

STATE OF KANSAS
STATE CORPORATION COMMISSION
130 S. Market, Room 2078
Wichita, KS 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-051-24790 0001

LEASE NAME Johansen-Schmeidler

WELL NUMBER A No. 9

TYPE OR PRINT
NOTICE: Fill out completely and return
to Cons. Div. office within 30 days.

990 Ft. from S (N) Line of Section (circle one)

660 Ft. from (E/W) Line of Section (circle one)

LEASE OPERATOR Liberty Operations & Completions, Inc

SPOT LOCATION C - S/2 - NE - NE

ADDRESS 308 W Mill

SEC. 22 TWP. 11 S. RGE 17 (E) or (W)

CITY, STATE, ZIP Plainville, Ks. 67663

COUNTY Ellis

PHONE# (913) 434-4686 OPERATORS LICENSE NO. 8925

Date Well Completed 9-7-93

Character of Well Oil
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Date Plugging Commenced 12/16/96

Date Plugging Completed 12/16/96

The plugging proposal was approved on 12/11/96 Eng. Carl Goodrow (date)

by _____ (KCC District Agent's Name)

Is ACO-1 filed? yes If not, is well log attached? yes

Producing Formation(s) Arbuckle Depth to Top 3578 Bottom NA T.D. 3494

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS Tested KC & Topeka Non-Commercial

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULL OUT
Arbuckle	Dolomite @	3378		8 5/8"	341'	0
Base KC	L.S. @	3320		5 1/2 x 14#	3493	0
Top KC	L.S. @	3088				
Toronto	L.S @	3066				

Described in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet each set.

DV tool @ 1142 - csg annulus full - pressure annulus to 500# - no movement. cement down casing w/215 sx 60/40 poz. - 10% gel, pressure to 1000# instant shut in 600# (csg full) of cement. No junk in hole.

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

Name of Plugging Contractor Allied Cementing Co.

License No. N.A.

Address Russell, Kansas

RCW
12-18-96

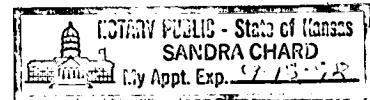
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Liberty Operations & Completions, Inc.

STATE OF Kansas COUNTY OF Ellis, ss.

Charles D Farr (Employee of Operator or (Operator) of above-described well, being first duty sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Charles D. Farr

(Address) Hays Ks. 67601



SUBSCRIBED AND SWORN TO before me this 17 day of December, 19 96

Sandra Chard
Notary Public

My Commission Expires: 9/13/98

September 7, 1993

CHRONOLOGICAL WELL REPORT

PAGE: 2
G8MH

OXY USA INC., JOHANSEN "A" #9
ELLIS, KS WSN: 1304150

DRL'D TO RTD OF 3493' @ 3:05 AM 3/24/92. CIRC'D 1 HR. MADE
SHORT TRIP TO 2569'. CIRC'D 1 HR ON BOTTOM. POOH W/ DT'S.
RU LOGGERS AT REPORT TIME.

GEOLOGIST TOPS:

TORONTO 3066 (-1171)
LANSING 3088 (-1194)
BASE OF KC 3320 (-1462)
TOP ARBUCKLE 3376 (-1482)

CMIC D. SHELDEN; DAILY COST \$ 4,255; CUM COST \$ 30,667;

3/25/92

PR OPNS: WOC;

FORM: LOWER ARBUCKLE;

MD 3,494; PBDT 3,480; DSS 6; DOL 6;

*** DROP FROM REPORT PENDING COMPLETION ***;

MW 9.2; FV 45; PH 10; WL 10.8; CHL 7000; SLD % 6;

CASING 5.5; @ 3,493;

ACTIVITY SUMMARY:

RU ATLAS WL. RAN DUEL INDUCTION FOCUSED LOG W/ GR,
COMPENSATED Z DENSILOG/NEUTRON W/ MINILOG AND GR AND
DIELECTRIC. RIH W/ DRILL STRING. CIRC'D 1 HR. LD DRILL
PIPE. RAN 5-1/2 14# CSG (3487') AS FOLLOWS: 10' SHOE JT W/
FLOAT SHOE & BAFFLE PLATE; CENTRALIZERS ON 1ST, 3RD, 5TH,
7TH, 9TH, 11TH, 13TH, AND 16TH JTS; DV ON TOP OF 56TH JT (@
1142') W/ A BASKET BELOW AND CENTRALIZERS ABOVE AND BELOW.
SET PIPE @ 3493'. ROTATED CSG & CIRC'D 2 HRS. PUMPED 40
BBLs SALT WTR S/ 1 SK DESCO IN 1ST 20 BBLs, 500 GAL SUPER
FLUSH "K", 3 BBLs FRESH WTR. PUMPED 50 SX 50/50 POZ
W/ 2% GEL, 10% SALT, 1.5% HALAD-322 & 1/4#SK FLOCELE.
FOLLOWED W/ 125 SX CLASS "A" W/ 1% HALAD-322 & 1/4#/SK
FLOCELE. PUMPED PLUG @ 8 BPM. PRESSURED PLUG TO 1000 PSI TO
VERIFY CSG INTEGRITY. OPENED DV TOOL. CIRC'D 1 HR. CMT'D
SECOND STAGE W/ 225 SX HLC CONTAINING 1/4#/SK FLOCELE.
CIRC'D CMT. DV CLOSED @ 5:45 AM 3-25-92. PLUGGED RAT HOLE W/
20 SX HLC. SET CSG IN SLIPS. RELEASED RIG @ 6:00 AM
3-25-92.

CMIC D. SHELDEN; DAILY COST \$ 43,221; CUM COST \$ 73,888;

4/1/92

PR OPNS: PREPARING TO BOND LOG.;

FORM: LOWER ARBUCKLE;

PBDT 3,477; MTD 3,494; DSS 13; DOL 13;

CASING 5.5; @ 3,493;

ACTIVITY SUMMARY:

LEVELED LOCATION, WELDED SLIP COLLAR, SET SWAB TANK. RU
JW GIBSON RIG #111. RECEIVED FROM OKC STOCK 3550' 2-7/8" A
GRADE TBG. RAN NEW 4-7/8" BIT, 4-7/8" CSG SCRAPER ON 3 -
3-1/2" DRILL COLLARS. RU GOLDEN B HYDRODRILL. TAGGED DV
TOOL @ 1141'. DRILLED AND REAMED THROUGH DV. RAN BIT TO
PBDT OF 3477'. CIRC'D HOLE CLEAN. PRESS TESTED 5-1/2" FROM

RCW
12-09-96