

ALLIED OIL & GAS SERVICES, LLC 055049

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

| | | | | | | | |
|------------------------------------|----------------|---------------------------------------|-----------------|--------------------------|---------------------------|-----------------------|--------------------------|
| DATE <u>4-21-14</u> | SEC <u>27</u> | TWP <u>13</u> | RANGE <u>19</u> | CALLED OUT <u>6:00pm</u> | ON LOCATION <u>8:00pm</u> | JOB START <u>8:00</u> | JOB FINISH <u>8:30pm</u> |
| LEASE <u>Sack</u> | WELL# <u>1</u> | LOCATION <u>Hays 3-west on Old 40</u> | | | COUNTY <u>Ellis</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) <u>NEW</u> | | <u>1 South-Southwest + E into</u> | | | | | |

| | | |
|----------------------------------|------------------|---|
| CONTRACTOR <u>Mallard</u> | OWNER _____ | |
| TYPE OF JOB <u>3 5/8 Surface</u> | CEMENT _____ | |
| HOLE SIZE <u>12 1/4</u> | T.D. <u>218</u> | AMOUNT ORDERED <u>150 sky Common</u> |
| CASING SIZE _____ | DEPTH <u>218</u> | <u>270 bbl - 370 CL</u> |
| TUBING SIZE _____ | DEPTH _____ | |
| DRILL PIPE _____ | DEPTH _____ | |
| TOOL _____ | DEPTH _____ | |
| PRES. MAX _____ | MINIMUM _____ | COMMON <u>150</u> @ <u>17.90</u> <u>2685.00</u> |
| MEAS. LINE _____ | SHOE JOINT _____ | POZMIX _____ @ _____ |
| CEMENT LEFT IN CSG. <u>10'</u> | | GEL <u>282</u> @ <u>.24</u> <u>67.68</u> |
| PERFS. _____ | | CHLORIDE <u>423</u> @ <u>.80</u> <u>338.40</u> |
| DISPLACEMENT <u>13 bbl</u> | | ASC _____ @ _____ |

EQUIPMENT

PUMP TRUCK CEMENTER Steve Dando

417 HELPER Danny Sinner

BULK TRUCK

_____ DRIVER Kevin Rupp

BULK TRUCK

_____ DRIVER Tracy Jordan

| | | | |
|-------------------------|---|---------------|----------------|
| Material | @ | | <u>3096.08</u> |
| Lines | @ | <u>722.78</u> | |
| HANDLING <u>150 sbs</u> | @ | <u>2.48</u> | <u>372.00</u> |
| MILEAGE <u>705m</u> | @ | <u>2.60</u> | <u>183.30</u> |
| TOTAL | | | <u>3646.38</u> |

REMARKS:

Cement Circulated

See Job Log

SERVICE

| | |
|----------------------------------|-----------------------------|
| DEPTH OF JOB <u>218</u> | |
| PUMP TRUCK CHARGE <u>1512.25</u> | |
| EXTRA FOOTAGE _____ | @ _____ |
| MILEAGE <u>km 10</u> | @ <u>4.40</u> <u>44.00</u> |
| MANIFOLD <u>Hvm 20</u> | @ <u>7.70</u> <u>154.00</u> |
| | @ _____ |
| | @ _____ |
| | @ _____ |
| | @ _____ |
| | @ _____ |
| TOTAL <u>2265.55</u> | |
| <u>Disc. 566.38</u> | TOTAL <u>1710.25</u> |

CHARGE TO: Hess Oil Co. Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | |
|-------------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| TOTAL _____ | | |

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Frank Mynk

SIGNATURE Frank Mynk

SALES TAX (if Any) _____

TOTAL CHARGES 5356.63

DISCOUNT 1339.16 25% PAID IN 30 DAYS

4017.47

JOB LOG

SWIFT Services, Inc.

DATE 4-20-14 PAGE NO. 1

CUSTOMER Hess Oil Co WELL NO. #1 LEASE Sack JOB TYPE 2-stage TICKET NO. 25485

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 2240 | | | | | | | on loc w/ FE |
| | | | | | | | | RTD 3795' |
| | | | | | | | | 5 1/2" X 15.5" X 3794' X 21' |
| | | | | | | | | Turbo 1, 2, 4, 5, 6, 7, cont 57 |
| | | | | | | | | Back 58 |
| | | | | | | | | DV 58 @ 1380' |
| | 2245 | | | | | | | start FE |
| | 0030 | | | | | | | Break Circ |
| | 0110 | 5 | 0 | | | 200 | | Start Pref. 500 gal Mud flush |
| | | 5 | 32/0 | | | 200 | | 20 bbl KCL flush |
| | 0125 | | 36 | | | | | Start EA-2 Cement 155 sks |
| | | | | | | | | End Cement |
| | | | | | | | | Wash Pit |
| | | | | | | | | Drop LD Plug |
| | 0130 | 6 | 0 | | | 200 | | Start Displacement water |
| | 0140 | 5 | 60 | | | 250 | | Mud |
| | 0145 | | 90 | | | 700/200 | | Land Plug |
| | | | | | | | | Release Pressure / Float Held |
| | | | | | | | | Drop Opening Plug |
| | | | | | | 1400 | | Open D.V. & Circ. 4 hrs |
| | 0535 | 2 | 7/4 | | | | | Plug RH & MH, 30/15 sks EA-2 |
| | 0605 | 5 | 0 | | | 200 | | Start KCL flush |
| | 0610 | 5 | 20/0 | | | 200 | | Start SMD Cement circ cont @ 95 bbl |
| | 0635 | | 110 | | | | | End Cement |
| | | | | | | | | Drop Closing Plug |
| | 0646 | 5 | 0 | | | 200 | | Start Displacement |
| | | 4 | 10 | | | 250 | | Set Cement |
| | 0650 | | 33 | | | 400/1400 | | Land Plug |
| | | | | | | | | Release Pressure / DV Closed |
| | | | | | | | | CI-C 50 sks to pit |
| | | | | | | | | Thank you |
| | | | | | | | | Nick, David E. & Rob |