

SUN EXPLORATION AND PRODUCTION COMPANY
SUN PRODUCTION DIVISION

CHAVES "A" FEDERAL #2
SEC. 17, T7S, R26E
660' FSL & 660' FEL

CHAVES "A" FEDERAL #3
SEC. 21, T7S, R26E
660' FNL & 660' FWL

CHAVES COUNTY, NEW MEXICO
FEDERAL LEASE #N.M. 022584

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Sun Production Division submits the following ten items of pertinent information in accordance with The Mineral Management Services requirements.

1. The geologic surface formation is: Quanternary
2. The estimated tops of geologic markers are as follows:

	#2	#3
San Andres	875'	880'
Abo	3835'	3880'

3. Anticipated hydrocarbon bearing zones:

	#2	#3
Abo	3835'	3880'

4. Proposed casing program for Chaves "A" Federal #2 and #3

Size	Footage	Grade	Wt/Ft
13-3/8	300	H-40	48 - new
8-5/8	1600	K-55	24 - new
5-1/2	5000	K-55	14 - new

- 5 & 7. Pressure control equipment: See attachment*

6. Type and mud system characteristics for Chaves "A" Federal #2 and #3

From	To	Wt(lbs/ft)	WL	Vis	Type Mud
0	300	8.5 - 9.5	NC	36-40	Spud mud
300	1600	8.5 - 10.0	NC	32-36	Fresh water gel, lime
1600	3600	9.5 - 10.0	NC	28-32	Cut brine lime
3600	5000	9.5 - 10.0	10	36-38	Cut brine, salt water, gel starch 3-5% Gel

8. Testing, logging and coring program

Logging: Schlumberger to log as follows:

Dual Lateral Log, Micro-Spherical Focus Log - from TD to casing
CNL/FDC log - from TD to surface

DST - None

Coring - None