 | 4338' | J | |
| (SI awaiting pipeline) | | | | |
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| j | | | | |
| | | e e | , | |
| | | | Ì | • |
| | | [| ł | |
| Report of all strings and | | [| | |

| 24 1556 Class H 200 3% cc | Purpose of string | Size hole drilled | Size casing set (in O,D,) | Weight lbs/ff. | Setting depth | Type cement | Sacks | Type and percent additives |
|--|-------------------|-------------------|------------------------------|----------------|---------------|----------------|--------------|----------------------------|
| Production 7 7/8" 5 1/2" 14.0 15.5 6099' 17 PozA 300 3/4% CFR-2 & 10 | Surface | 12 1/4" | 8 5/8" | <u>2</u> 4 | 1556' | HLC Class H | 600 200 | ¼#/sx flocole & 29 |
| gilsonite | Production | 7 7/8" | 5 1/2" | | 6099' | 50/50 Class | | 2% gell, 18% salt |
| | | | | | | | | gilsonite 3/ |
| | | | | | | | | |

| | LINER RECORD | | , | PERFORATION RECO | _ |
|----------|---------------|---------------|---------------|------------------|----------------|
| Top, ft. | Bettom, ft. | Socks cement | Shots per ft. | Size & type | Depth interval |
| | TUBING RECORD | , , | (See Wa | 11 tog) | |
| Sixe | Setting depth | Packer set at | (See Wa | ell Log) | · |
| 2 3/8" | 5133' | N/A | | | |

| | ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD | |
|--|---|------------------------|
| | Amount and kind of motorial used | Depth interval treated |
| Az w/ 2000 gal 15 | 5% MCA acid & 65 ball sealers | 5974-6012 |
| Az w/ 1000 gal 7 | MCA acid & 38 ball sealers | 5788-5806 |
| Az w/ 250 gal 15% Date of first production | | 5114-5118 |
| 4/3/82 | Producing method (flowing, pumping, gas lift, etc.) Pumping | Gravity |
| PER 24. HOURS Disposition of new (vented, used | 73 bbts. 248 MCF Water 7 | Gas-oil ratio |
| Vented (SI 4/19/8 | Perforat Perforat | |