SIDE ONE

203-20,0330001

Wichita

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

| | AC | CO-1 WELL HISTO | ORY | | | SW - SE | - | - S | ec ! | 9 Twp | . 198 | Rge | 38W |
|--|--|--|---|-----------------------------------|--|---|---------------------------------------|---|---------------------------------------|-------------------------------|-------------------------------------|--------------------------------------|----------------------------------|
| | DESCRIP | TION OF WELL A | AND LEASE | | | | | | | | | _ | |
| | | | | | | 1250' | | Feet fron | ③N (cir | cle one) | Line o | f Secti | on |
| Operator: | License# | 31415 | | | | 2565' | | Feet from | EW (cir | rcle one) | Line o | of Secti | ion |
| • | Name: | HS Resources, Inc. | | | Footages Calculated from Nearest Outside Section Corner: | | | | | | | | |
| | Address: | 1999 Broadway, | #3600 | | | | | NE, SE) N | W or SV | N (circle | one) | | |
| | | | | | | Lease Name: | | -Myers | | /ell # | 15-9 | j | |
| | City/State/Zip: | Denver, CO 802 | 202 | | | Field Name: | NA | | | | | | |
| Purchaser: | : | N/A | | | | Producing For | mation: | . N | Α | | | | |
| Operator C | Contact Person: | Richard Frazey | | | | Elevation: Gro | ound | 3429' | | KB: | | NA | |
| | Phone: | (303) 296-3600 | | | | Total Depth: | | 3133' | | PBT | D: | 2914 | |
| Contractor | Name: | Cheyenne Drillin | ig Inc. | | | | _ | | _ | | | | |
| | License | 5382 | | | | Amount of Sur | face Pi | pe Set and | l Cemen | ted at | 346 | | Feet |
| Wellsite Ge | eologist: | NA | | | | | | | | | | | |
| Designate ' | Type of Completion: | ; | | | | Multiple Stage | Cemer | nting Collar | r Used? | | Yes | X | No |
| | New We | il Re-En | | Workove | er . | If yes, show de | apth set | t | | | | | Feet |
| | Oil | _SWD | siow _ | | _ Temp Abd | | | | | | | | |
| | _Gas | _ENHR | SIGGW | | | If Alternate II o | completi | | nt circula | ted from | | NA | |
| Х | Dry | Other (Core, WS | W, Expl, Cath | iodic, Etc | c). | feet depth to | | NA | v | w/ | NA | | sx cmt. |
| | Operator: Well Name: Comp. Date Deepening | Cimarron Explored Burch 08-29-77 | Old Total [| Depth | 3133' D Inj/SWD | (Data must be Chloride conte | ent | _ppm Fi | e Reserv Iuid volur | | | | % - % - _bbls. |
| | _ Plug Back | <u> </u> | PBTD | | 11-yr = - | | | _ | | | | | |
| | Commingled | Docket | | | | Location of flui | id dispo | sal if haul | ed offsite |) : | | | |
| | Dual Completion | Docke | t No. | | | | | | | | | | |
| | Other (SWD or Inj? | ?) Docke | t No. | | | Operator Name | е | | | | | | |
| | _ | | | | | Lease Name | | | Li | cense N | o | | |
| (E | 10-24-94 | NA | | | 11-7-94 | Quarte | er Sec. | ; <u> </u> | wp | S. | Rng. | • | E/W |
| Date | of Reentry | Date Reached T | D / | Complet | tion Date | County | | | Do | ocket No |) | | |
| | | | | | | <u> </u> | | | | | _ | | |
| Derby Bu Rule 82- 12 month One cop | cTIONS An origuilding, Wichita, last-3-130, 82-3-106 hs if requested in or of all wirelines. | Kansas 67202 and 82-3-107 n writing and su e logs and geo | 2, within 120 apply. Infor ubmitted wit ologist well | 0 days or rmation th the fo | of the spud n on side two form (see re t shall be | d date, recomp wo of this form rule 82-3-107 fo | pletion will be or cont this | n, workov e held co ifidentiali form. A | ver or confident ty in ex LL CE | convers tial for cess o | sion o a per of 12 r ING 1 | of a we riod of month TICKE | ell. f ns). E TS |

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

| Signature Eddin & | wan |
|---|------------------------|
| Title District Ma | Mer |
| Title <u>D:str; t</u> Ma Subscribed and sworn to before 19 <u>9 5</u> | methis 25th day of Man |
| Notary Public | torya in Dueneth |
| Date Commission Expires | |
| | KATHRYN M. BURNETT |

Evans, Colorado 80620 My Commission Expires 12/14/96

| | K.C.C. OFFICE U | JSE ONLY | | | | |
|-------|---------------------------|----------------------|--|--|--|--|
| F | Letter of Conf | identiality Attached | | | | |
| C | Wireline Log Received | | | | | |
| | Geologist Report Received | | | | | |
| | Distribut | ion | | | | |
| C/ KC | C SWD/R | ep NGPA | | | | |
| KG | S Plug | Other | | | | |
| | | (Specify) | | | | |
| | | | | | | |

Form ACO-1 (7-91)

SIDE TWO

| Sec. 9 Twp. | | | | Name HSR-Mye | | | 15-9 |
|--|--|---|---|--|---|--------------------------------------|---------------------------------|
| Jec | 19SRge. | 38W | County | Wichita | | | |
| INSTRUCTIONS: interval tested, time t hydrostatic pressures if more space is need | tool open and clo s, bottom hole te | sed, flowing an mperature, fluid | d shut-in pressures | - | ressure reached | static level, | |
| Drill Stem Tests Take (Attach Additional Sh | | Yes X | No | Log Formatio | n (Top), Depth | & Datums | Sample |
| Samples Sent to | | Yes | No | Name This information is | not ovoilable te | Top | Datum |
| Geological Survey | | Yes X | No | This information is | i ilot avallable to | no resources. | |
| Cores Taken | | | | | | | |
| Electric Log Run (Submit Copy) | | Yes X | No | | | | |
| List All E. Logs Run: operator, HS Resou of the original logs workover. | irces does not h | nave a copy | | | | | |
| WOLKOVOL. | | | CASIN | G RECORD | | | |
| | | | New | Used | | | |
| | R | eport all string | js set-conductor, | surface, intermed | iate, production | n, etc. | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | # Sacks Used | Type & Percent Additives |
| Surface | 12-1/4 | 8-5/8 | NA NA | 346' | NA | 250 | NA |
| Production | | 4-1/2 | NA | 3133' | NA | 180 | NA NA |
| | | | | | | | |
| | | ·1 | | TING / SQUEEZE I | RECORD | | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type & F | ercent Additive | |
| | | | | | | | |
| Protect Csg | | | | | | | |
| | | | | | | | |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot | | y Footage of Ea | Bridge Plugs Set/ | (Amoı | d, Fracture, Sho unt & Kind of Ma | | eze Record Depth |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA | | y Footage of Ea 2907'-17' | | (Amou 2000 gais | unt & Kind of Ma acid | terial Used) | Depth NA |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot. | | y Footage of Ea | | (Amou 2000 gais | unt & Kind of Ma | terial Used) | Depth |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA | | y Footage of Ea 2907'-17' | | (Amou 2000 gais | unt & Kind of Ma acid | terial Used) | Depth NA |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA NA | | y Footage of Ea 2907'-17' | ech Interval Perfd Packer NA | (Amou 2000 gals frac w/20, | unt & Kind of Ma acid | terial Used) 7,500# sand | Depth NA |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot. NA NA TUBING RECORD Date of First, Resum | Type - Specify Size NA | y Footage of Ea 2907'-17' 2818'-24' Set At NA | Packer NA Producing Metho | (Amou 2000 gals frac w/20, | unt & Kind of Ma acid 000 gals wtr & 1 Liner Ru | 7,500# sand un Yes | NA NA NA X No |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot. NA NA TUBING RECORD Date of First, Resum NA | Size NA ed Production, S | y Footage of Ea 2907'-17' 2818'-24' Set At NA | Packer NA Producing Method | (Amou 2000 gals frac w/20, | unt & Kind of Ma acid 000 gals wtr & 1 Liner Ru | 7,500# sand | NA NA NA NA Other (Explain) |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA NA TUBING RECORD Date of First, Resum NA Estimated Production | Size NA ed Production, S | y Footage of Ea 2907'-17' 2818'-24' Set At NA WD or Inj. | Packer NA Producing Method Flowing Mcf Water | (Amou 2000 gals frac w/20, | unt & Kind of Ma acid 000 gals wtr & 1 Liner Rt Gas Lift Gas-Oil | 7,500# sand | X No Other (Explain) Gravity |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA NA TUBING RECORD Date of First, Resum NA Estimated Production Per 24 Hours | Size NA ed Production, S | y Footage of Ea 2907'-17' 2818'-24' Set At NA WD or Inj. Bbls Gas | Packer NA Producing Method Flowing Mcf Water NA NA | d NA Pumping Bbls NA | unt & Kind of Ma acid 000 gals wtr & 1 Liner Rt Gas Lift Gas-Oil NA | 7,500# sand Jn Yes Ratio | NA NA NA NA Other (Explain) |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot NA NA TUBING RECORD Date of First, Resum NA Estimated Production Per 24 Hours Disposition of Gas: | Size NA ed Production, S | y Footage of Ea 2907'-17' 2818'-24' Set At NA WD or Inj. Bbls Gas | Packer NA Producing Method Flowing Mcf Water NA ETION | At Company Com | unt & Kind of Ma acid 000 gals wtr & 1 Liner Ru Gas Lift Gas-Oil NA Production Inter | 7,500# sand 7,500# sand Yes Ratio | X No Other (Explain) Gravity NA |
| Protect Csg Plug Back TD Plug Off Zone Shots Per Foot. NA NA TUBING RECORD Date of First, Resum | Size NA ed Production, S METHO Sold | y Footage of Ea 2907'-17' 2818'-24' Set At NA WD or Inj. Bbls Gas | Packer NA Producing Method Flowing Mcf Water NA ETION | d NA Pumping Bbls NA | unt & Kind of Ma acid 000 gals wtr & 1 Liner Ru Gas Lift Gas-Oil NA Production Inter | 7,500# sand Jn Yes Ratio | X No Other (Explain) Gravity |

HS RESOURCES, INC. WORKOVER/RECOMPLETION REPORT

Operator:

HS Resources, Inc.

ACTIVITY

Supervisor:

Well Name: HSR-Myers #15-9 Location:

1250' FSL & 2565' FEL (SWSE)

Contractor: Cheyenne Well Service

AFE #:

Section 9, T19S-R38W

API #:15-203-20, 033-00-01 "OWWO"

CO/State:

DATE

Wichita County, Kansas

PAGE 1

10-24-94

MIRU Cheyenne Well Service. Initial WHP 540 psi. Blew well down in 20 minutes. Install wellhead f/4-1/2" casing. PU 4-1/2" casing scraper & 2-3/8" tubing. RIH on the to tag fill @ 2914'. (Note: Winfield perfs 2818'-2824', Florence perfs 2907-2917). PU off btm & pull scraper above perfs. MI swab tank & pump to pressure test csg in AM. SDFN.

DC: \$2260 CC: \$2260

10-25-94

CP 100 psi overnight. TOH w/scraper. PU RBP & pkr & RIH on tbg. Set pkr @ 2713'. Pressure test csg down annulus to 500 psi, held 30 mins. Set RBP @ 2880', pkr @ 2774' to isolate Winfield perfs (2818'-2824'). Rig to swab. Recover 15 bbls water in 1st hr, 8 bbls wtr in 2nd hr. IFL 1900' FS, FFL 2300' FS. Had very sligh blow up the while swabbing. CP @ 40 psi after swabbing. SWIFN. Note: There is one perforation @ 2769' in the Krider formation and another @ 2737 in the Herington formation above the pkr on the annulus.

DC: \$4000 CC: \$6260

10-26-94

CP 50 psi overnight. The on vacuum. Rig to swab Winfield perfs. IFL 1800' FS. Swab recovery as follows:

| Hr. | FL | Recovery | Csg Press | Tbg Press. | |
|-----|-------------------|-------------|-----------|------------|-------------------------|
| 1 | 1800 | 8.77 BW | 20 psi | Vacuum | |
| 2 | 1800' | 5.85 | 30 | Vacuum | |
| 3 | 1850 ¹ | 15.25* | 30 | Vacuum | change type of swab cup |
| 4 | 1850° | 12.75 | 35 | Vacuum | |
| 5 | 1850 | 14.00 | 40 | Vacuum | |
| 6 | 1850' | 11.75 | 45 | Vacuum | |
| 7 | 1850' | <u>9.65</u> | 80 | Vacuum | |
| | | 78.02 | | | |

Total recovery in 7 hrs 78.02 BW. SDFN.

DC: \$1550 CC: \$7810.

HS RESOURCES, INC. WORKOVER/RECOMPLETION REPORT

Operator:

HS Resources, Inc.

Supervisor:

Well Name:

HSR-Myers #15-9

Contractor:

Cheyenne Well Service

Location:

1250' FSL & 2565' FEL (SWSE) Section 9, T19S-R38W

AFE #:

CO/State:

Wichita County, Kansas

API #:15-203-20, 033-00-01 "OWWO"

ACTIVITY DATE

PAGE 2

10-27-94

Overnight CP 200 psi, tbg on vacuum. Release pkr & RBP to move up hole & test the two perforations @ 2769' & 2737'. Set RBP @ 2790'. Plug would not "take weight" but it did set. Set pkr @ 2692'. Rig to swab. Recovered 35.64 BW in 3-1/2 hrs swabbing w/FL @ 1850' FS throughout. Had good gas blow after pulling swab each time. SWI 1 hr to check pressures. The built to 20 psi, csg 0 psi. SWIFN.

DC: \$1800 CC: \$9610

10-28-94

Overnight CP 80 psi, the on vacuum. Release pkr & RBP & TOH w/tbg. Suspect failed RBP. Waiting on RBP. TIH w/sand pump to clean out fill over bottom set of perfs (Florence, 2907-2917). Tag fill @ 2914'. Stroke sand pump & retrieve to surface. Run a 2nd time & retrieve. Only recovery was fragments of iron-looked like shavings from 2-3/8" tubing collar. Left fish at 2914'. POOH w/sand pump and SWIFN.

CC: \$10,810 DC: \$1200

10-29-94

Overnight CP 80 psi. PU RBP & pkr for 4-1/2" csg f/Tech-Line. TIH w/2-3/8" tbg to re-test the Krider @ 2769' and the Herington @ 2737. Set RBP @ 2780' & pkr @ 2710'. Rig to swab. Recovered 19 BW in 2 hrs. IFL 1850' FS and FFL 1900' FS. Gassy fluid column in well. SWI to allow pressure to build until Monday AM.

CC: \$12,902 DC: \$2092

10-30-94

Well shut down for Sunday.

10-31-94

No rig activity. Unable to reach location due to mud.

11-01-94

After approx 66 hrs SI, CP 0 psi, TP 500 psi. Rig to swab upper holes. IFL 1600' FS. Swabbed down to 1850' FS. Very little gas in fluid column. Release pler & reset @ 2761' between holes in Krider (2769') and Herington (2737). Swabbed f/2 hrs & recover 10.5 BW. Discovered that moving the packer released the RBP - ignore last 2 hrs swabbing. SWIFN.

DC: \$2000 CC: \$14,902

Cheyenne Well Service

PAGE 3

HS RESOURCES, INC. WORKOVER/RECOMPLETION REPORT

Operator:

Well Name:

HS Resources, Inc.

HSR-Myers #15-9

Location:

11-02-94

1250' FSL & 2565' FEL (SWSE)

Section 9, T19S-R38W

AFE #: API #:15-203-20, 033-00-01 "OWWO"

Supervisor:

Contractor:

CO/State: Wichita County, Kansas

The state of the s

DATE ACTIVITY

Overnight CP 280 psi, TP 0 psi. Re-set RBP @ 2780', move & set pkr @ 2742'. Rig to swab Krider perf only (2769'). Swabbed f/7 hrs to recover 73.75 BW (10.5 BPH). IFL 1850' FS, FFL 2150' FS. Tubing remained dead while swabbing, CP

increased to 120 psi. SWIFN. DC: \$1455 CC: \$16,357.

Overnight CP 200 psi, TP 0 psi. Release & move tools to re-set RBP @ 2742' & pkr @ 2710'. Rig to swab Herington perf only (2737'). Swabbed f/5 hrs to

recover 65 BW (13 BPH). IFL 1850' FS. Swabbing f/2000' FS throughout. Gas

was TSTM. SWIFN.

DC: \$1850 CC: \$18,207.

11-04-94 Overnight TP 400 psi, CP 0 psi. Preparing to rig down and move out. No rig

activity - waiting on available truck to haul 2-3/8" tbg. Will be shut down until

Monday, November 7th. DC: \$0 CC: \$18,207

11-05-94 No rig activity.

11-06-94 No rig activity.

11-07-94 TP 540 psi, CP 0 psi. Release pkr, PU RBP & TOH w/2-3/8" tbg. LD tbg.

Remove wellhead & replace w/surface valves as before. Haul water from swab tank, swab tank & tog back to Ness city, KS. RD service unit and move off

location. ******FINAL REPORT******

DC: \$2900 CC: \$21,107