

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL

Kansas Corporation Commission, Conservation Division
 Finney State Office Building, 130 South Market, Room 2078
 Wichita, Kansas 67202

API NUMBER 15- 025-21230-0000

LOCATION OF WELL: COUNTY CLARK

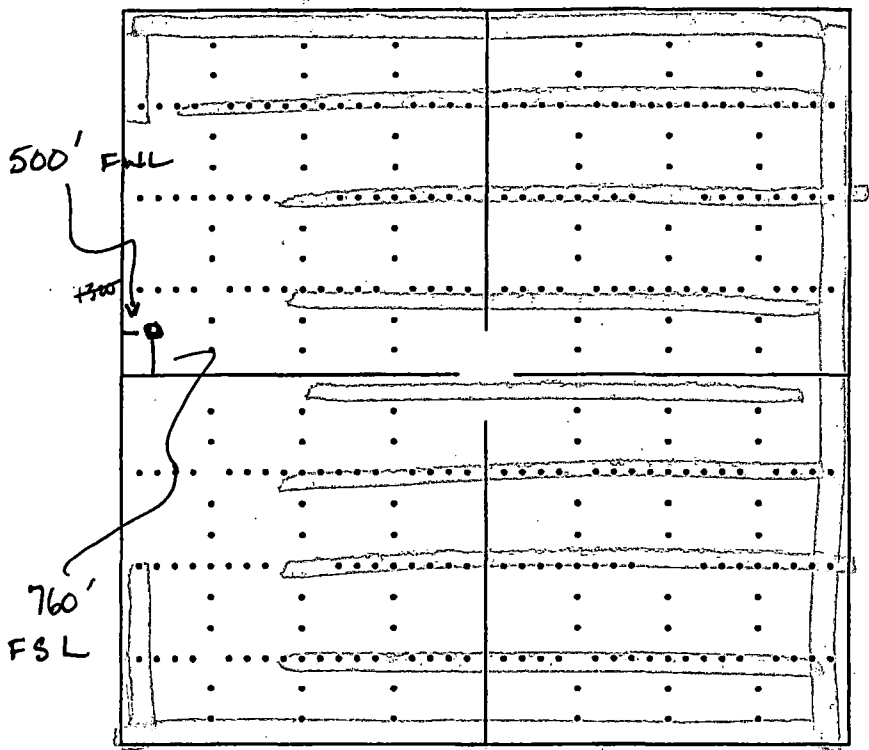
OPERATOR HIGH BLUFF OPERATING LLC
 LEASE AMOS (COMETARY)
 WELL NUMBER 2
 FIELD M. KUNNY

760' feet from south/~~north~~ line of section
500' feet from east / west line of section

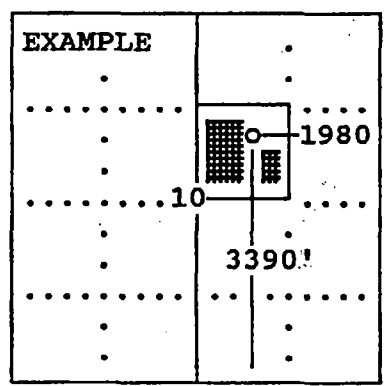
NUMBER OF ACRES ATTRIBUTABLE TO WELL 640
 QTR/QTR/QTR OF ACREAGE - - -

SECTION 19 TWP 34S (S) RG 25W E^(N)
 IS SECTION REGULAR or IRREGULAR
 IF SECTION IS IRREGULAR, LOCATE WELL FROM
 NEAREST CORNER BOUNDARY. (check line below)
 Section corner used: NE NW SE SW

(Show the location of the well and shade attributable acreage for prorated or spaced wells).
 (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).



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 MAY - 9 2005
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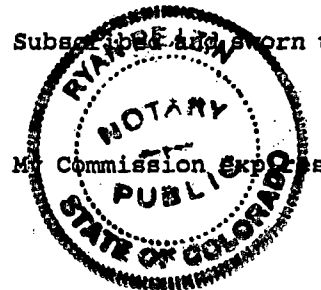
SEWARD CO.

The undersigned hereby certifies as MANAGING MEMBER (title) for

HIGH BLUFF OPERATING LLC (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held by production from that well and hereby make application for an allowable to be assigned to the well upon the filing of this form and the State test, whichever is later.

Signature [Signature]

Subscribed and sworn to before me on this 15th day of May, 2005



Ryan Beaman
 Notary Public
 My Commission Expires 06/09/2008

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

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Operator: License # 32880
Name: J.K. Brown, Inc.
Address: 1732 Wazee St., Ste. 204
City/State/Zip: Denver, CO 80202
Purchaser: Duke Energy
Operator Contact Person: Jamie Brown
Phone: (303) 295-2223
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Shine Overby

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: 1/1/01 Original Total Depth: 5950'

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back Plug Back Total Depth

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

July 31, 2001 Aug. 12, '01 Oct. 4, 2001
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 025-21230-0000

County: Clark

App. C SW-SW Sec. 19 Twp. 34 S. R. 24 East West

760 feet from (S) / N (circle one) Line of Section

500 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Amos #2 Well #: 2-19

Field Name: McKinny Southeast

Producing Formation: Chester

Elevation: Ground: 2002' Kelly Bushing: 2013'

Total Depth: 5950' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 685' circ. to Surface

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 gfb 10/22/02
(Data must be collected from the Reserve Pit)

Chloride content 34,000 ppm Fluid volume 925 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: [Signature]

Title: President Date: October 28, 2002

Subscribed and sworn to before me this 16th day of October

2002
Notary Public: [Signature]

Date Commission Expires: 4/30/05

KCC Office Use ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: J.K. Brown, Inc. Lease Name: Amos Well #: 10
 Sec. 19 Twp. 34 S. R. 24W East West County: Clark

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Composition neutron and density, micro resistivity array induction, gamma ray, bond log

| Name | Top | Datum |
|---------------|---------------------------|--------|
| Heebler Shale | 4370' | (2357) |
| Swope LS | 5060' | (3047) |
| Morrow | 5598' 5665' | (3602) |
| CHESTER | 5612' | |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|------------------|---------------|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./ Ft. | Setting Depth | Type of Cement | # Sacs Used | Type and Percent Additives |
| surface | 12 1/4" | 8 5/8" | 24# | 685' | 65/35/POZ | 385 | 6% gel, 3cc |
| Production | 4 1/2" | 4 1/2" | 11.6# | 5868' | class A | 100 | 1/4# flocele 3% cc |
| | | | | | Class H | 200 | 10% salt, 1/4# |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | .5% Halad 322 2% gel |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 2 | 5668-75' | 500 GAL 15% HCL | |
| | | | |
| | | | |
| | | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---------------|--------|--------|-----------|---|
| | 2 3/8" | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| Date of First, Resumerd Production, SWD or Enhr. | Producing Method |
|--|---|
| 10-22-01 | <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | 1 | 200 | 10 | | |

Disposition of Gas **METHOD OF COMPLETION** Production Interval 5668' - 5675'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACCO-18.) Other (Specify)



J.K. BROWN, INC.

October 16, 2002

Kansas Corporation Commission
Conservation Commission Division
Finney State Office Building

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OCT 21 2002
KCC WICHITA

RE: Official Completion Record for Amos #2;
Sec. 19-34S-24W; Clark County, KS;

Dear Mr. Jim Hemmen:

Thank you for your recent letter regarding discrepancies and missing documents on the Amos #2. First, let me address the ACO-1 completion affidavit. The ACO-1 you received was a draft with some errors and omissions. Enclosed please find the correct and notarized ACO-1, showing the total drilling depth to be 5950'.

Secondly, BJ Services from Denver, Colorado, set surface pipe to 685' and the cement was circulated to surface. The pipe is visible on the open hole log enclosed. We have not located the actual work ticket for the cementing of surface pipe, but will continue to look for it.

Further, we have enclosed the requested dual induction open hole log. No geologists' strip log was prepared during drilling and so cannot be provided

Lastly, the Amos #2 is currently producing 70 MCF per day.

Regards,

Jas K. Brown
President, J.K. Brown, Inc.



J.K. BROWN, INC.

September 17, 2002

Jim Hemmen
Kansas Corporation Commission
130 S. Market, Room 2078
Wichita, Kansas 67202-3802

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Re: Amos #2, Sec 19
Clark County, Kansas

Dear Mr. Hemmen,

Enclosed for your records are the following: cement bond log, open hole micro log, open hole density log, Allied Cementing Inc. cementing report, drill stem test report 5680'-5680'. We will start typing our company representative's daily notes for you. Also, we will find the notarized list of the ACO-1 for you to endorse. Please feel free to call me if you have any questions.

Sincerely,

James K. Brown
President, J.K. Brown, Inc.



Kansas Corporation Commission

Bill Graves, Governor John Wine, Chair Cynthia L. Claus, Commissioner Brian J. Moline, Commissioner

November 06, 2001

J. K. Brown, Inc.
1732 Wazee St. - Suite 204
Denver, CO 80202

RE: API Well No. 15-025-21230-00-00
AMOS 2 2-19
NSWSW, 19-34S-24W
CLARK County, Kansas

Dear Operator:

An affidavit of completion form (ACO-1) on the above referenced well was received on November 05, 2001. Technical review finds that the ACO-1 is incomplete. The information requested below, or an amended/corrected ACO-1, must be submitted by November 19, 2001. Only the current ACO-1 form will be accepted (Form ACO-1, Rev. 9-99), and only the lines marked below apply.

- All drilling and completion information. No ACO-1 has been received as of this date.
- Must be notarized and signed.
- Must have the ORIGINAL HARD COPY of ACO-1. We do not accept fax copies.
- Must be put on new form and typed.
- API # or date when original well was first drilled.
- Contractor License #.
- Designate type of Well Completion.
- If Workover/Re-entry, need old well information, including original completion date.
- Spud date. (Month, Day, Year)
- Other:
- TD and Completion date. (Month, Day, Year)
- Must have Footages from nearest outside corner of section.
- Side two on back of ACO-1 must be completed.
- Must have Drill Stem Tests Report.
- Copies of all electric wireline logs run.
- A copy of geological reports compiled by wellsite geologist.
- A copy of all cement job logs showing type, amounts and additives used to cement casing strings, squeeze and/or to plug and abandon. (Note: Cement tickets must be from company providing the cement, not necessarily the contractor.)
- Any commingling information; File on the ACO-4 form.
- Anything HIGHLIGHTED on ACO-1.

K.C.C. regulation 82-3-107 provides confidentiality, upon written request, for a period of one year from the date of such letter request. Confidentiality rights are waived if the ACO-1 remains incomplete, or is not timely filed (within 120 days from the well's spud date) including: electric logs, geologist's wellsite reports, driller's logs, and Kansas Geological Survey requested samples.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 337-6200 if there are any questions. PLEASE RETURN THIS FORM AND ANY ENCLOSURES WITH YOUR REPLY. Note: If the intent is incorrect, you need to file a corrected intent.

Sincerely,

Sharon Antone

Sharon Antone
Production Department



CEMENTING LOG

STAGE NO.

Date 8-13-01 District Med Lodge Ticket No. 8254
 Company J K Brown Rig MCT-20
 Lease A103 Well No. 2-A
 County Clark State KS
 Location Englewood 1W Field 19-34-24W

CEMENT DATA:
 Spacer Type: 5 Bbls Fresh H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2 Type _____ Weight 11.6 Collar _____

LEAD: Pump Time _____ hrs. Type 60-40/6
 Excess _____
 Amt. 25 Sks Yield 158 ft³/sk Density 13.8 PPG _____
 TAIL: Pump Time _____ hrs. Type ASC 5[#] Kol-seal
 Excess 15% FI-10
 Amt. 150 Sks Yield 1.57 ft³/sk Density 14.5 PPG _____
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls _____

Casing Depths: Top _____ Bottom 5868

Pump Trucks Used 360-265 Mark Brungardt
 Bulk Equip. 353-250 Durdyne West

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 5950 ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0155 Lin. ft./Bbl. 64.34
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.64
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft to _____ ft Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type Float Shoe Depth 5848
 Float Type latch down Depth 5850
 Centralizers: Quantity 7 Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh H₂O Amt. 9 1/2 Bbls. Weight _____ PPG _____
 Mud Type Chemical Weight 9.1 PPG _____

COMPANY REPRESENTATIVE K D Overby

CEMENTER Justin Hart

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|------|-------------------|---------|-------------------|------------------------|----------------|---|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | Pumped Per Time Period | RATE Bbls Min. | |
| 5:00 | | | | | | Pipe on Bottom Drop Ball |
| 5:10 | | | | | | Break Circ. |
| 6:00 | | | | 10 | 5 | Pump 10 Bbls. Mud Clean |
| | | | | 5 | 5 | Pump 5 Bbls. Fresh H ₂ O |
| | | | | 4 | 3 | Plug Rat + 15 sk 20-40/6 |
| | | | | 3 | 3 | Plug Mouse 10 sk |
| | | | | 42 | 6 | Mixt 150 sk ASC + 5 [#] Kol-seal + .5% FI-10 @ 14.5# |
| 6:30 | 200 | | | | 6 | Wash Pump + lines |
| | | | | | 4 | Release Plug |
| | | | | | 3 | Disp 65 Bbls lift press |
| 6:45 | 800 | | | | 3 | slow Rate |
| | 1700 | | | | | 85 Bbls slow Rate |
| | | | | | | 9/5 Bbls Pump Plug |
| | | | | | | Release Press |
| | | | | | | Float Held |

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FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1700 PSI BLEEDBACK _____ BBLs _____

Well Code # _____
 Operator J. K. Brown Inc Well No. & Name Ames #2
 Location 760 FSL 500 FWL SW/4 19-34-24 County Clack State Ks
 Rig No. 20 Contractor _____ Tool Pusher _____
 No. Drill Collars _____ Size _____ No. Joints Flex Wt _____ Size _____ Total Wt. (Both) _____
 Make Pump D-325 D-325 Liner & Stroke _____ Max Pressure _____
 Approx. TD 5950 Elevation 20026.1 20134.8 Spud 1398m 8-2-1

7-14-1
Thur
7-31-1
WOL

| Date | 8-1-1 | 8-2-1 | 8-3-1 | 8-4-1 | 8-5-1 | 8-6-1 | 8-7-01 | 8-8-1 | 8-9-1 | 8-10 | 8-11 | 8-12 |
|------------|-------|------------|------------|----------|--------|----------|----------|-------------|-------|------|----------|-------|
| Days | DIRT | wait | | | | | | | | | | |
| Depth | DOC | on | 685 | 1615 | 2590 | 3310 | 3985 | 4590 | 5095 | 5455 | 5680 | 5950 |
| Ft. Cut | 2-8B | Primit | 685 | 930 | 975 | 720 | 675 | 605 | 505 | 360 | 225 | 270 |
| D.T. | To | 1 3/4" w/c | 6 1/4" w/c | - | - | - | - | 3 9/16" w/c | - | - | - | - |
| D.T. | Spud | | | | | | | | | | | |
| C.T. | | | | | | | | | | | 13 3/4 | 8 3/4 |
| Bit Wt | | | 15 | 25 | 28-30 | 35 | 38 | 40 | 40 | 40 | 40 | 40 |
| RPM | | | 120 | 85 | 85 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Pressure | | | 750 | 900 | 1000 | 850 | 950 | 1000 | 1000 | 1100 | 1100 | 1000 |
| SPM | | | 68 | 67 | 66 | 60 | 59 | 59 | 57 | 57 | 57 | 48 |
| Mud Cost | | | 850 | 1690 | 1690 | 1910 | 4000 | 5420 | 6220 | 8595 | 8980 | 10575 |
| Mud Wt | | | 95' | | 93' | 92' | 89' | 91' | 88' | 91' | 91' | 93' |
| Viscosity | | | 34 | | | 31 | 47 | 39 | 45 | 48 | 54 | 55 |
| Water Loss | | | | | | | 162 | 104 | 96 | 12 | 118 | 104 |
| Clorides | | | | | | 84000 | 1500 | 4700 | 5000 | 7000 | 7000 | 1000 |
| L.C.M. | | | 8" | | | | 10" | 12" | 24" | 14" | 14" | 24" |
| Dev. Sur. | | | 1/4-685 | 1/4-1201 | 1-1800 | 3/4-2809 | 1/2-3816 | | | | 1/2-5680 | |

Formation sh sh sath sh tlm sh tlm sh tlm sh tlm sh tlm sh tlm
 Weather Clear Clear Clear Clear Clear Clear Clear Cloudy Rain Cloudy

| NO. | SIZE | TYPE | 17 OUT | 89 1/2 FT. | 8 1/4 HRS. | 8 1/4 HRS. | 10 1/2 BIT COND. | 12 1/2 SERIAL 15742 | 16 1/2 TOPS |
|-----|--------------|---------|--------|------------|------------|------------|------------------|---------------------|-------------|
| 1 | 12 1/4 Varel | L117 | 685 | 685 | 9 3/4 | | RR | 162628 | |
| 1 | 7 1/8 Htca | GDOC | 5680 | 4795 | 161 1/2 | 121 | | 572 JTM | |
| 2 | 7 1/8 Htca | HX30 BR | 5950 | 270 | 15 1/2 | 186 1/2 | | | |
| | | H-C | | 7 00/100 | 8 | 12-01 | | | |

| DEPTH | SIZE | SACKS | CEMENT MATERIAL | PLUG DOWN | DRILLED OUT | REMARKS |
|-------|-------|-------|-----------------|----------------|----------------|-----------------|
| 683 | 8 1/8 | 285 | 225 L.H. 150 C | 5 1/5 Am 8-3-1 | 1 1/5 Am 8-3-1 | Corrected 8B Bt |

| NO. | INTERVAL | OPEN | SHUT | OPEN | SHUT | REC | HH | IFP | ISIP | FFP | FSI |
|-----|-----------|------|------|------|------|------------------|-----|-----|-------|-----|-----|
| 1 | 5600-5680 | 30 | 60 | 60 | 120 | 6.30 Mad 188 000 | Gre | 38 | Chalk | | |

Chester

Surface Casing Furnished By Brown 234 Mud Co C-W Pump Co. Line
 Accidents & Remarks 15 Jts 66863 Old Water Well

Brown Pay

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Lester Colby

