

AMENDED

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 9534

Name: Giant Exploration & Production

Address P.O. Box 2810

City/State/Zip Farmington, N.M. 87499

Purchaser: N/A

Operator Contact Person: Aldrich L. Kuchera

Phone (505) 326-3325

Contractor: Name: Sage Drilling Company

License: Unknown

Wellsite Geologist: Chip Harraden

Designate Type of Completion

New Well Re-Entry Workover

Oil ? SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water, Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

5-6-91 5-17-91 6-26-91

Spud Date Date Reached TD Completion Date

API NO. 15- 119-20,832 00-00

County Meade

NW SE NW Sec. 14 Twp. 35S Rge. 29 XX East West

1575 Ft. North from Southeast Corner of Section

Co. 2440 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Adams Ranch Well # D-15

Field Name Cimarron Bend

Producing Formation Kansas City

Elevation: Ground 2310' KB 2320'

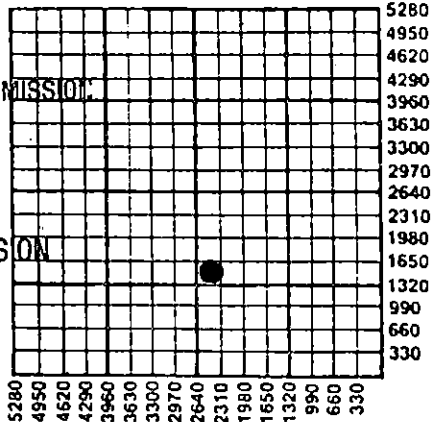
Total Depth 5230' KB 5172.89' PBDT

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KANSAS CORPORATION COMMISSION

11-15-91
NOV 15 1991

CONSERVATION DIVISION
WICHITA, KS



AIR I

Amount of Surface Pipe Set and Cemented at 1489.49' KB Feet

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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jeffrey R. Vaughan
Title Vice President, Operations & Engineering Date 11-13-91

Subscribed and sworn to before me this 13th day of November, 19 91.

Notary Public Debra A. Shelton

Date Commission Expires July 24, 1995

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

P1

SIDE TWO

Operator Name Giant Exploration & Production Co Lease Name Adams Ranch Well # D-15

Sec. 14 Twp. 35S Rge. 29 East West County Meade

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

| Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Formation Description</th> </tr> <tr> <th style="width:40%;">Name</th> <th style="width:20%;">Top</th> <th style="width:40%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Council Grove</td> <td>2894'</td> <td>3690'</td> </tr> <tr> <td>Heebner</td> <td>3690'</td> <td>4343'</td> </tr> <tr> <td>Toronto</td> <td>4378'</td> <td>4502'</td> </tr> <tr> <td>Lansing</td> <td>4502'</td> <td>5076'</td> </tr> <tr> <td>Kansas City</td> <td>5076'</td> <td>5205'</td> </tr> <tr> <td>Marmaton</td> <td>5205'</td> <td>5214'</td> </tr> </tbody> </table> | Formation Description | | | Name | Top | Bottom | Council Grove | 2894' | 3690' | Heebner | 3690' | 4343' | Toronto | 4378' | 4502' | Lansing | 4502' | 5076' | Kansas City | 5076' | 5205' | Marmaton | 5205' | 5214' |
|---|--|-----------------------|--|--|------|-----|--------|---------------|-------|-------|---------|-------|-------|---------|-------|-------|---------|-------|-------|-------------|-------|-------|----------|-------|-------|
| Formation Description | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | Top | Bottom | | | | | | | | | | | | | | | | | | | | | | | |
| Council Grove | 2894' | 3690' | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3690' | 4343' | | | | | | | | | | | | | | | | | | | | | | | |
| Toronto | 4378' | 4502' | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 4502' | 5076' | | | | | | | | | | | | | | | | | | | | | | | |
| Kansas City | 5076' | 5205' | | | | | | | | | | | | | | | | | | | | | | | |
| Marmaton | 5205' | 5214' | | | | | | | | | | | | | | | | | | | | | | | |

CASING RECORD New 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 | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Surface | 12-3/4" | 8-5/8" | 24# | 1489.49' | KB Light | 600 | 2% CaCl & 1/4#/sk. |
| | | | | | Premium | 150 | Flocele |
| | | | | | Class "H" | 275 | 2% CaCl |
| Production | 7-7/8" | 5-1/2" | 15.5# | 5215.75' | Light | 130 | 2% CaCl & 1/4#/sk. |
| | | | | | Premium | 225 | Flocele |

| Shots Per Foot | PERFORATION RECORD Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |
|----------------|---|---|
| 4 | 4471'-4477', 5026'-5030', 5121'-5124', 5134'-5136', 5205'-5208' | Acidized with 1,750 gallons 15% HCl acid. |
| | | |
| | | |
| | | |
| | | |

TUBING RECORD Size 2-3/8" Set At 5107' Packer At KB Liner Run Yes No

Date of First Production N/A Producing Method Flowing Pumping Gas Lift Other (Explain)

| | | | | | |
|-----------------------------------|--------------------|------------------|------------------------|--------------------------|--------------------|
| Estimated Production Per 24 Hours | Oil <u>0</u> Bbls. | Gas <u>0</u> Mcf | Water <u>756</u> Bbls. | Gas-Oil Ratio <u>N/A</u> | Gravity <u>N/A</u> |
|-----------------------------------|--------------------|------------------|------------------------|--------------------------|--------------------|

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
4471'-4477', 5026'-5030', 5121'-5124', 5134'-5136', 5205'-5208'

ORIGINAL

**** DRILLERS LOG ****

Adams No.D-15
Section 14-35S-29W
Meade County, Kansas

Ran 36 jts 8 5/8"
set @ 1491', Cemented w/
600sx prem + lite, 2%cc

Operator: Giant Exploration
Contractor: Sage Drilling Co.
Commence: May 6, 1991
Completed: May 19, 1991

| Formation: | From | To | Remarks: |
|------------|-------|-------|--|
| Red Bed | 80' | 1640' | |
| Anhy | 1640' | 2620' | |
| Shale | 2620' | 3350' | |
| Dole | 3350' | 3785' | |
| Lime/Shale | 3785' | 5230' | Ran 120 jts 5 1/2" set @ 5216' cemented w/ 355 sx prem + |

I Certify that this is a true and correct copy of the log on the above captioned well to the best of my knowledge

Jerry Mason

Jerry Mason
Vice President

Subscribed and sworn to before me this 21st day of May 1991.



Sharon D. Yates

Sharon D. Yates
Notary Public

My Commission Expires November 18, 1994

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KANSAS CORPORATION COMMISSION

NOV 15 1991

CONSERVATION DIVISION
WICHITA, KS

JOB LOG

WELL NO. W-15 LEASE MOONSHINE KATON TICKET NO. 141953

ORIGINAL Grant Production

PAGE NO. 1

JOB TYPE Grant prod csg

DATE 5-18-91

FORM 2013 R 2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | I | C | TUBING | CASING | |
| | 1330 | | | | | | | Called out. Ready now!!! |
| | 1450 | | | | | | | On location. L.D.D. Collars. |
| | 1510 | | | | | | | Start casing. |
| | 1740 | | | | | | | Cir casing @ approx 5120 ft. |
| | 1745 | | | | | | | Run casing. |
| | 1752 | | | | | | | Casing in. Hook up to cir w/rig pump. |
| | 1757 | | | | | | | Cir established. |
| | 1857 | | | | | | | Shut down rig pump. Hook up to cement line. |
| 1 | 1903 | 5.0 | 10 | | ✓ | 150 | | Start scavenger @ 11.0 ppg |
| 2 | 1904 | 7.5 | 30 | | ✓ | 150 | | Start lead @ 13.1 ppg |
| 3 | 1908 | 6.0 | 40.5 | | ✓ | 150 | | Start tail @ 16.1 ppg |
| 4 | 1915 | | | | | | | 0 Cement in. Shut down pumps |
| | 1916 | | | | | | | 0 Wash pumps & lines. Drop 5' w top plug |
| 5 | 1921 | 6.7 | 114 | | ✓ | | | 0 Start water displacement |
| 6 | 1938 | 2.25 | 9 | | ✓ | | | 2000 Slow rate |
| 7 | 1942 | | | | | 1300 | | Land plug |
| 8 | 1943 | | | | | | | 0 Release pressure. Float holding |
| | 1945 | | | | | | | Job completed |

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KANSAS CORPORATION COMMISSION

NOV 15 1991

CONSERVATION DIVISION
WICHITA, KS

Thanks for calling Halliburton Services!!!
Bill Brown

ORIGINAL

HALLIBURTON SERVICES
JOB LOG

WELL NO 0-15 LEASE ACRAMS TICKET NO 141.004
OWNER GIANT Expl. & Prod. PAGE NO. 1
JOB TYPE 9 5/8 SURFACE DATE 5-8-91

FORM 2013 R-2

| CHART NO | TIME | RATE (RPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 2315 | | | | | | | called |
| | 0300 | | | | | | | TIME REQUESTED |
| | 0145 | | | | | | | ON location |
| | 0150 | | | | | | | SET UP TRUCK |
| | 0300 | | | | | | | CEMENT ON location |
| | 0630 | | | | | | | CASING STARTED. Area that is open |
| | 0740 | | | | | | | CASING IN HOLE |
| | 0745 | | | | | | | HOOK UP TO CIRCULATE TAG PUMP |
| | 0750 | | | | | | | START CIRCULATING |
| | 0757 | | | | | | | FINISH CIRCULATING |
| | 0757 | | | | | | | HOOK UP TO CEMENT |
| | 0758 | | | | 2 | | | START MIXING CEMENT |
| | 0802 | 7 | | | 2 | 300 | | START CEMENT Down hole |
| | 0837 | | 253 | | 2 | 250 | | FINISH MIXING + PUMPING CEMENT |
| | 0837 | | | | 2 | | | RELEASE plug |
| | 0838 | 6 | | | 2 | 50 | | START Displacing plug |
| | 0858 | | 9225 | | 2 | 400 | | FINISH Displacing plug landed |
| | 0858 | | | | | 800 | | PRESSURE TO 400 psi |
| | 0859 | | | | | 0 | | Pressure above, check float |
| | 0900 | | | | | 0 | | float holding. did not see cement |
| | 0910 | | | | | | | ORDER MORE CEMENT |
| | 0915 | | | | | | | CEMENT ON location |
| | 1215 | | | | | | | HOOK UP TO 1" RECEIVED |
| | 1225 | 1 | | | 1 | 300 | | START CEMENT NOV 15 1991 |
| | 1310 | | 42 | | 1 | 400 | | FINISH CEMENT CONSERVATION DIVISION |
| | 1310 | | | | | | | NO CEMENT TO SURFACE WICHITA, KS |
| | 1310 | | | | | | | ORDER MORE CEMENT |
| | 1610 | 1 | | | 1 | 300 | | START CEMENT |
| | 1650 | | 38 | | 1 | 200 | | FINISH CEMENT. CIB CEMENT TO psi |
| | 1650 | | | | | | | WASH UP |
| | 1700 | | | | | | | JOB completed |

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C _____ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 9534 EXPIRATION DATE 8/5/2004

OPERATOR Hixon Development Company API NO. 15-119-20,659

ADDRESS P.O. Box 2810 COUNTY Meade
Farmington, New Mexico 87499 FIELD Adams Ranch

** CONTACT PERSON Aldrich L. Kuchera PROD. FORMATION Lansing
PHONE (505) 325-6984 Indicate if new pay.

PURCHASER Hixon Development Company LEASE Adams

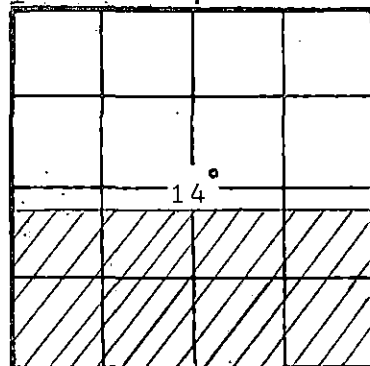
ADDRESS P.O. Box 2810 WELL NO. D-9
Farmington, New Mexico 87499 WELL LOCATION SW/4 E/2

DRILLING J.B. Bohanon Drilling 330 Ft. from South Line and
CONTRACTOR CONTRACTOR 2310 Ft. from East Line of (E)
ADDRESS P.O. Box 6 the SE (Qtr.) SEC 14 TWP 35S RGE 29 (W).
Liberal, Kansas 67901

PLUGGING None
CONTRACTOR CONTRACTOR
ADDRESS ADDRESS

WELL PLAT

(Office Use Only)



KCC
KGS
SWD/REP _____
PLG. _____
NGPA _____

TOTAL DEPTH 4700' PBD 4655'

SPUD DATE June 30, 1984 DATE COMPLETED July 15, 1984

ELEV: GR 2346.3' DF - KB 2356.3'

DRILLED WITH (GAMMA) (ROTARY) (MWD) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 102780

Amount of surface pipe set and cemented 1488' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion _____ Other completion _____ NGPA filing _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Aldrich L. Kuchera, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Aldrich L. Kuchera
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 7th day of August, 1984

Janice Jeanne Anderson
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 7/3/88

RECEIVED
STATE CORPORATION COMMISSION
information concerning this

AUG 10 1984

CONSERVATION DIVISION
Wichita, Kansas

** The person who can be reached by phone regarding any questions

Side TWO

OPERATOR Hixon Development Company LEASE NAME Adams SEC 14 TWP 35S RGE 29 (W)

WELL NO D-9

FILL IN WELL INFORMATION AS REQUIRED:

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 |
|--|-------|--------|--|-------------------------------------|
| <u>X</u> Check if no Drill Stem Tests Run. Check if samples sent Geological Survey. | | | Dual Induction Guard, Gamma | 4693'- 1488' |
| <u>Council Grove</u> | 2884' | 3670' | Compensated Density, Dual Spaced Neutron | 4693'- 4240' |
| 10% Ø Apparent permeability, clean zone, good possibility of gas. | 2994' | 3000' | CDL - DSN | 3750'- 2780' |
| 20% Ø Good permeability, probable gas zone, fair resistivity | 3080' | 3086' | Contact Log | 4693'- 4240'- 3750'- 2780' |
| 17% Ø High permeability, shale stringers present, high resistivity, some gas possible | 3174' | 3184' | Mud Log | 1488'- 4700' |
| 14% Ø Fair permeability, high resistivity, gas could be tight | 3250' | 3254' | | |
| 10% Ø Fair resistivity, fair permeability, gas may be tight | 3456' | 3460' | | |
| 14% Ø Fair resistivity, apparent permeability, clean, high SP, good zone for gas | 3476' | 3486' | | |
| <u>Heebner</u> | 3670' | 4352' | | |
| <u>Toronto</u> | 4352' | 4460' | | |
| <u>Lansing</u> | 4460' | | | |
| 12% Ø High resistivity, fair permeability, stringer of low porosity, hydrocarbons possible | 4462' | 4468' | | |
| 18% Ø High resistivity, high permeability, very clean, good zone for hydrocarbons | 4472' | 4490' | | |

If additional space is needed use Page 2

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 | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|------------------------|------------|---|
| Surface Casing | 12-1/4" | 8-5/8" | 24# | 1500' | DWL III Standard | 760 | 5% CaCl ₂ 14# sk cellophane flakes |
| Production Casing | 7-7/8" | 5-1/2" | 15.5# | 4700' | DWL III Self Stress II | 200 100 | 10 bbl Chemical Wash 1/4 #sk cellophane flakes |
| Production Tubing | | 2-3/8" | 4.7# | 4654' | - | - | 2% KCL Water |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|---------------|---------------------|---------------------|---------------|-------------|----------------|
| TUBING RECORD | | | 4 | 0.45 SSBII | 4470'-4484' |
| Size 2-3/8" | Setting depth 4654' | Packer set at 4450' | 4 | 0.45 SSBII | 4460'-4466' |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |

| | | |
|--|---|--|
| Date of first production <u>July 24, 1984</u> | Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u> | Gravity <u>45.0</u> |
| Estimated Production-I.P. Oil <u>101</u> bbls. | Gas <u>8</u> MCF | Water <u>0</u> % |
| Disposition of gas (vented, used on lease or sold) <u>Used on lease</u> | | Gas-oil ratio <u>4470'-4484'</u> Perforations <u>4460'-4466'</u> |