

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMERADA HESS CORPORATION; ATTN: MIKE JUMPER

3. Address and Telephone No.

P.O. BOX 2040, HOUSTON, TEXAS 77252

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

970' FNL & 800 FEL

5. Lease Designation and Serial No.

JIC 149

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

JICARILLA APACHE F

8. Well Name and No.

16

9. API Well No.

30-039-25256

10. Field and Pool, or Exploratory Area

DAKOTA SAND

11. County or Parish, State

17-25N-5W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☒ Altering Casing  
☐ Other

- ☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	350'	290 SX
7-7/8"	5-1/2"	15.5#	7300'	1580 SX

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SEP 21 1994

CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Mike Jumper

Title SUPERVISOR DRLG. SVS.

Date 08-24-94

(This space for Federal or State office use)

Approved by Robert A. Kent  
Conditions of approval, if any:

Acting Chief, Lands and Mineral Resources  
Title

Date SEP 19 1994

EXHIBIT C  
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DRILLING PROGRAM

COMPANY: AMERADA HESS CORPORATION

WELL: JICARILLA APACHE #F-16

WELL LOCATION: SECTION 17-T25N-R5W  
RIO ARriba CO., NEW MEXICO

1. Geological name of surface formation: Dakota Sand

ANTICIPATED FORMATION TOPS

<u>Formation</u>	<u>Depth</u>
A. Fruitland	2,450
B. Pictured Cliffs	2,810
C. Chacra	3,700
D. Mesa Verde	4,480
E. Gallup	6,200
F. Graneros	7,040
G. Dakota	7,200

2. Estimated depths of anticipated water, oil, gas or other mineral bearing formations that are expected to be encountered:

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
A. Freshwater	Above 300'	
B. Ojo Alamo	1,556'	Gas
C. Fruitland	2,450'	Gas
D. Dakota	7,200'	Gas

3. The operator's minimum specifications for pressure:

Operator's minimum specification for pressure control, Exhibit H, is a schematic diagram of the BOP stack. Ram type preventers will be tested to the rated working pressure of the stack of to 70% of the minimum internal yield of the casing, whichever is less. Annular-type preventers will be tested to 50% of their working pressure. Tests will be run at the time of installation, prior to drilling out of each casing shoe and at least every 14 days or first trip out of hole after 14 days since previous pressure test. Pipe rams will be operationally checked each 24 hour period and blind rams with annular preventer each time pipe is pulled out of hole. Accessories to the BOP's include an upper and lower kelly valve with handle, floor safety valve, remote control panel, accumulator (Exhibit G), drill string and choke manifold (Exhibit J) with pressure rating equivalent to the BOP stack. The accumulator shall have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above the pre-charge on the closing manifold without the use of the closing unit pumps. There will be a fill up line above the annular preventer which is the uppermost preventer into the drilling nipple. BHP at T.D. is  $\pm 2000$  psi.

4. The proposed Casing and Cementing Program:

A. CASING PROGRAM

<u>CASING</u>	<u>HOLE SIZE</u>	<u>CSG SIZE</u>	<u>WT/FT</u>	<u>GRADE</u>	<u>CPLG</u>	<u>SETTING DEPTH</u>	<u>COND</u>
Surface	12-1/4"	8-5/8"	24	K-55	8RS	350'±	New
Prod.	7-7/8"	5-1/2"	15.5	K-55	8RS	7300'±	New

Both surface and production casing will be cemented back to surface and both strings of casing will be tested to 1000 psi.

Surface casing cement will be circulated back to surface. (100% excess)  
Production casing will be cemented from TD to surface. (30% excess over caliper log)

B. CEMENTING PROGRAM

Surface Casing: 8-5/8" @ 350'± Class "H" + 2%  $\text{CaCl}_2$  + 1/4#/sx celloflake, 12-1/4" x 8-5/8" (0.4127 cu ft/ft) (350')(100% excess)=290 sx.

Production Casing: 5-1/2" @ 7300'±, two stage w/DV tool @ 3500'

Both stages will be cemented as follows:

Lead = 450 sxs 50/50 POZMIX + 6% Gel + 0.6% Retarder

Tail in = 340 sxs Class "H" + 10%  $\text{CaCl}_2$

7-7/8" x 5-1/2" (0.1733 cu ft/ft)(6900')(30% excess) = 1580 sxs

DRILLING PROGRAM  
Jicarilla Apache #F-16  
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5. Type and characteristics of the proposed circulating mud:

A. Mud Characteristics

<u>Depth</u>	<u>Mud Wt.</u>	<u>Vis</u>	<u>Ph</u>	<u>Weighting API STD</u>	<u>Material</u>
0'-350'	8.5-8.8	45	8-10	NC	Barite
350'-7,3900'	8.8-9.2	40-45	8-10	5-10	Barite

B. Mud Types

Fresh water gel mud will be used from surface to TD.

Auxiliary equipment to be used:

- A. A flow sensor will be in use to monitor circulating mud volumes from 350' to TD.
- B. There will be a fill up line above the annular preventer which is the uppermost preventer.

6. Testing, Logging and Coring programs to be followed:

- A. DST: None anticipated
- B. Cores: None anticipated
- C. Electric Logs: DUAL INDUCTION W/GAMMA RAY, SP BHC SONIC W/GAMMA RAY & CALIPER, COMPENSATED NEUTRON AND FORMATION DENSITY

7. Any anticipated abnormal pressures or temperatures expected:

There are no over pressured formations anticipated in this wellbore.

8. Anticipated starting date and duration of the operations:

Anticipated starting date:	09-01-94
Estimated duration of operation:	19 days for drilling 12 days for completion