

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

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COLO. OIL & GAS CON.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 International Nuclear Corp.

3. ADDRESS OF OPERATOR
 200 National Foundation Life Bldg., Okla. City, Okla.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 660' FNL & 1980' FEL of Sec. 15 73112
 At proposed prod. zone *NW NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 2-1/4 Miles South of Brandon, Colorado

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 660'
 16. NO. OF ACRES IN LEASE * 40

17. NO. OF ACRES ASSIGNED TO THIS WELL
 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4135
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3913 GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13-3/8"		181'	180 sx
12 1/4"	8-5/8"	24#	1200'	600 sx
7-7/8"	5-1/2"	14#	4100'	550 sx

DVR	
FJP	✓
HMM	✓
JAM	✓
JJD	<i>plotted 8/23/69</i>

* DESCRIBE LEASE
 NW/4 NE/4 Section 15-19S-45W

The U.S. Government No. 1, NW NE Section 15-19S-45W, was plugged and abandoned in May, 1962 after being drilled to a total depth of 4135'. The well is presently cased with 13-3/8" casing to a depth of 181'. It is proposed to clean out the hole to approximately 4100'. An intermediate string of 8-5/8" casing will be set at a depth sufficient to protect all potential sources of potable water. A string of 5 1/2" casing will be set at 4100' and cemented with 275 sx through the shoe and with 275 sx through a stage cementing collar at 3000'. It is proposed to inject water into the following intervals:

Topeka: 3550-64'; Lansing: 3600-04'; 3610-14'; 3638-48'; 3672-76'; 3745-52'; 3916-20'; 3932-38'; Marmaton: 4026'-30'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Arvin C. Simmons TITLE Div. Mgr. - Drlg. & Operations DATE Sept. 15, 1969

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: