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

API NUMBER 15- 067-21,112-0000  
App. W/2 SW NE, SEC. 31, T 29 S, R 38 W/E

3278.3 feet from S section line  
2310.9 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 5398

Lease Name Elmer Johnson Well # 1

Operator: Arco Oil & Gas Company  
Name & Address: P.O. Box 1610  
Midland, TX 79702

County Grant 188.50  
Well Total Depth 5800 feet  
Conductor Pipe: Size \_\_\_\_\_ feet  
Surface Casing: Size 8 5/8 feet 1800

Abandoned Oil Well \_\_\_\_\_ Gas Well \_\_\_\_\_ Input Well \_\_\_\_\_ SWD Well \_\_\_\_\_ D&A X \_\_\_\_\_

Other well as hereinafter indicated \_\_\_\_\_

Plugging Contractor H-30 Drilling, Inc. License Number 5107

Address 251 N. Water, #10, Wichita, KS 67202

Company to plug at: Hour: 4 a.m. Day: 4 Month: 1 Year: 19 91

Plugging proposal received from Robert Schering

(company name) H-30 Drilling, Inc. (phone) 316-263-2043

were: to fill hole with heavy mud and spot cement through drill pipe

1st plug at 5200' with 100 sx cement, 2nd plug at 2700' with 100 sx cement,  
3rd plug at 2360' with 100 sx cement, 4th plug at 1830' with 50 sx cement,  
5th plug at 750' with 150 sx cement, 6th plug at 40-0' with 25 sx cement,  
7th plug to circulate rathole with 15 sx cement, 8th plug to circulate mousehole with  
10 sx cement.

Plugging Proposal Received by Steve Durrant (TECHNICIAN)

Plugging Operations attended by Agent?: All \_\_\_\_\_ Part \_\_\_\_\_ None X \_\_\_\_\_

Operations Completed: Hour: 9 a.m. Day: 4 Month: 1 Year: 19 91

ACTUAL PLUGGING REPORT 1st plug at 5200' with 100 sx cement, (Class H cement),  
2nd plug at 2700' with 100 sx cement (Class C cement),  
3rd plug at 2360' with 100 sx cement,  
4th plug at 1830' with 50 sx cement,  
5th plug at 750' with 150 sx cement, 6th plug at 40-0' with 25 sx cement,  
7th plug to circulate rathole with 15 sx cement, 8th plug to circulate mousehole with 10  
sx cement.

Remarks: Used Class C & Class H cement by Halliburton.

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

INVOICED (X) did not observe this plugging.

DATE 2-8-91

Signed Steve Durrant (TECHNICIAN)

INV. NO. 30633

EFFECTIVE DATE: 12-11-90

FORM MUST BE TYPED  
FORM C-1 4/90

State of Kansas 067-21,112-0000

FORM MUST BE SIGNED  
ALL BLANKS MUST BE FILLED

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date 12 12 90  
month day year

W/2 SW NE. Sec 31. Twp 29. S, Rg 38. East West

OPERATOR: License # 5398  
Name: Arco Oil & Gas Company  
Address: P.O. Box 1610  
City/State/Zip: Midland, TX 79702  
Contact Person: Ken W. Cosnell  
Phone: 915 688-5672

3278.3 feet from South line of Section  
2310.9 feet from East line of Section  
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: NA  
Name: H-30 Drilling

County: Grant  
Lease Name: Elmer Johnson Well #: 1  
Field Name: Big Bow  
Is this a Prorated Field? X yes no

Well Drilled For: Well Class: Type Equipment:  
X Oil Inj Infield X Mud Rotary  
Gas Storage X Pool Ext Air Rotary  
OWWO Disposal Wildcat Cable  
Seismic; # of Holes

Target Formation(s): St. Louis  
Nearest lease or unit boundary: 330  
Ground Surface Elevation: 3433.1 feet MSL  
Domestic well within 330 feet: X yes no  
Municipal well within one mile: X yes no  
Depth to bottom of fresh water: 400'  
Depth to bottom of usable water: 575'  
Surface Pipe by Alternate: X 1 2  
Length of Surface Pipe Planned to be set: 1800  
Length of Conductor pipe required: NONE  
Projected Total Depth: 5800  
Formation at Total Depth: St. Louis  
Water Source for Drilling Operations: X well farm pond other

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

Directional, Deviated or Horizontal wellbore? yes X no  
If yes, total depth location:

DWR Permit #:  
Will Cores Be Taken? yes X no  
If yes, proposed zone:

Exp. 6/6/91

AFFIDAVIT

600' Alt. I Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-104, et. seq.

Pusher Robert Schreins

SPUD DATE 12-29-90 INIT. R.L

LENGTH SURFACE PLANNED 1800 8 3/4

RESERVE PIT STATUS- REMOVE FLUID LINED  
after salt sect. bbls. when done bbls.

RATHOLED AHEAD? Y N SIZE HOLE  
SURFACE PIPE 8 7/8 @ 1800 CONDUCTOR  
ANHYDRITE T- B- ELEVATION

TD 5800 FORMATION St. Louis

RAN PIPE @ DV TOOL ALT II DONE  
SX Y N

1 Arbuckle Plug @ 5200 Ft. W/ 100 SX  
Class A

2 Hug./Council @ 2700 Ft. W/ 100 SX  
Class C

3 Anhydrite Base @ 2360 Ft. W/ 100 SX

4 1/2 Base Anyh. @ 1830 Ft. W/ 50 SX

5 1/2 Plug @ 750-0 Ft. W/ 150 SX

6 Bottom Surface @ 40-0 Ft. W/ 25 SX

40' Plug Ft. W/ SX

RAT HOLE C/W/ MOUSE HOLE W/2 SX

WATER WELL (Tire Well Pond Hauling)

TECHNICIAN SD DATE 12-31-90

TYPE OF CEMENT Class 4

STARTING TIME 4:00 (AM/PM) DATE 1-4-90

COMPLETION TIME 9:00 (AM/PM) DATE 1-4-90

CEMENT COMPANY Hollyhambore

STATE CORPORATION COMMISSION  
DIVISION