TULSA

1976 NOV -1 PM 3:30

DRILLING SERVICES

AMERADA HESS CORPORATION

DRILLING WELL PROGNOSIS

DATE: 10/25/76

1. Well Name: State "P" #3
(Lse. #NM-673, Prop. #02303)

2. Location: 760' FSL and ~~660'~~ 535' FWL, Sec. 29, T19S, R37E
Lea County, New Mexico
Monument Grayburg San Andres Zone

3. Objective: Complete as a pumping oil well from the Grayburg San Andres Zone.

4. Proration Unit: SW, SW, SW Sec. 29, T19S, R37E - 40 Acres

5. Working Interest: AHC - 100%

6. Projected Depth: 3980', -360' Sub-Sea

7. Geological Data: Est. Elevation 3610' G.L. and 3620' D.F.

Elev. GR. 3699

Moved 125' W of Orig loc. to Drig due to line (Elect. Line)

Est. Tops	Depth	Datum
Red Beds	70'	+3550'
Top Anhydrite	1260'	+2360'
Base Salt	2410'	+1210'
Top Yates	2560'	+1060'
Top Pay	3810'	-190'
Total Depth	3980'	-360'

8. Sample Program: (None)

9. Drilling Time: An automatic drilling time recorder will be used.

10. Cores and Drill Stem Tests: (None)

11. E. Logs: 1.) Dual Laterolog and Gamma Ray (Max. 1500') 2" scale from total depth to intermediate casing, continue Gamma Ray only to surface. (Max. 1500') 5" scale from total depth to intermediate casing.

2.) Porosity Logs - Gamma Ray, compensated formation density with compensated Neutron, 5" scale from total depth to intermediate casing (1,500' Max.)
- Gamma Ray and Caliper, 5" scale from total depth to intermediate casing.

12. Log Distribution:

	Field Prints	Final Prints	Sepia & Film
Drilling Services	1		
Monument Office	1	3	

	Field Prints	Final Prints	Sepia & Film
Southwest Region Office (Seminole)	3	3	
Tech. Services (Tulsa)	2	1	1 each
Drilling Services (Tulsa)	1		
Geological (Tulsa)	1	1	
TOTAL	9	8	

Addresses:

Amerada Hess Corp.
P. O. Drawer "D"
Monument, New Mexico 88265

Amerada Hess Corp.
P. O. Drawer 817
Seminole, Texas 79360

Amerada Hess Corp.
P. O. Box 2040
Tulsa, Oklahoma 74102

13. Hole Size and Casing Program:

A.) Set 10 3/4" casing at ± 200' and cement to surface.

B.) Set 8 5/8" casing at ± 2470' and attempt to cement to surface.

C.) Drill 7 7/8" hole to T.D. (3980'), set 5 1/2" casing at T.D. and attempt to cement to surface in two (2) stages with DV tool at 2520', centralizers above and below. Use guide shoe on bottom and float collar two joints above. Use centralizers, scratchers and ruff coat through last six joints.

14. Mud Program: Have water loss to at least 7cc from 2560' to total depth. Other mud program natural of as required.

15. Cementing Program:

A.) Surface string (± 200')
Cement 10 3/4" casing to surface using Class C with 2% Calcium Cloride, tailing with 100 sacks of neat cement. Approx. 150 sx of cement.

B.) Intermediate String (± 2470')
Cement 8 5/8" casing to surface using light weight filler cement with 20% Sodium Cloride, tail in with 100 sacks neat cement. Approx. 400 sx of cement.

C.) Production string (T.D. ± 3980')
Pump 500 gallons mud flush ahead of cement. Cement 5 1/2" casing to surface in 2 stages. All stages to be filler cement with neat cement through pay zones. Circulations

and WOC times after first stage ± 6 - 8 hours.

16. Contacts:

Engineering: David R. Bertschinger (Office - 915-758-5801)
(Home - 505-392-8977)

David R. Bertschinger

David R. Bertschinger

GHG/By WBY

DRB/caw

Night Tulsa Telecopier 918 - 584-5620

Night Seminole Telecopier 915 - 758-3141

APPROVED BY R. G. Hodges

DATE APPROVED 2/20/76

Xc: J. R. Enloe
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File