

To: 1 120609
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

8-15
API NUMBER 15-185-22,793-0000
C SE SE, SEC. 4, T 22 S, R 12 W/EX

TECHNICIAN'S PLUGGING REPORT

Operator License # 30774
Operator: Energy Operating Company, Inc.
Name & Address: 621 17th St., Suite 845
Denver, CO 80293

660 feet from S section line
660 feet from E section line
Lease Name Schrader Well # 4-16
County Stafford 120.90
Well Total Depth 3720 feet
Conductor Pipe: Size _____ feet
Surface Casing: Size 8 5/8 feet 311

Abandoned Oil Well _____ Gas Well _____ Input Well _____ SWD Well _____ D&A X
Other well as hereinafter indicated _____

Plugging Contractor Duke Drilling Company, Inc. License Number 5929
Address 310 W. Central, Wichita, KS 67202

Company to plug at: Hour: 9 a.m. Day: 15 Month: 8 Year: 19 91

Plugging proposal received from John Armbruster
(company name) Duke Drilling Company (phone) 316-267-1331

work: to fill hole with heavy mud and spot cement through drill pipe Anhydrite 660-682'
1st plug at 3656' with 50 sx cement, 2nd plug at 680' with 50 sx cement,
3rd plug at 340' with 50 sx cement, 4th plug at 40' with 10 sx cement,
5th plug to circulate rathole with 15 sx cement,
6th plug to circulate mousehole with 10 sx cement.

Plugging Proposal Received by Dick Kapp
(TECHNICIAN)

Plugging Operations attended by Agent?: All X Part _____ None _____

Operations Completed: Hour: 1:45 p.m. Day: 15 Month: 8 Year: 19 91

ACTUAL PLUGGING REPORT 1st plug at 3656' with 50 sx cement,
2nd plug at 680' with 50 sx cement,
3rd plug at 340' with 50 sx cement,
4th plug at 40' with 10 sx cement,
5th plug to circulate rathole with 15 sx cement,
6th plug to circulate mousehole with 10 sx cement.

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Remarks: Used 60/40 Pozmix 6% gel by Allied.

INVOICED (If additional description is necessary, use BACK of this form.)

I (did / ~~did not~~) observe this plugging.

DATE 9-5-91
INV. NO. 32937

Signed [Signature]
(TECHNICIAN)

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 8-13-91

State of Kansas

15-185-22,793-0000

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED

DISTRICT # 1
SEAL Yes No

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date August 8, 1991
month day year

Spot C SE SE Sec 4 Twp 22 S, Rg 12 East West

OPERATOR: License # 30774
Name: ENERGY OPERATING COMPANY, INC.
Address: 621 17th Street, Suite 845
City/State/Zip: Denver, Colorado 80293
Contact Person: Pat Keating
Phone: 303/392-1224

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

CONTRACTOR: License # 5929
Name: DUKE DRILLING CO., INC.

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Stafford
Lease Name: Schrader Well # 4-16
Field Name: Unknown

Well Drilled For: Well Class: Type Equipment:

X. Oil ... Enh Rec Infield Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWD ... Disposal ... Wildcat ... Cable
... Seismic: ... # of Holes ... Other AUG

Is this a Prorated/Spaced Field? ... yes no
Target Formation(s): Simpson, Arbuckle
Nearest lease or unit boundary: 660'
Ground Surface Elevation: 1857 feet MSL

If OWD: old well information as follows:

Operator: _____
Well Name: _____
Comp. Date: _____ Old Total Depth _____

Water well within one-quarter mile: ... yes no
Public water supply well within one mile: ... yes no
Depth to bottom of fresh water: 120'
Depth to bottom of usable water: 220'
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 240'
Length of Conductor pipe required: N/A
Projected Total Depth: 3700'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations: _____ well _____ farm pond other

Directional, Deviated or Horizontal wellbore? ... yes no

If yes, true vertical depth: _____

Bottom Hole Location: _____

Exp. 2/8/92

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STATE COMMISSION

If yes, proposed zone: _____

AUG 19 1991 240' Alt. I Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

It is agreed that the following minimum requirements will be met:

Pusher John
SPUD DATE 8-9-91 INIT. CA
LENGTH SURFACE PLANNED 240'
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 3 1/4" CONDUCTOR
ANHYDRITE T- 660 B- 682 ELEVATION
TD 3720 FORMATION Arb.
TOP Arb = 3654
RAN PIPE @ SX DV TOOL ALT II DONE
@ SX Y N
2 1/2 Arbuckle Plug @ 3656 Ft. W/ 50 SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 680 Ft. W/ 50 SX
1/2 Base Anhy. @ Ft. W/ SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 340 Ft. W/ 50 SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W 1 1/2 SX MOUSE HOLE W/ 1 1/2 SX
WATER WELL SX (Irr. Well Pond)
TECHNICIAN D.H. DATE 8-15-91 Hauling
TYPE OF CEMENT 60/40/670 gnl
STARTING TIME 9:00 (AM/PM) DATE 8-15-91
COMPLETION TIME 1:45 (AM/PM) DATE 8-15-91
CEMENT COMPANY Rankin sealed at Plugging.