

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

31 11 1976

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.  
2

10. FIELD AND POOL, OR WILDCAT  
Vest Ranch Queen Assoc.  
Double L Queen

11. SEC., T., R., M., OR S.E.K.  
AND SURVEY OR AREA  
Sec. 33, T-14-S, R-30-E

12. COUNTY OR PARISH  
Chaves

18. STATE  
N. Mex.

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  
Charles W. Hicks

3. ADDRESS OF OPERATOR  
1314 No. Richardson, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
1980' FNL, 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

16. 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.	2640'	19. PROPOSED DEPTH	2200'	20. ROTARY OR CABLE TOOLS	Cable tool & rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	3914' GR	22. APPROX. DATE WORK WILL START*		May, 1976	

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#	460'	Circulate
7 7/8"	4 1/2"	10#	2140'	100 sacks

Propose to drill 10" hole to 460', set and cement 8 5/8" casing, will circulate cement. Will drill out with 7 7/8" bit and drill to top of Queen pay zone estimated at 2120' and set and cement 4 1/2" casing. Intend to drill in pay zone with reverse circulating equipment and run logs.  
 Will use well control equipment.

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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. Hicks TITLE Operator DATE April 15, 1976

(This space for Federal or State office use)

APPROVED BY  
MAY 5 1976  
T. L. BEEKMAN  
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS.  
EXPIRES AUG 5 1976  
See Instructions On Reverse Side

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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U.S. CONSERVATION COMMISSION  
WASHINGTON, D. C.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

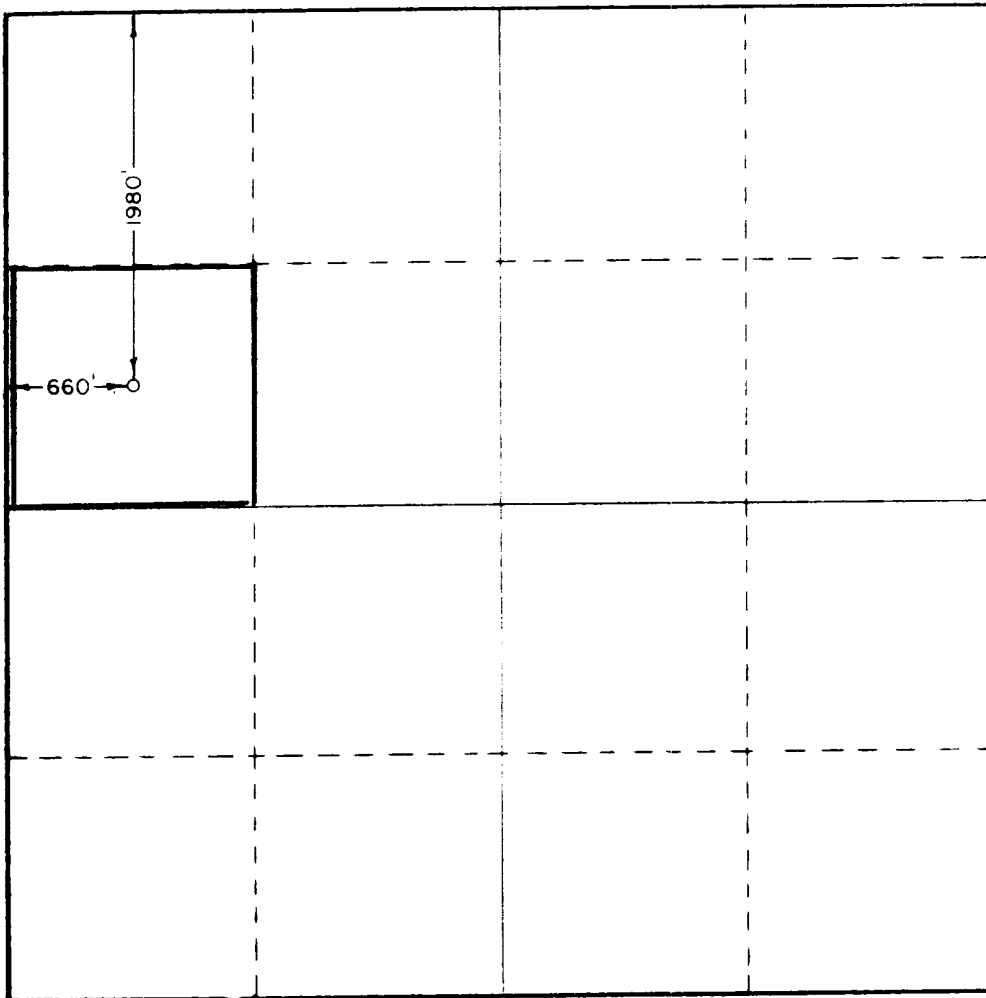
Operator <b>CHARLES W. <del>Hess</del> Hicks</b>		Lease <b>AMERADA HESS</b>			Well No. <b>2</b>
Unit Letter: <b>E</b>	Section <b>33</b>	Township <b>14 SOUTH</b>	Range <b>30 EAST</b>	County <b>CHAVES</b>	
Actual Fracture Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3913.7</b>	Producing Formation <b>Queen</b>		Pool <b>Vest Ranch Queen Assoc.</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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*

Name  
**Charles W. Hicks**

Position  
**Operator**

Company

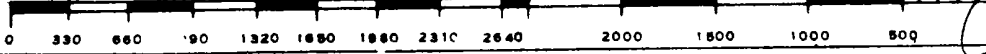
Date  
**April 21, 1976**

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**APR 23 1976**  
I hereby certify that the location shown on this plat is plotted from field U.S. Geological Survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**APRIL 7, 1976**

Registered Professional Engineer and Land Surveyor  
**676**

Certification  
**JOHN W. WEST**



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CONSERVATION COMMISSION  
1974

## SURFACE USE PLAN

AMERADA HESS #2  
1980' FNL, 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 150' X 150'. 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 setup east-west and on the west side of well location. Exhibit "B".
  - g. Environment consists of low lying sand dunes resting on tight red soil, slightly sandy. Sparse 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 follow the pipeline right-of-way due north one-half mile from the Amerada Hess #1 located in the SWSW of Section 33 to the SWNW as shown on Exhibit "B". 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 one-half mile due south and another gas well northwest one-half mile. Also, a gas well is located three-fourths mile south southwest. 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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HOBBES B. H.

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

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ROBERT H. M.

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MAY 7 1976

CHE CONSERVATION COMM.  
HORRS. N. M.

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MAY 6 1976

CHE. C.  
OFFICE