

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 0199070-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amerada Hess

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Double L Queen

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 33, T14S, R30E

12. COUNTY OR PARISH

Chaves

13. STATE

N. Mex.

## 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

Charles W. Hicks

## 3. ADDRESS OF OPERATOR

1314 North Richardson, Roswell, New Mexico 88201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
660' FSL, 660' FWL Section 33, T-14-S, R-30-E  
At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

25 miles ESE of Hagerman, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 660'

## 16. NO. OF ACRES IN LEASE

1160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

2200'

## 20. ROTARY OR CABLE TOOLS

Cable tool &amp; rotary

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

3922.1' GR

## 22. APPROX. DATE WORK WILL START\*

May 15, 1975

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8"	28#	540'	Circulate
7 7/8"	4 1/2"	10#	2140'	100 sacks

Propose to drill to the top of the pay zone estimated at 2140', then run and cement 4 1/2" production string. Will drillin and complete open hole.

Will use well head controls.

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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 Charles W. HicksTITLE OperatorDATE May 5, 1975

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED  
MAY 2 1975  
K. L. BEEKING  
ACTING DISTRICT ENGINEER

DATE \_\_\_\_\_

APPROVAL IS EXTENDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES AUG 21 1975  
See Instructions On Reverse Side



MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

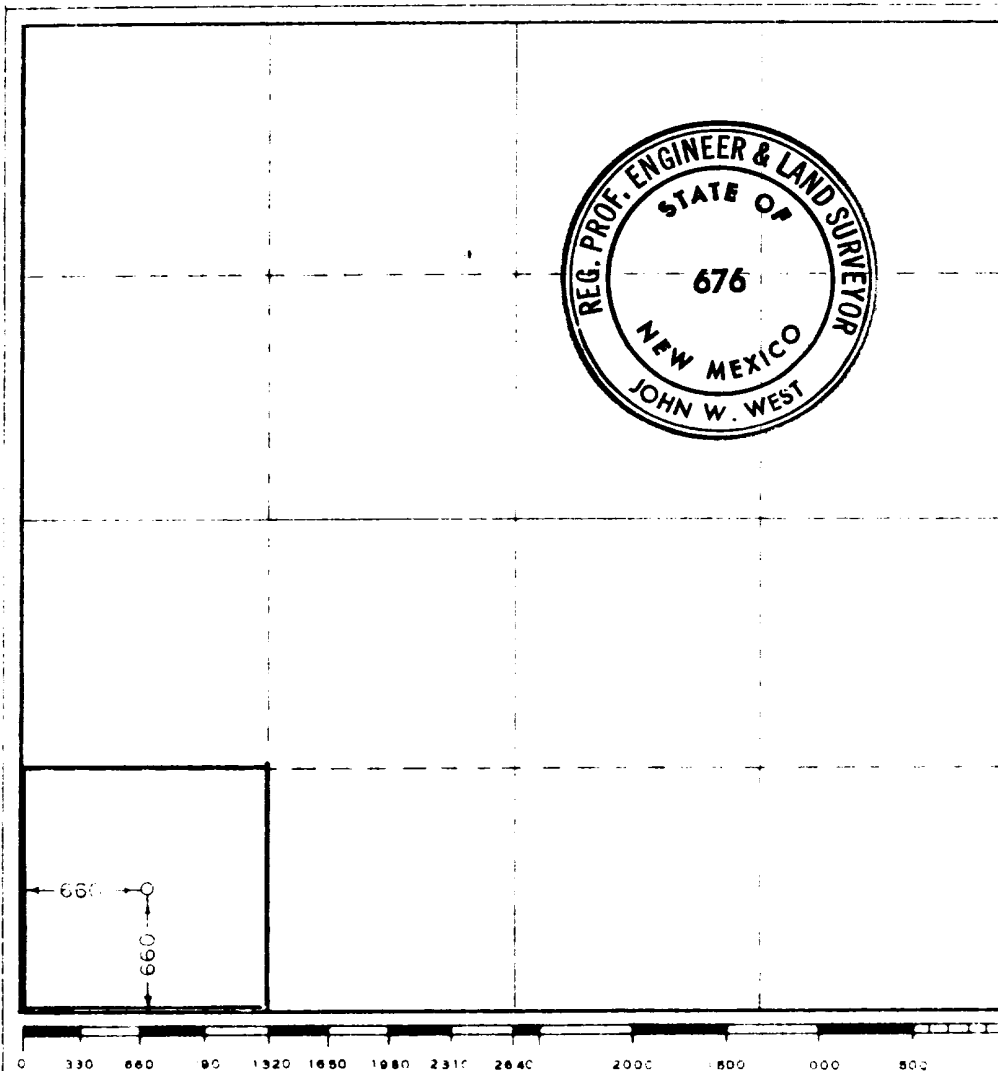
Owner <b>Charles W. Hix</b>		Lease <b>Amerada Hess</b>		Well No. <b>1</b>
Section <b>M</b>	Section <b>33</b>	Township <b>14 South</b>	Range <b>30 East</b>	County <b>Chaves</b>
Acres of the Location of Wells: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line				
Original Survey Elev. <b>3922.1</b>	Producing Formation <b>Queen</b>	Field <b>Double L Queen</b>	Estimated Acreage <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Charles W. Hicks*

Charles W. Hicks

May 5, 1975

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I hereby certify that the well location shown on **MAY 2 1975** was plotted from field notes of actual survey made by me or under my direction, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

April 30, 1975

Registered Professional Engineer and Land Surveyor

*John W. West*

Certificate No. 676



## SURFACE USE PLAN

AMERADA HESS FEDERAL #1  
660' FSL, 660' FWL Sec. 33, T-14-S, R-30-E  
Lease NM 0199070-A, Chaves Co., New Mexico

1. EXHIBIT "A" shows a portion of Southeast Chaves County, indicating the location of the proposed test relative to Highway 31 connecting Hagerman and Maljamar. Access road to the location is shown on both Exhibit "A" and "B" as existing and new road extension. The access road exits Highway 31 approximately 25 miles east of Hagerman.
2. WELL SITE
  - a. Pad size 200' X 200'. Exhibit "B".
  - b. Caliche will only be used if necessary.
  - c. Slush pit 8' X 35' north of well. Exhibit "B".
  - d. Will have ample room around pad without buffer zone.
  - e. Location is about level but will need to move a few sand dunes.
  - f. Cable tool rig will be setup east - west and on the west side of well location. Exhibit "B".
  - g. Enviroment consists of low lying sand dunes resting on tight red soil, slightly sandy. Sparce vegetation, some grass and chinery and mesquite clumps in the sand dunes. Surface leased for grazing and no evidence of artifacts.
  - h. There are no known surface waters within one-half mile and no windmills within one mile. There are no buildings, arroyos, canyons or hills within one-half mile.
  - i. A well sign will be posted on location as soon as the well is spudded.
  - j. The slush pit will be guarded or fenced.
3. ROADS

Existing and proposed roads are shown on Exhibit "B". The new road will be bladed from existing road to location and caliche will be used only if necessary. There are no gates or fences into the location except at the Highway exit which already has a cattleguard in the fence.
4. OIL AND GAS WELLS
  - a. There is a 2187' dry Queen test on this lease located 660' FNL and 1980' FEL, Section 33.
  - b. There is a producing gas well located diagonally Southwest about 1866'. There is a producing gas well due south about 3/4 mile and approximately 1 mile southwest in Section 5 there is another well. These are all rather weak producers. See Exhibits "A" and "B".
5. TANK BATTERY

In the event of production the tank battery will be located on the east side of the pad as shown on Exhibit "B".
6. FLOW LINES
  - a. There are no existing flow lines.
  - b. If production is encountered all lines will be laid on pad site.

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660' FSL, 660' FWL Sec. 33, T-14-S, R-30-E  
Lease NM 0199070-A, Chaves Co., New Mexico



7. WASTE DISPOSAL

Well cuttings will be disposed of in slush pit. Barrels for garbage and trash will be on location during drilling and completion. Waste will be burned, hauled off or buried at least 24" deep. If well is productive, maintenance waste will be hauled to disposal. Produced water, if any, will be collected and hauled to an approved disposal system.

8. WATER SUPPLY

Water will be hauled from nearest economical source.

9. RESTORATION OF SURFACE

If productive, pits will be backfilled and leveled as soon as practical. If well is to be P & A the site will be leveled and cleared and restored as nearly as practical to its original condition.

10. SURFACE USE NOT COVERED BY THIS PLAN

If additional surface use is necessary, an amended plan will be submitted to the Survey for approval after clearance from the appropriate surface agency.

11. PLAN POSTED

A copy of the approved Drilling Permit and Surface Use Plan will be posted at the drill site.

12. FIELD REPRESENTATIVES

Personnel to be contacted concerning drilling operations and surface use plan.

DRILLING AND PRODUCTION

George Chase DBA Chase Well Service  
P.O. Box 637  
Artesia, New Mexico 88201  
Telephone - 746-2640

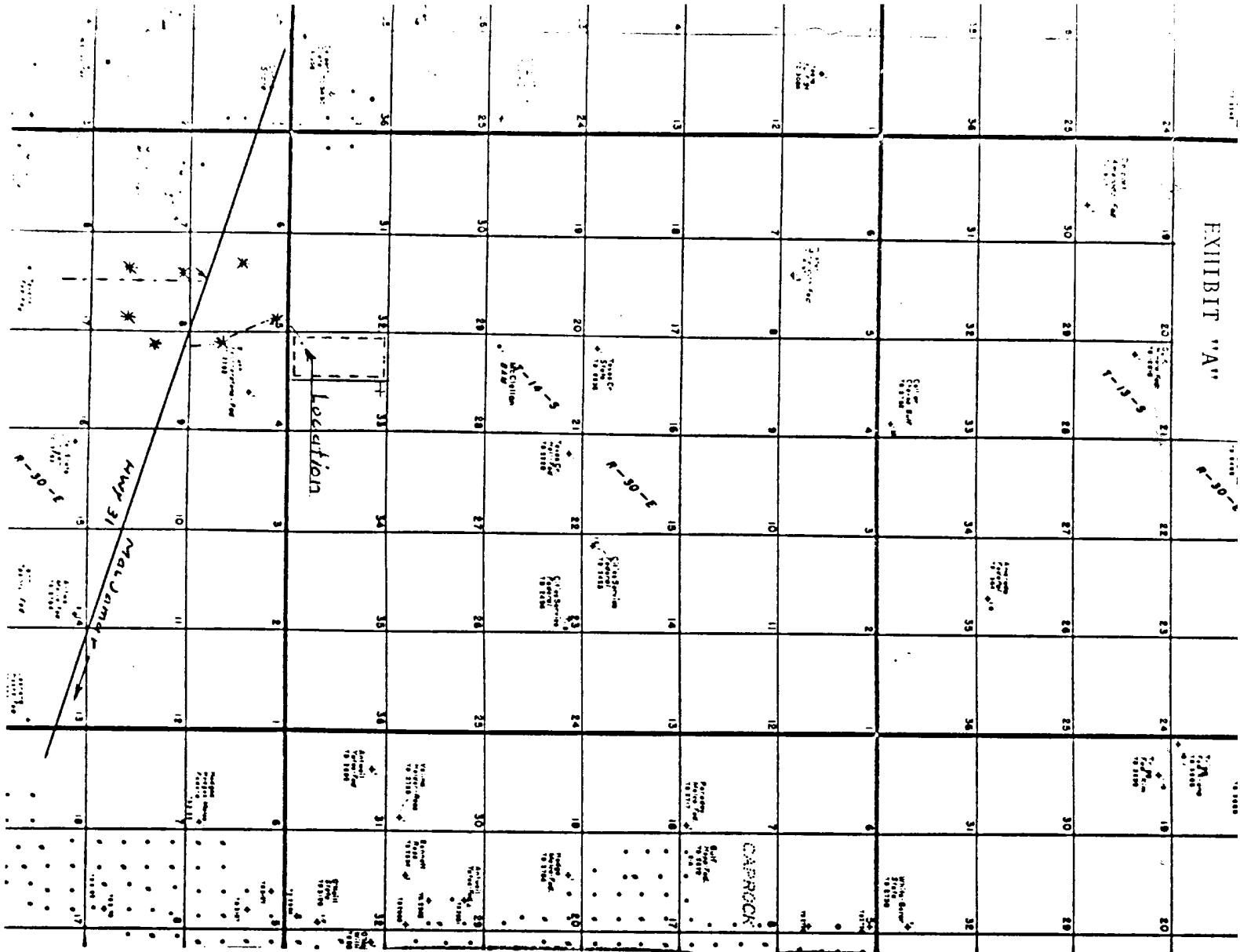
OPERATOR

Charles W. Hicks  
1314 North Richardson  
Roswell, New Mexico 88201  
Telephone - 623-2432 Office  
Telephone - 622-8063 Residence





EXHIBIT "A"



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