

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

Operator: License # 5428

Name: Graves Drilling Co., Inc.

Address P. O. Box 8250

Wichita, KS. 67208

City/State/Zip _____

Purchaser: _____

Operator Contact Person: Fredrick W. Stump

Phone (316) 687-2777

Contractor: Name: Pickrell Drilling Co., Inc.

License: 5123

Wellsite Geologist: Fredrick W. Stump

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBSD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

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

9/6/94 9/13/94 9/14/94
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,452-00-00

County Barber

C NW NE Sec. 36 Twp. 31s Rge. 13w

660 Feet from 1 (circle one) Line of Section

1980 Feet from 6 (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Roger Well # 1

Field Name Nurse South

Producing Formation _____

Elevation: Ground 1508' KB 1513'

Total Depth 4220' PBSD _____

Amount of Surface Pipe Set and Cemented at 463 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 cnt.

Drilling Fluid Management Plan D&A JH 1-6-95
(Data must be collected from the Reserve Pit)

Chloride content 4,000 ppm Fluid volume 740 bbls

Dewatering method used hauled

Location of fluid disposal if hauled offsite: _____

Operator Name Graves Drilling Co., Inc.

Lease Name Jacobs License No. 5428

NE Quarter Sec. 13 Twp. 32 S Rng. 12 E/W

County Barber Docket No. D-20,013

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 Fredrick W. Stump

Title Exploration Mgr. Date 9/30/94

Subscribed and sworn to before me this 30th day of September, 19 94.

Notary Public Phyllis A. Freeman

Date Commission Expires _____

6/9/98
PHYLLIS A. FREEMAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-9-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
RECEIVED _____ SWD/Rep _____ NGPA
STATE CORPORATION COMMISSION Plug _____ Other _____
(Specify)
OCT 05 1994

Form ACO-1 (7-91)
CONSERVATION DIVISION 10.5.94
WICHITA, KANSAS

P

Operator Name Graves Drilling Co., Inc. Lease Name Roger Well # 1
 Sec. 36 Twp. 31s Rge. 13 East West
 County Barber

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elgin Shale	3330'	-1817'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3476'	-1963'
List All E.Logs Run:		Douglas Shl	3514'	-2001'
Dual Induction log		Lo Dg Sd	3628'	-2115'
Neutron/Density Porosity Log		Lansing	3658'	-2145'
		Stark	3998'	-2485'
		Mississippi	4162'	-2649'
		TD	4221'	-2708'

CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8"	24#	463'	poz	300	2%gel, 3%cc

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					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SUD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled, Other (Specify) _____

Production Interval _____

ALLIED CEMENTING COMPANY, INC.

913-483-2627

P. O. BOX 31

RUSSELL, KANSAS 67665

ORIGINAL

To: Graves Drilling Co., Inc.
P. O. Box 8250
Wichita, KS 67208

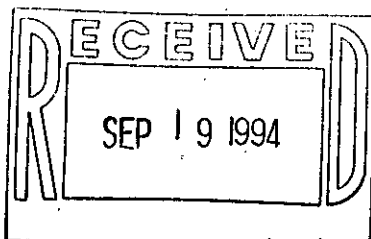
Invoice No. 67276
Purchase Order No.
Lease Name Roger #1
Date 9-11-94

Service and Materials as Follows:

Common 180 sks @\$5.75 \$1,035.00
Pozmix 120 sks @\$3.00 360.00
Gel 5 sks @\$9.00 45.00
Chloride 10 sks @\$25.00 250.00
\$1,690.00

Handling 300 sks @\$1.00 300.00
Mileage (5) @\$.04¢ per sk per mi 60.00
Surface 494.74
Oil @\$2.25 pmp trk chg 11.25
1 plug 42.00
907.99

519.59



Thank You!

Total \$ ~~2,597.99~~
2078.40

5304-112039

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter

RECEIVED
STATE CORPORATION COMMISSION

OCT 05 1994

CONSERVATION DIVISION

ALLIED CEMENTING COMPANY, INC.

913-483-2627

P. O. BOX 31

RUSSELL, KANSAS 67665

10/7

ORIGINAL

To: Graves Driling Co., Inc.
P. O. Box 8250
Wichita, KS 67208

Invoice No. 67279A
Purchase Order No. _____
Lease Name Roger #1
Date 9-13-94

Service and Materials as Follows:

Common 66 sks @\$5.75	\$379.50
Pozmix 44 sks @\$3.00	132.00
Gel 6 sks @\$9.00	<u>54.00</u>
Handling 110 sks @\$1.00	110.00
Mileage (minimum chg)	60.00
Rotary Plug	430.00
Mi @\$2.25 pmp trk chg	11.25
1 plug	<u>21.00</u>

\$ 565.50

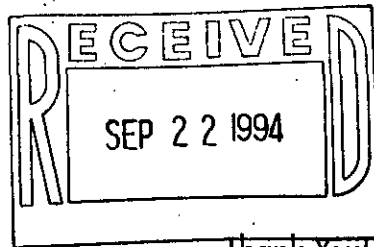
632.25

Total

\$1,197.75

958 20

239.55



Thank You!

5316 112039

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter

RECEIVED
STATE CORPORATION COMMISSION

OCT 05 1994

CONSERVATION DIVISION
WICHITA, KANSAS

EFFECTIVE DATE: 8-16-94

State of Kansas 15-007-22,452-00-00
NOTICE OF INTENTION TO DRILL

FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

DISTRICT 1
SGA7 Yes No

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date August 12, 1994
month day year

Spot NW NE Sec 36 Twp 31s S. Rg 13W
✓ C West

OPERATOR: License # 5428
Name: Graves Drilling Co., Inc.
Address: P.O. Box 8250
City/State/Zip: Wichita, KS 67208
Contact Person: Fredrick W. Stump
Phone: 687-2777

660 feet from South / North line of Section
1980 feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)

County: Barber
Lease Name: Roger Well #: 1
Field Name: Nurse Ext.

Is this a Prorated/Spaced Field? yes X no
Target Formation(s): Mississippian

Nearest lease or unit boundary: 660'
Ground Surface Elevation: 1508' feet MSL

Water well within one-quarter mile: yes X no
Public water supply well within one mile: yes X no

Depth to bottom of fresh water: 60'
Depth to bottom of usable water: 180'

Surface Pipe by Alternate: X 1
Length of Surface Pipe Planned to be set: (400') 200'

Length of Conductor pipe required: none
Projected Total Depth: 4300'

Formation at Total Depth: Mississippian
Water Source for Drilling Operations:

... well ... farm pond X other
DWR Permit #: ...

Will Cores Be Taken?: yes X no
If yes, proposed zone: ...

CONTRACTOR: License #: 5123
Name: Pickrell Drilling Co., Inc.

Well Drilled For: Well Class: Type Equipment:
X Oil ... Enh Rec ... X Infield ... X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OUVG ... Disposal ... Wildcat ... Cable
... Seismic: ... # of Holes ... Other

If OUVG: old well information as follows:
Operator: ...
Well Name: ...
Comp. Date: ... Old Total Depth

Directional, Deviated or Horizontal wellbore? yes X no
If yes, true vertical depth: ...
Bottom Hole Location: ...

AFFIDAVIT 200' Alt. I Req.

RECEIVED
STATE CORPORATION COMMISSION

Exp. 2/11/95

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-

Pusher Boyle Falkert
SPUD DATE 9-6-94 INIT. R.L.
LENGTH SURFACE PLANNED 463 85%
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 8 1/8 @ 463 CONDUCTOR
ANHYDRITE T- B- 600 ELEVATION
TD 4220 FORMATION MIS
RAN PIPE @ DV TOOL ALT II DONE
SX Y N
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ Ft. W/ SX
1/2 Base Anyh. @ 650 Ft. W/ 40 SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 490 Ft. W/ 50 SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W 10 SX MOUSE HOLE W/ SX
WATER WELL SX (Irr. Well Pond X)
Hauling
TECHNICIAN SWAG DATE 9-12-94
TYPE OF CEMENT 60/40 DATE 9-13-94
STARTING TIME 11:30 (AM/PM) DATE 9-14-94
COMPLETION TIME 9:30 (AM/PM) DATE 9-14-94
CEMENT COMPANIES

RECEIVED
STATE CORPORATION COMMISSION