

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond Released
State or Fee Land

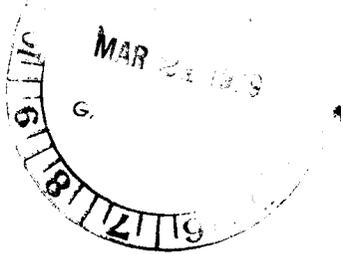
LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic
CBLog..... CCLog..... Others.....

M

AMERADA HESS CORPORATION

SUITE 850 - DRAVO PLAZA BUILDING
1250 14TH STREET
DENVER, COLORADO 80202
303-534-4930
303-534-4940



March 19, 1979

RE: Amerada Hess Corporation
Snake Valley #1
C NE Section 28
T17S-R19W
Millard County, Utah

State of Utah
Department of Natural Resources
Utah Oil, Gas and Mining Division
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Director - Department of Natural Resources

Dear Sir:

Amerada Hess requests that all logs distributed to you on the above captioned well be classified "CONFIDENTIAL" for a six (6) month period.

Thank you.

AMERADA HESS CORPORATION
Denver Region

H. H. Odiorne
Geological Supervisor

Approval: E. P. Riker
E. P. Riker
Regional Manager

Date: 3/19/79

CONFIDENTIAL
CONFIDENTIAL

AMERADA HESS CORPORATION

April 6, 1979

CONFIDENTIAL

P. O. BOX 2040
TULSA, OKLAHOMA 74102
918-584-5554

State of Utah
Department of Natural Resources
Oil and Gas Division
1588 West North Temple
Salt Lake City, Utah 84116

RE: Lease serial number U-35089
Amerada Hess Corporation-Federal 1-28,
Wildcat, located in Section 28, T17S,
R19W, Millard County, Utah.

Dear Sir:

Enclosed herewith you will find four (4) copies of U.S.G.S. form 9-331C
"Application for Permit to Drill" in Millard County, Utah. Necessary forms
have been filed with U.S.G.S in Salt Lake City and with the BLM in Fillmore,
Utah.

Very truly yours,



H. O. Porter
Supervisor Drilling,
Administrative Services

HOP: dc
Attachments



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Amerada Hess Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2040, Tulsa, Oklahoma 74102

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

At surface

1291.58' FEL, 1310' FNL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APR 9 1979

Approx. 10 miles South, Gandy, Utah

15. DISTANCE FROM PROPOSED*

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

1310'

16. NO. OF ACRES IN LEASE

2560'

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

8500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (SHOW WHETHER DE, RT, GR, etc.)

GR 4865

22. APPROX. DATE WORK WILL START*

5-15-79

23.

(NEW)

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32#	1000'±	900 sx.
8 3/4"	7"	33.7#	8500'±	1000 sx.

1. Anticipated drill stem tests: DST all valid shows:

2. Logging Program: DIL - TD to surface
BHC-Sonic/GR/Caliper - TD to surface
FDC-CNL w/GR/Caliper - TD to casing
Dipmeter - TD to surface

EXHIBITS ATTACHED

1. Multipoint requirements for APD
 - a. Proposed location
 - b. Access roads
 - c. Facility layout
 - d. Proposed drilling pad layout
 - e. Rig layout
2. 10 Point requirements (a) BOP protection.

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 H.O. Porter H.O. Porter TITLE Supv. Drlg. Admin. Serv. DATE 4-6-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

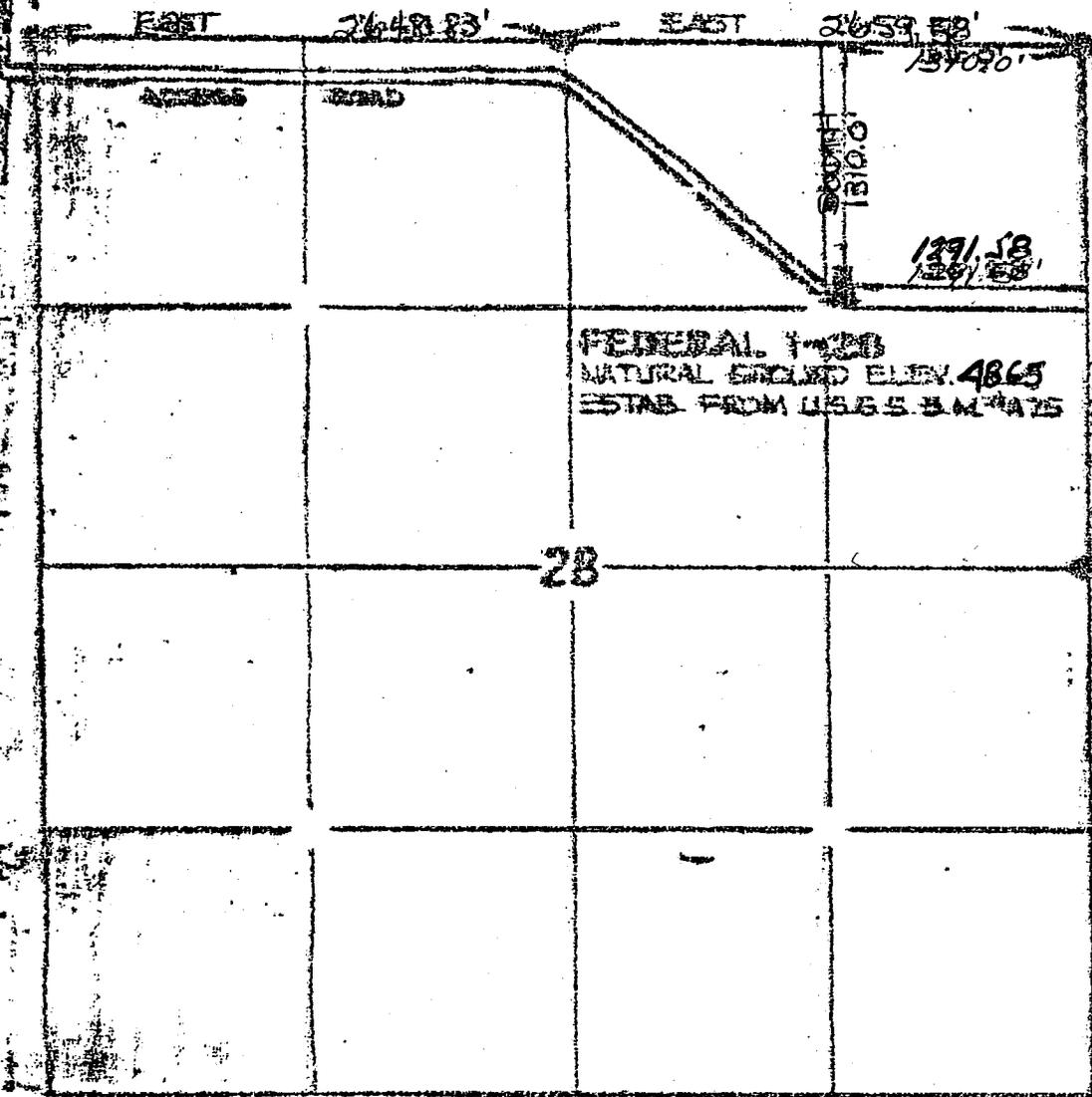
CONDITIONS OF APPROVAL, IF ANY:

AMERADA HESS COMPANY

NE 1/4, NE 1/4, SEC. 28
T. 17 S., R. 19 W., S. 10 N.
MILLARD COUNTY, UTAH

WELL LOCATION

Existing Road



LEGEND:

- ORIGINAL SURVEY POINT
- WELL LOCATION
- SURVEY POINT

DATE OF SURVEY:
NORTH LINE OF
NE 1/4 ASSUMED
TRUE EAST.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT REPRESENTS AN
ACTUAL FIELD SURVEY PERFORMED UNDER MY DIRECT
SUPERVISION, DURING WHICH THE UNDER MENTIONS
WERE FOUND OR ESTABLISHED.

Charles W. Mandy

CHARLES W. MANDY, REGISTERED LAND
SURVEYOR, CERTIFICATE NO. 6457 (UTAH)



VALLEY ENGINEERING, INC.
INDUSTRIAL SURVEYORS
1-800-556-0434

CLIENT
AMERADA-HESS OIL COMPANY
P.O. BOX 2040
TULSA, OKLAHOMA 74101

DATE: 3 APRIL 1979 PROJ. NO. 20237-71 P. 2/2

R 19 W

20	AHC 21	AHC 22
AHC 29	AHC PROPOSED LOC.  1-28 O 28 <i>FEDERAL 1-28</i>	AHC 27 T 17 S
AHC 32	AHC 33	34

AMERADA HESS CORPORATION
FEDERAL 1-28

LOCATION: 1310' FNL and 1292' FEL, Section 28, T17S, R19W,
Millard County, Utah.
Elevation - 4865' ungraded ground level.

LAND USE PLAN FOR DRILLING OPERATIONS:

1. Existing Roads:

Refer to Exhibit "A", a map, showing:

- A. The proposed location.
- B. Route and distance to nearest locatable reference point.
- C. Access roads.
- D. All existing roads in three (3) mile radius.
- E. Points of improvement of access road. Refer to Exhibit "B" for a sketch of the planned access road with improvements and areas of new construction clearly shown.

2. Planned Access Road:

Refer to Exhibit "B".

Access to the drill site will be along 1 1/4 mile of new road constructed between the site and a Millard County, Utah, road. This county road is located 1/2 mile East of the Utah-Nevada State Line at its junction with US Highway 6-50. The access road to the drill site will leave this county road at a point about 17 1/2 miles North of US 6-50. The access road will go across a portion of the Northeast 1/4 of Section 29, the extreme Northwest 1/4 of Section 28, then turn Southeast and go directly to the site from the quarter corner on the North side of Section 28. This road will all be new construction and is entirely on surface managed by the BLM road construction:

- A. Width - The road will have a 16' width.
- B. Grades - The maximum grades along this road will be 2% or less.
- C. Turnouts - Due to the short length of road, and the flat terrain, no turnouts are considered necessary.
- D. Drainage Design - The ground in the area of road construction is quite flat. Because of this, very little drainage design will be required. The road will have ditches along both sides of the road. Ditch slopes will be 3:1, not to exceed 2:1, with ditch width not to greatly exceed five (5) or six (6) feet.

Planned Access Road (cont'd)

- E. Culverts, cuts and fills - No major cuts or fills will be required. Two (2) culverts are needed. One culvert will be installed where the new road intersects the county road. This culvert will be 18" or as required by the county. The other culvert will be installed about 100' West of the point along the North Line of Section 28 where the road will turn Southeast. There are a few low sand dunes at this point, and a culvert will be required to allow drainage under the road. The culvert will be 24" in diameter and placed directly in the wash between the dunes and covered with material available at the site.
- F. Surfacing material - Gravel will be used extensively to cover both the road and location. It is anticipated that this gravel will be obtained from a gravel pit operated by the Millard County Road Department.
- G.. Cattle guards and fence cuts - One cattle guard will be installed where the access road leaves the county road. The only fence cut will also be made at this place in the road. To allow proper turning room for long loads, the cattle guard will be set about 30' behind the fence line, a 40' to 50' turnout built along the county road, then new fence installed from the cattle guard to the county fence. A 6" corner post will be set at each point the county fence is cut.
- H. Center line of road - The basic center line of the Northeast road was flagged using 2" lathe with yellow ribbon on the day the location was staked. Also, the corners of the drill site were staked at the same time.

3. Location of Existing Wells (Two (2) mile radius)

- A. Water wells - The only water well which could be located in the two (2) mile radius was a well at a ranch house in Section 29.
- B. Abandoned wells - None.
- C. Disposal wells - None.
- D. Temporarily abandoned wells - None.
- E. Drilling wells - None.
- F. Producing wells - None.
- G. Shut-in wells - None.
- H. Injection wells - None.
- I. Monitor/observation wells - None.

4. Location of facilities.

- A. Existing facilities - None.
- B. New facilities - It is proposed to put the facility on the well pad. See Exhibit "C". Approximate dimensions of the facility are 75' wide X 150' long. Construction methods and materials used in the facility will be consistent with accepted oilfield standards and good engineering practices. The type of equipment required will depend entirely on the nature of the hydrocarbons discovered. Since this area is used for grazing sheep and/or cattle, a fence will be constructed around the facility and a guard installed around the well head. No open cellar will be permitted.
- C. Rehabilitation of areas not needed for producing operations - Plans for rehabilitation of the disturbed area are to backfill the reserve pit(s); level, fill, and return all area not needed to the original contour, then revegetate the area with grass seed of a variety acceptable to the BLM Office in Fillmore, Utah.

5. Water Supply

Plans are to drill a water well just off the edge of the pad. A water pit will be dug adjacent to the well.

6. Source of construction materials.

The only construction material needed will be gravel for surfacing the road and pad. It is anticipated that the necessary amounts of gravel will be available from a pit that is located about 10 miles South of the drill site. This pit is operated by the Millard County Road Department and is located in parts of Section 18, T20S, R19W and Section 13, T20S, R20W. The Company Permit Number is R0-79-116.

7. Handling of waste disposal.

- A. Cuttings - Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids - All drill fluids will be contained in the reserve. After the well is completed the drill fluid will be allowed to settle or treated with a selective flocculent to clarify the water. The pit water will then be treated and if water quality is good, the water will be drained off slowly and the remaining mud solids left to dry. Once dry, the solids will then be buried and the pit area rehabilitated.
- C. Produced fluids - Any fluids produced during drilling test or production tests will be collected in test tank(s). Any unavoidable spills will be cleaned up and removed as quick as possible.

7. Handling of waste disposal (cont'd)

- D. Sewage - Sewer holes for trailer houses will be treated with lime and kept covered at all times. They will be filled immediately when no longer needed.
- E. Garbage and other trash - All flammable waste will be burned in a trash pit. This pit will be fenced with small wire mesh to prevent the trash from being scattered by the wind. Non-flammable materials will be removed from the area and disposed of in a proper manner.
- F. After the drilling rig moves out - All trash will be moved and no adverse materials will be left on the site. All open pits will be filled or fenced. All sewer holes will be filled. The water pit will be filled if it is not further needed. Good housekeeping will be observed at all times by AHC and its contractors.

8. Ancillary facilities

No airstrip or camp will be established for the drilling of this well.

9. Well site layout

Refer to Exhibit "D".

- A. Rig layout, including pits, living facility, etc - See Exhibit "E".
- B. Reserve pit and water pit will not be lined. All mud is fresh water based fluid.

10. Restoration of surface

- A. Backfilling and leveling is planned and will be implemented as soon as possible after plugging or completing the well.
- B. Any soil banked material will be spread over the area and contoured to meet the existing terrain. Revegetation will be by planting vegetation of a type specified by the BLM.
- C. The access road will be scarified and barricaded by removal of the cattle guard and rebuilding of the fence on the county road.
- D. Prior to rig release, the reserve pit will be fenced on the fourth side. The other three sides will be fenced during the drilling operation.
- E. If any oil is on the pits, and is not removed after operations cease, the pits will be flagged overhead to keep out birds.

10. Restoration of surface (cont'd)

- F. (If a dry hole should result, consideration should be given to down hole disposal of the liquid in the reserve pit. This could be accomplished using the drilling rig mud pumps prior to setting the cement plug in the bottom of the surface casing. This would facilitate more prompt location restoration and rehabilitation.) 2
- G. Rehabilitation will commence as soon as possible after drilling operations cease.

11. General information

- A. Topography - The site is in Snake Valley, and is located on the West side of the valley. The land is basically flat in the area of the drill site with only a few 3' to 4' high sand dunes nearby. The land slopes to the East on a 1-1 1/2% grade at the site. The site is about five (5) miles North of the Robinson Ranch and about ten (10) miles South of Gandy, Utah. Springs and water seeds can be found in this valley, but none were located near the site.
- B. Soil - Soil conditions are alkaline. The surface consist of very loose valley fill and contains a considerable amount of sand and gravel.
- C. Flora and fauna - No grass was found to be growing at the site or on the access road route. The vegetation was mainly grease wood and atriplex. No large wildlife (i.e. deer, etc.) were noted. Rabbits, mice and other small animals were seen as were hawks, owls, and other bird life.
- D. Surface Use - The surface activity consist of the grazing of livestock (cattle and sheep). All lands involved are BLM managed surfaces and are Federally owned.
- E. Proximity to water, dwellings, etc. - Warm Creek is located ten (10) miles to the North, and Bishop Springs area is about 8½ miles to the Northeast. North Knoll Spring can be found seven (7) miles to the Southeast.
- The nearest dwelling is a house one (1) mile to the West. Also, the Robinson Ranch, five (5) miles to the South and dwelling at Ganoy are occupied.
- F. No archeological, historical, or cultural sites were found at or near the site or proposed road.

12. Amerada Hess Representatives

Drilling

Mr. David Lansou
Seminole, Texas
915-758-5801 (Business)
915-758-5369 (Residence)

Mr. H. O. Porter
Tulsa, Oklahoma
918-584-5554 (Business)

12. Amerada Hess Representatives (cont'd)

Production

Mr. D. A. Jenkins
P. O. Box 1486
Williston, North Dakota 58801
701-572-3701 (Business)

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Amerada Hess Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/5/79
DATE

David Lansou
David Lansou
Drilling Superintendent

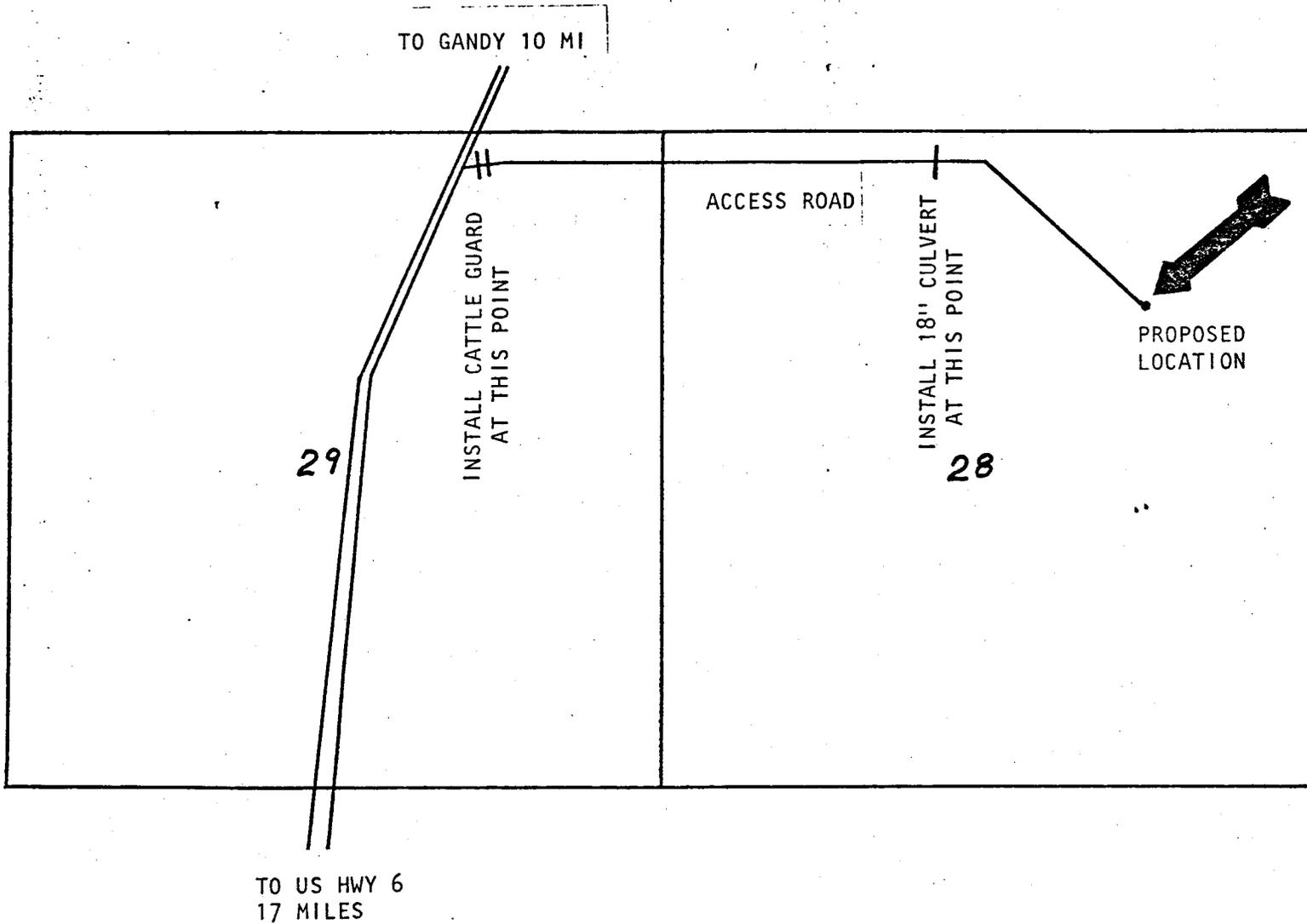
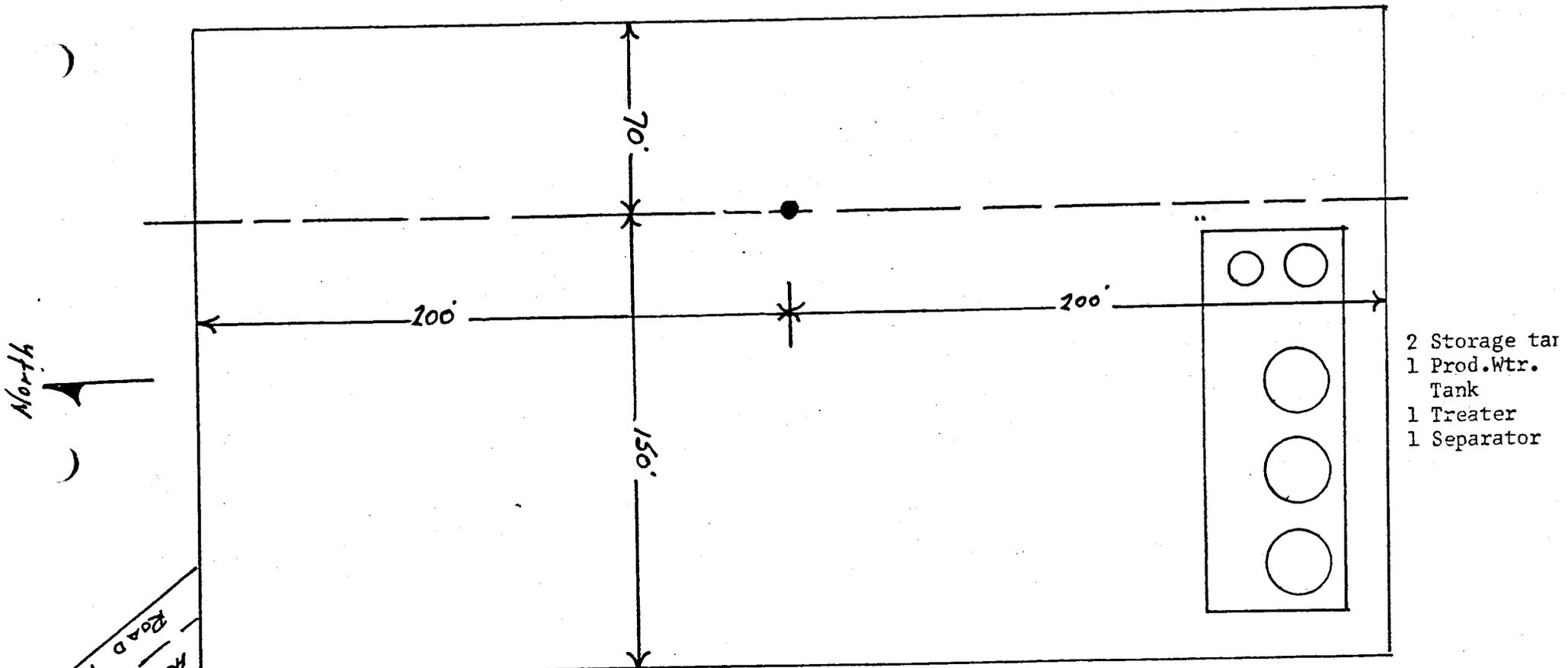


EXHIBIT B

AMERADA HESS CORPORATION
FEDERAL 1-28



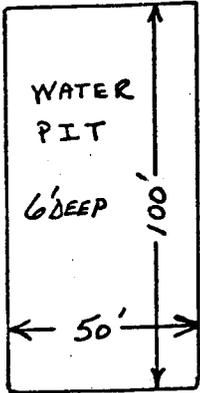
FEDERAL 1-28

EXHIBIT C
Facility Layout

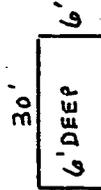
STOCK PILE DIRT FROM RESERVE PIT

RESERVE PIT

100' X 200' X 6' TO 8' DEEP



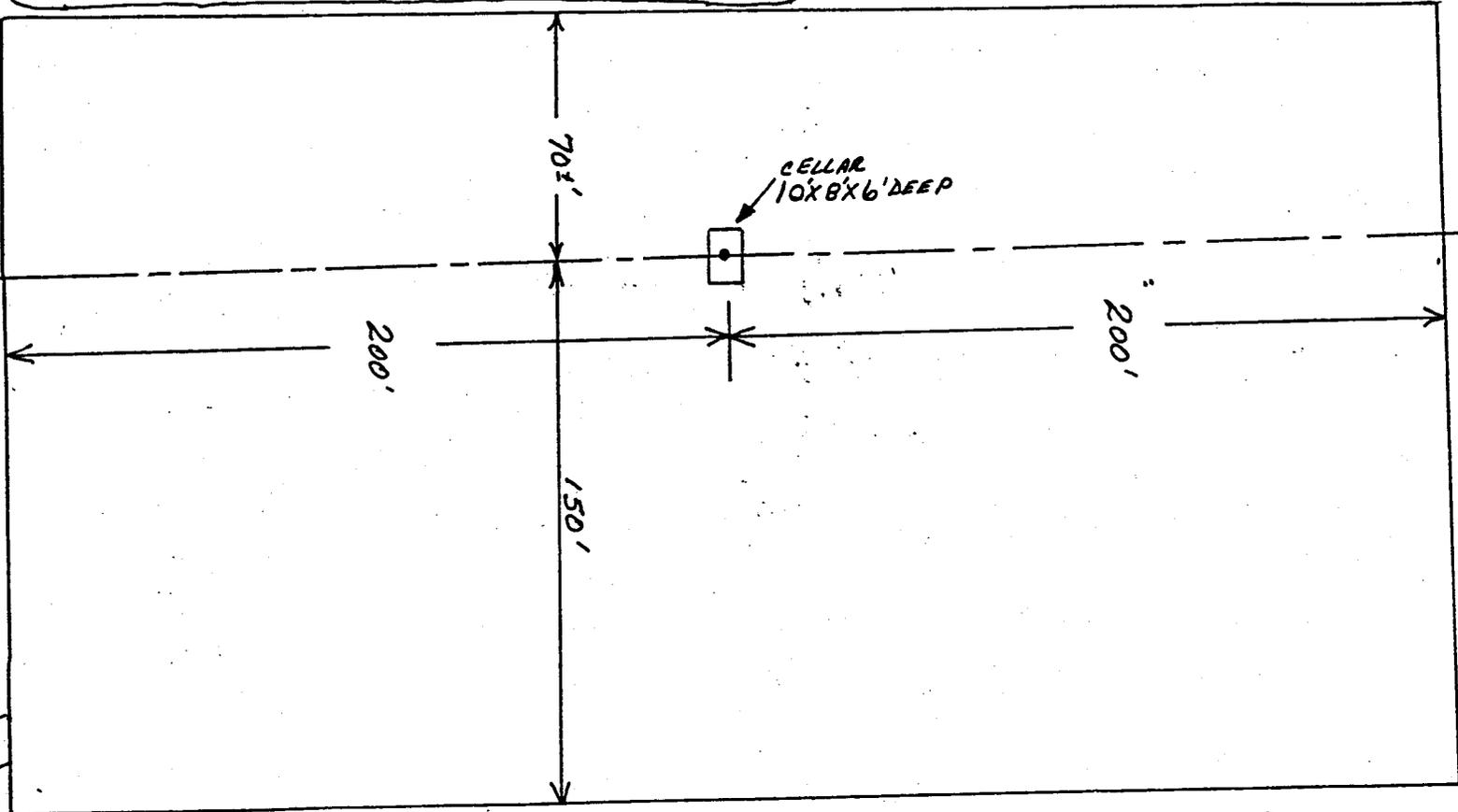
WATER WELL



TRASH BURN PIT
(DIG WITH BACKHOE)

TOP SOIL STOCK
PILE.

North



FED 1-28

EXHIBIT D

RESERVE PIT
200 X 100 X 6-8' DEEP

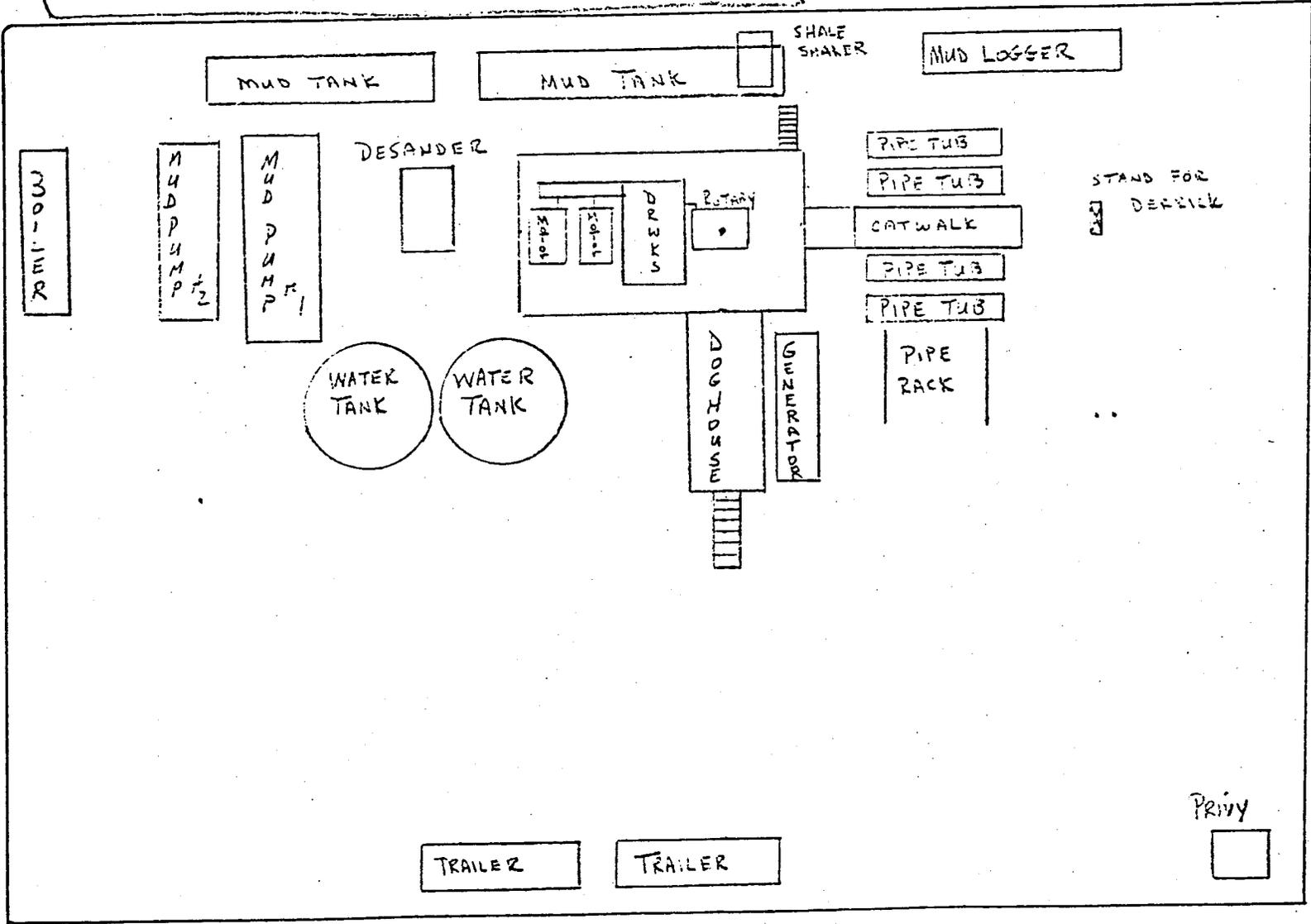


EXHIBIT E

TEN-POINT COMPLIANCE PROGRAM OF NTL - 6
APPROVAL OF OPERATIONS

Attached to Form 9-331-C

Company: Amerada Hess Corporation
Well: Federal 1-28
Location: 1292' FEL, 1310' FNL, Section 28-T17S-R19W
County: Millard State: Utah

1. Geological Surface Formation

Valley fill, recent in age.

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Quaternary-Tertiary Valley Fill	100' to 7,400'±
Tertiary Limestone	7,425'±
Paleozoics	Undetermined
Proposed Total Depth	8,500'

3. Estimated Depths of Anticipated oil, gas, water-bearing zones

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
	Surface to 100'	Water
Tertiary Valley Fill	100' to 6,400'	Oil or gas
Tertiary Limestone	6,400' - 7,425'	Oil or gas

4. The Proposed Casing Program

See APD, 9-331-C

5. The Operator's Minimum Specifications for Pressure Control

See Diagram

6. The Type and Characteristics of the Proposed Circulating Muds (Medium)

This well will be drilled using a low weight, low solids fresh water mud system.

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>
0' - 1000'	8.4 - 8.4	32-40	No Control
1000' - 8500'	8.5 - 8.9	34-48	Possibly as low as 5 cc.

7. The Auxiliary Equipment to be Used

- (a) Upper kelly cock to be used at all times
- (b) Float will not be used
- (c) Pit volume totalizer and flowline sensor may be used
- (d) Full opening valve will be on the floor at all times

8. The Testing, Logging and Coring Programs to be Followed

See APD, 9-331-C

9. Any Anticipated Abnormal Pressures or Temperatures Expected

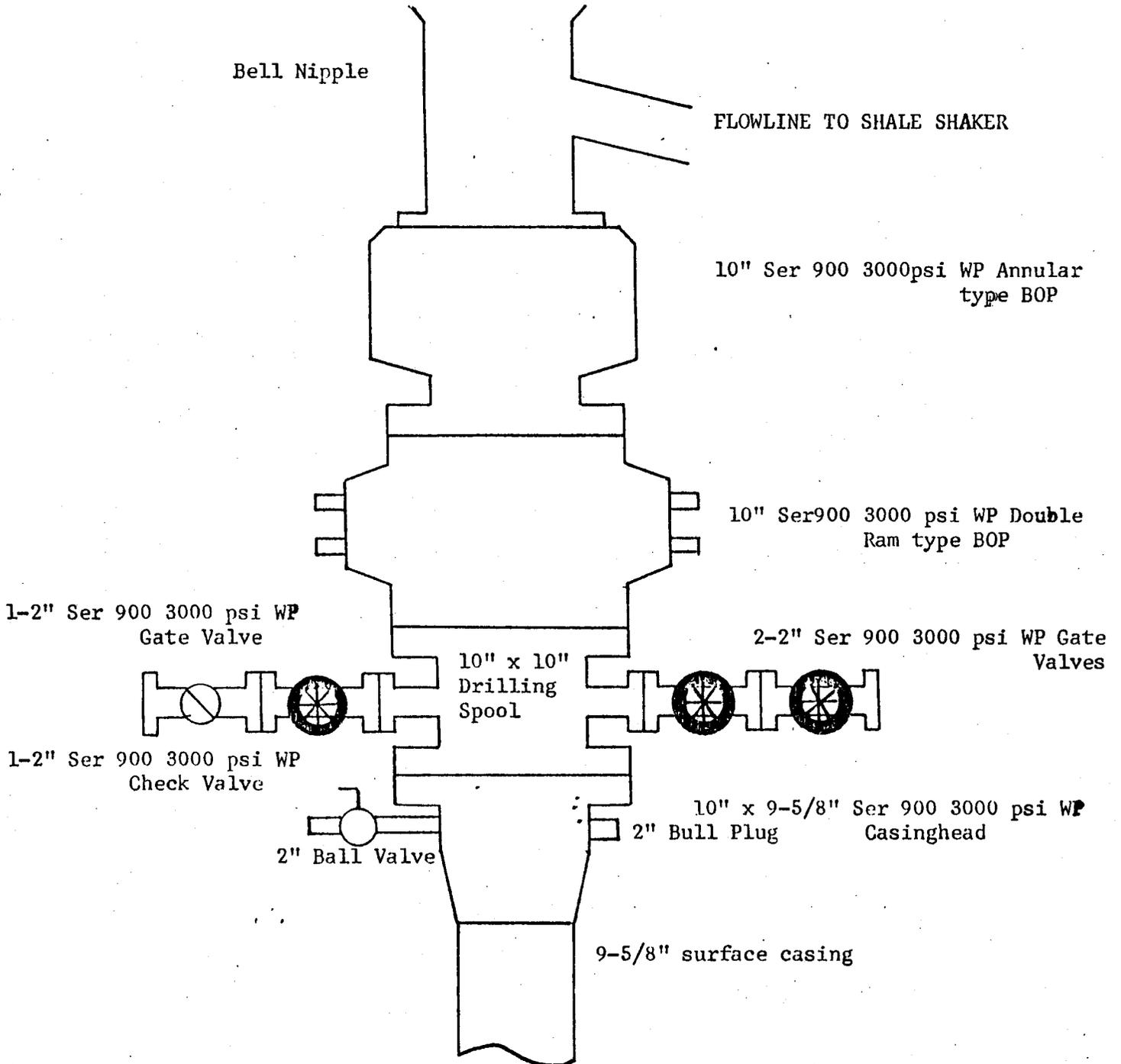
No abnormal pressures or temperatures have been noted or reported in wells drilled in this area, nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases is anticipated at this depth.

10. The Anticipated Starting Date and Duration of the Operations

The anticipated starting date is May 15, 1978, for a period of approximately 45 days.

MINIMUM REQUIREMENTS FOR BOP STACK



CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: April 11, 1979

Operator: Amerada Hess Corporation

Well No: Federal 1-28

Location: Sec. 28 T. 17 S R. 19 W County: Millard

File Prepared: Entered on N.I.D.:

Card Indexed: Completion Sheet:

API Number: 43-027-30013

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M. J. Minder 4-30-79

Remarks: Location (Honey)

Director: J

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. _____ Surface Casing Change
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site

O.K. Rule C-3 O.K. In _____ Unit

Other:

Letter Written/Approved

Don Manning

AMERADA HESS CORPORATION



P. O. BOX 2040
TULSA, OKLAHOMA 74102
918-584-5554

April 17, 1979

DIVISION OF OIL, GAS AND MINING
STATE OF UTAH
1588 West North Temple
Salt Lake City, Utah 84115

RE: Federal #1-28 - Wildcat
Section 28, T17S-R19W
Millard County, Utah
Exception to Rule C-3-C
Permit - Amerada Hess
Corporation

Attention: Scheree Wilcox

Dear Ms. Wilcox:

In reference to the above captioned well, we are requesting an exception to Rule C-3-C for this location due to geological considerations to take best advantage of structure. Amerada Hess Corporation controls all acreage within 660' of site. Also, the proposed site has already had US Department BLM, archaeological and USGS review. This is a wildcat well and for the above stated reasons, we request this exception.

Yours very truly,

R. G. Straw
Manager - Drilling Services

RGS/ np



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
May 2, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

AMERADA HESS CORPORATION
P O BOX 2040
TULSA OK 74102

Re: Well No. Federal 1-28, Sec. 28, T. 17S, R. 19W, Millard County, UT

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-027-30013.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


Cleon B. Feight, Director

/lw

cc: U. S. Geological Survey

Enclosure

43-027-30013

Form 9-508
(April 1962)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

EA #304-79

Sec. 28

T. 17S

R. 19W



INDIVIDUAL WELL RECORD

SLB & Mer.

PUBLIC LAND:

Date May 10, 1979

Ref. No. 1

Land office Utah State Utah

Serial No. 35089 County Millard

Lessee Amerada Hess Corp. (et. al.) Field Wildcat

Operator Amerada Hess Corp. District Salt Lake City

Well No. 1-28 Subdivision NE NE

Location 1291.58' FEL & 1310' FNL

Drilling approved May 11, 1979 Well elevation 4865 Gr. feet

Drilling commenced May 25, 1979 Total depth 7782' feet

Drilling ceased June 27, 1979 Initial production Dry

~~Completed in production~~ June 30, 1979 Gravity A. P. I. _____

Abandonment approved _____, 19____ Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depth	Contents
<u>Valley Fill</u>	<u>Lwr. Paleozoic</u>			

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>1979</u>					<u>Spud</u>	<u>TD 7782 ABD</u>						<u>P&A</u>

REMARKS Geologic markers: see well file

casing record: 9 5/8" cc @ 1033' w/800 sxs.

(May 1965)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-35089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-28

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec.28, T17S, R19W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

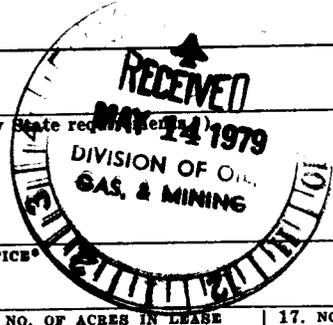
1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [X] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR Amerada Hess Corporation

3. ADDRESS OF OPERATOR P. O. Box 2040, Tulsa, Oklahoma 74102

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 1291.58' FEL, 1310' FNL At proposed prod. zone



14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 10 miles South, Gandy, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1310'

16. NO. OF ACRES IN LEASE 2560'

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

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

19. PROPOSED DEPTH 8500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 4865'

22. APPROX. DATE WORK WILL START* 5-15-79

23. PROPOSED CASING AND CEMENTING PROGRAM

(NEW)

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows: 13 3/4" hole, 9 5/8" casing, 32# weight, 1000'± setting, 900 SX cement; 8 3/4" hole, 7" casing, 33.7# weight, 8500'± setting, 1000 SX cement.

- 1. Anticipated drill stem tests: DST all valid shows:
2. Logging Program: DIL - TD to surface
BHC-Sonic/GR/Caliper - TD to surface
FDC-CNL w/GR/Caliper - TD to casing
Dipmeter - TD to surface

EXHIBITS ATTACHED

- 1. Multipoint requirements for APD
a. Proposed location
b. Access roads
c. Facility layout
d. Proposed drilling pad layout
e. Rig layout
2. 10 Point requirements (a) BOP protection.

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 [Signature] H.O. Porter TITLE Supv. Drlg. Admin. Serv. DATE 4-6-79

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE MAY 11 1979

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY NOTICE OF APPROVAL *See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

STATE OF G

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH.

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-35089

OPERATOR: Amerada Hess Corporation

WELL NO. 1-28

LOCATION: 1/4 NE 1/4 NE 1/4 sec. 28, T. 17 S., R. 19 W., S1M
Millard County, Utah

1. **Stratigraphy:** The proposed well is a rank wildcat in a previously unexplored basin. Aside from an apparent typographic error, the operator projected stratigraphic section appears reasonable. Section is as follows

Surface-6400'±	Quaternary/Tertiary valley fill
6400-7425'±	Tertiary limestone
7425-T.D.(?)	Paleozoics

2. **Fresh Water:** Depth of usable water is unknown. Most of the springs in the area of the well are of marginal quality.

3. **Leasable Minerals:** Area just to the north of the proposed test is considered to be prospectively valuable for geothermal resources.

4. **Additional Logs Needed:** Operator should report lithologic logs and accurate bottom hole temperatures.

5. **Potential Geologic Hazards:** None anticipated.

6. **References and Remarks:**

Signature: James F. Keller

Date: 04 - 19 - 79

TEN-POINT COMPLIANCE PROGRAM OF NTL - 6
APPROVAL OF OPERATIONS

Attached to Form 9-331-C

Company: Amerada Hess Corporation

Well: Federal 1-28

Location: 1292' FEL, 1310' FNL, Section 28-T17S-R19W

County: Millard State: Utah

1. Geological Surface Formation

Valley fill, recent in age.

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Quaternary-Tertiary Valley Fill	100' to 7,400'±
Tertiary Limestone	7,425'±
Paleozoics	Undetermined
Proposed Total Depth	8,500'

3. Estimated Depths of Anticipated oil, gas, water-bearing zones

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
	Surface to 100'	Water
Tertiary Valley Fill	100' to 6,400'	Oil or gas
Tertiary Limestone	6,400' - 7,425'	Oil or gas

4. The Proposed Casing Program

See APD, 9-331-C

5. The Operator's Minimum Specifications for Pressure Control

See Diagram

6. The Type and Characteristics of the Proposed Circulating Muds (Medium)

This well will be drilled using a low weight, low solids fresh water mud system.

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>
0' - 1000'	8.4 - 8.4	32-40	No Control
1000' - 8500'	8.5 - 8.9	34-48	Possibly as low as 5 cc.

7. The Auxiliary Equipment to be Used

- (a) Upper kelly cock to be used at all times
- (b) Float will not be used
- (c) Pit volume totalizer and flowline sensor may be used
- (d) Full opening valve will be on the floor at all times

8. The Testing, Logging and Coring Programs to be Followed

See APD, 9-331-C

9. Any Anticipated Abnormal Pressures or Temperatures Expected

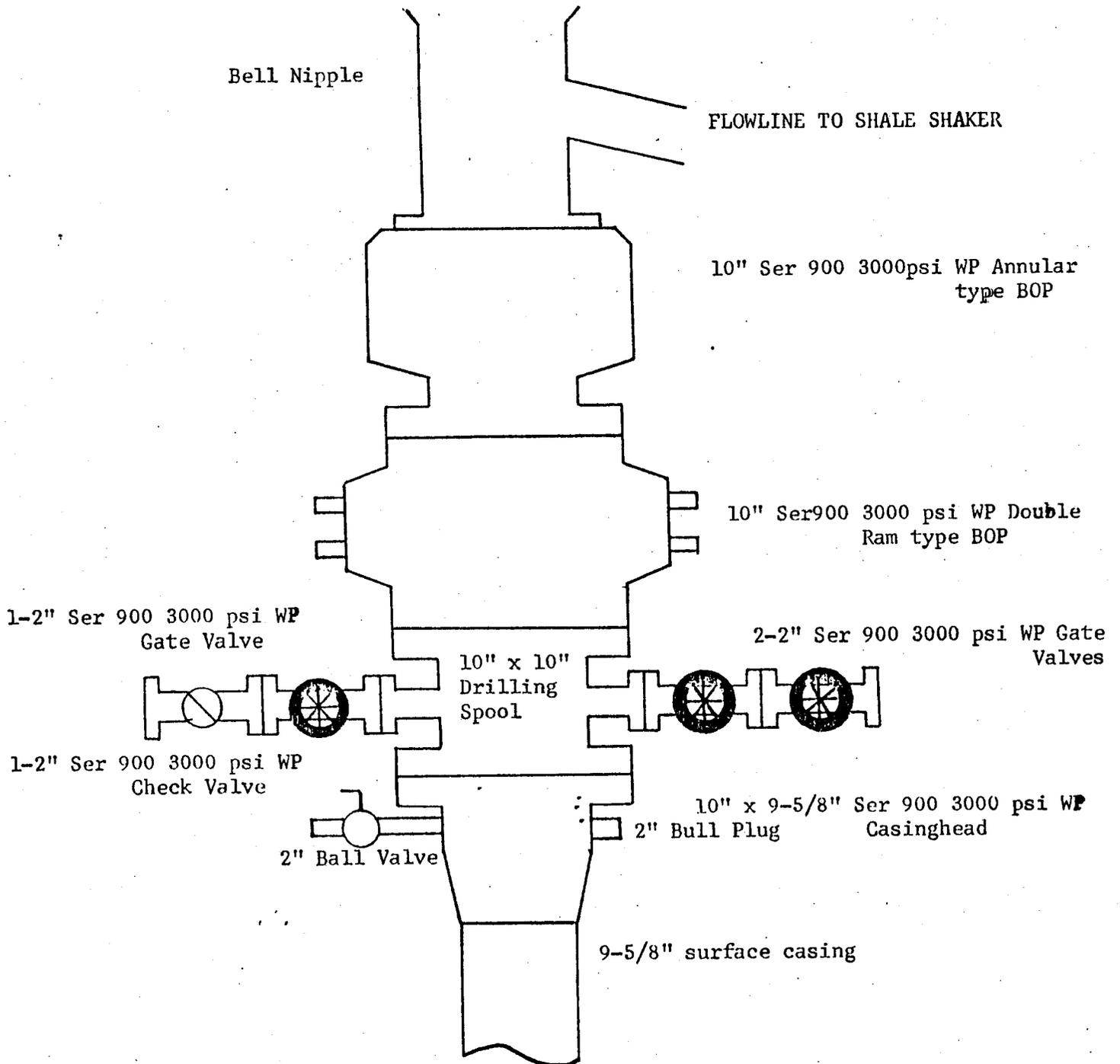
No abnormal pressures or temperatures have been noted or reported in wells drilled in this area, nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases is anticipated at this depth.

10. The Anticipated Starting Date and Duration of the Operations

The anticipated starting date is May 15, 1978, for a period of approximately 45 days.

MINIMUM REQUIREMENTS FOR BOP STACK



United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-35089

Operator Amerada Hess Corporation

Well No. 1-28

Location 1292' FWL & 1310' FNL Sec. 28 T. 17S R. 19W

County Millard State Utah Field Wildcat
NE $\frac{1}{4}$ NE $\frac{1}{4}$

Status: Surface Ownership Public Minerals Federal

Joint Field Inspection Date May 4, 1979

Participants and Organizations:

George Diwachak

U. S. Geological Survey, Salt Lake City

Richard Gaps

Bureau of Land Management, Richfield

Birrel Hirschi

Bureau of Land Management, Richfield

Hugh Porter

Amerada Hess Corporation

Floyd Richards

W & C Contractors

Related Environmental Analyses and References:

- (1) Unit Resource Analysis, House Range Planning Unit, BLM, Richfield
- (2)

Analysis Prepared By: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Noted - G. Diwachak

Date: May 9, 1979

Proposed Action:

On April 9, 1979, Amerada Hess Corporation filed an Application for Permit to Drill the No. 1-28 exploratory well, a 8500-foot oil and gas test of undetermined Quaternary-Tertiary Valley Fill and Tertiary Limestone Layers; located at an elevation of 4865 ft. in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 28, T. 17S., R. 19W. on Federal mineral lands and Public surface; Lease No. U-35089. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 220 ft. wide by 400 ft. long, a reserve pit 100 ft. by 200 ft. and a fresh water storage pit 50 ft. by 100 ft. A new access road would be constructed 16 ft. wide by 1.25 miles long from a maintained road. Gravel would be necessary to form a workable surface and base for the access road and drill pad due to the unstable nature of the silty soils. Surfacing material would be purchased from the BLM and excavated from two possible locations near the proposed site. The operator proposes to construct production facilities on disturbed areas of the proposed drill pad.

Since the nature of the potential hydrocarbons is undetermined, production facilities are unknown. However, if production is established, plans for production facilities would be submitted to the appropriate agencies for approval. The anticipated starting date is May 15, 1979 and duration of drilling activities would be about 45 days.

Location and Natural Setting:

The proposed drillsite is approximately 10 miles south of Gandy, Utah, the nearest town. A fair road runs to within 1.25 miles of the location. This well is a wildcat.

Topography:

The proposed location is within the Basin and Range Physiographic Province. The topography in the area of the wellsite is flat to gently undulating.

Geology:

The surface geology is valley fill, recent in age. The soil is sandy silt. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydro-carbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sand to a sandy silt type soil. The soil is somewhat subject to runoff from rainfall and has a slow to medium runoff potential and sediment production would be moderate. The soils are strongly alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 6 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 6 to 7" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 6".

Winds are medium and gusty, occurring predominately from southwest to northeast. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage from the location could eventually reach Bishop Springs, a closed drainage 9 miles northeast of the test site. However, due to the arid conditions of the area and sandy soils, runoff would most likely percolate into the soil.

Some minor additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is

normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh water aquifers. The pits would be unlined.

A water well would be drilled on the northeast corner of the drill pad. Area wells have found fresh water within 100 ft. of the surface. The BLM may request that the well remain for use after drilling is completed.

Vegetation:

Plants in the area are of the salt-desert-shrub types and consist of a sparse ground cover of greasewood, shadscale, bud sage and salt tolerant grasses and forbes.

Proposed action would remove about 6 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations. If the BLM decides to utilize the water well, they will request that the access road remain for use. Otherwise, the road should be rehabilitated.

Wildlife:

The fauna of the area consists predominantly of coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The bald eagle does, however, migrate through the region.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are two occupied dwellings or other facilities of this nature in the general area. Distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Millard County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the House Range Planning Unit (03-03). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A burn pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Non-flammable materials would be removed from the area. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 6 acres of land surface for the lifetime of the project which would result in increased erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made.

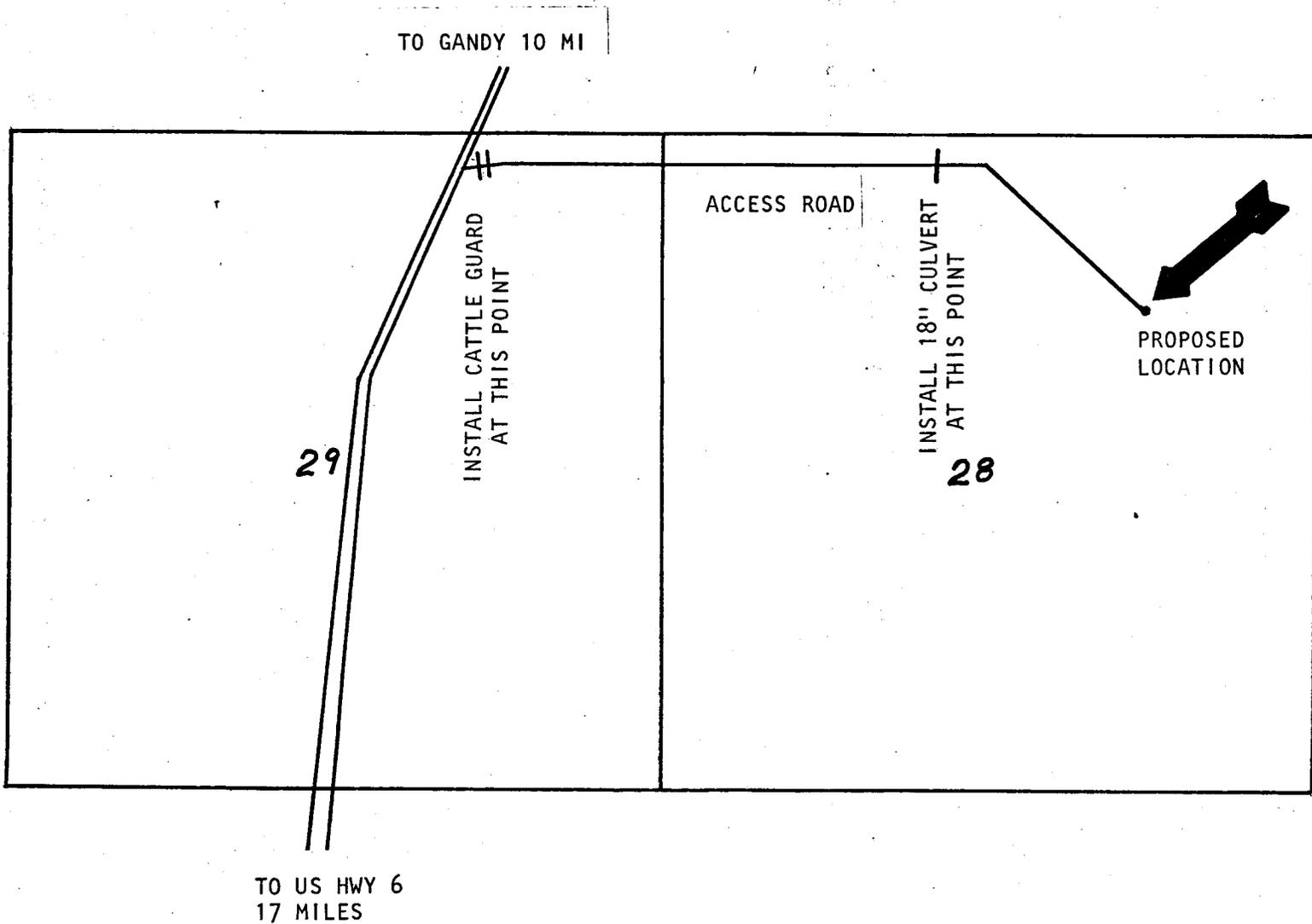
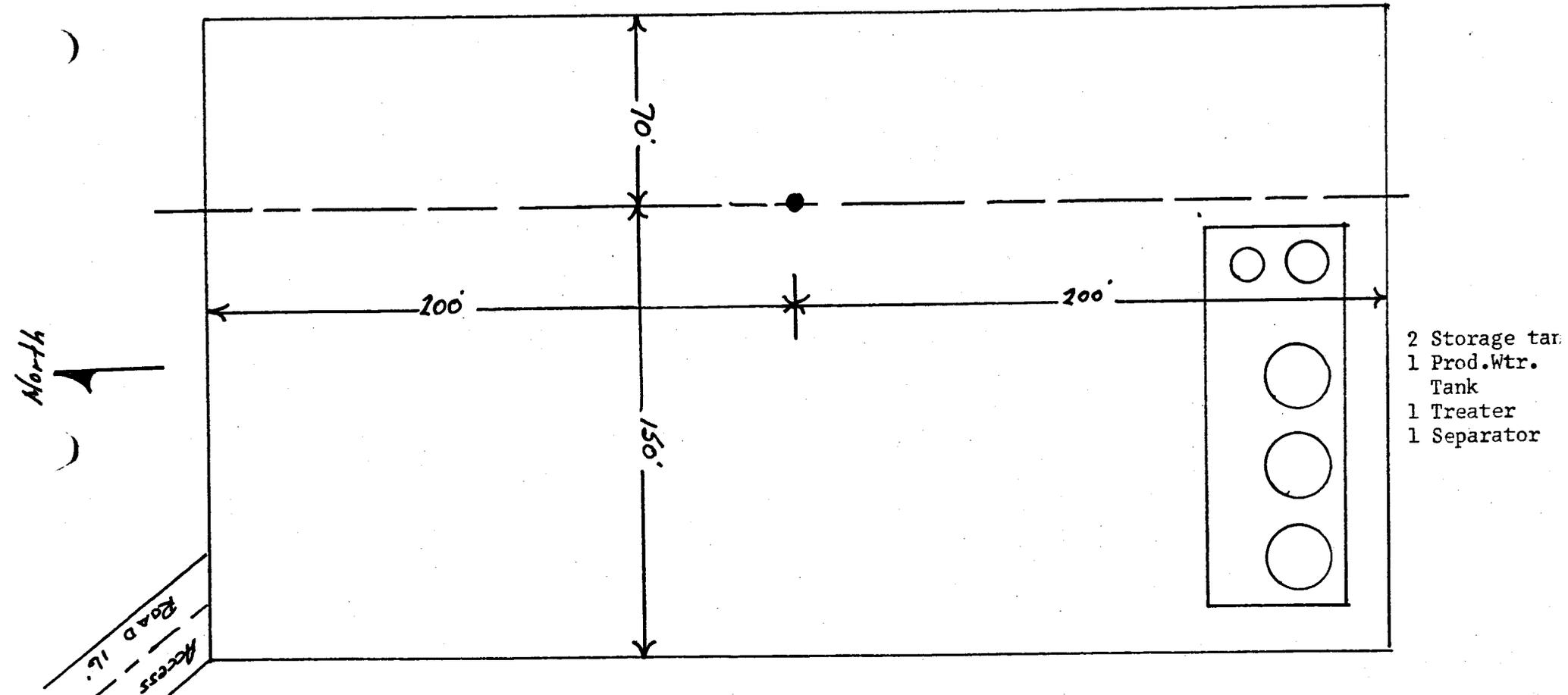


EXHIBIT B

AMERADA HESS CORPORATION
FEDERAL 1-28



FEDERAL 1-28

EXHIBIT C
Facility Layout

AND COUNTY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-35089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-28

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA
Sec.28, T17S, R19W

12. COUNTY OR PARISH
Millard

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amerada Hess Corporation

3. ADDRESS OF OPERATOR
Box 2040 - Tulsa, Oklahoma 74102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1291.58' FEL, 1310' FNL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4865' GR.

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. 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.)*

M.I. & R.U. Cardinal Drlg. Co., Rig #2 and spudded 14-3/4" surface hole at 2:15 PM MDT 5/25/79 and drilled to 1033'. RU, Ran and Cmtd. 9-5/8" 32.3# csg. set at 1033' and cmtd. with total of 800 sx. Cement circulated. WOC, cut off 9-5/8" csg. and NU 9-5/8" x 10" series 900 OCT "C-22" csg. head and tested to 1000 psi. NU on BOP's, test manifold, blind rams and pipe rams to 2000 psi and hydril to 1500 psi. TIH w/ bit and BHA and drilled plug, float collar and cement from 988' to 1033' and new formation from 1033' to 1265.

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

SIGNED H.O. Porter H.O. Porter TITLE Supv. Drlg. Admin. Svcs. DATE 5/29/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

AMERADA HESS CORPORATION

SUITE 850 - DRAVO PLAZA BUILDING
1250 14TH STREET
DENVER, COLORADO 80202
303-534-4930
303-534-4940



March 22, 1979

Re: Amerada Hess Corporation
Snake Valley Federal #1-28
C NE Section 28, T17S, R19W
Millard County, Utah

State of Utah
Department of Natural Resources
Utah Oil, Gas and Mining Division
1588 West North Temple
Salt Lake City, Utah 84116

Attention: The Director

CONFIDENTIAL

Dear Sir:

Amerada Hess requests that all lithologic samples and logs distributed to you on the above captioned well be classified "CONFIDENTIAL" for a six (6) month period.

Thank you.

AMERADA HESS CORPORATION
Denver Region

H. H. Odiorne
Geological Supervisor

Approval:
E. P. Riker
Regional Manager

Date: 3/22/79

HHO/jjm

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-35089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-28

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 28, T17S, R19W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amerada Hess Corporation

3. ADDRESS OF OPERATOR
Box 2040 - Tulsa, Oklahoma 74102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1291.58' FEL, 1310' FNL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4865' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

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

17. 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.)*

- (1) Ref. Form 9-331 dated 5/29/79:
- (2) Continued drilling to 7780' - Circ. and Cond. hole for Core #1. TOH, PU Core Bbl. and cut core #1 from 7780' to 7782.5' and TOH w/core bbl. Cut 2 1/2' and rec. 2 1/2' of Hard Quartz. Analyzed core #1 and laid down core bbl. TIH, circ. and cond. hole to run logs. TOH, RU Schlumberger and TIH to loggers TD of 7784'. Ran DIL, SFL w/GR and BHC Sonic Integ. Travel Time & Calipre 7782' to surf. csg. at 1035' and FDC-CNL w/GR and Calipre 7783' to 1035' and GR to 100'. Ran Dipmeter 7782' to 1050' and Fract. I.D. from 7780 to 1052' and RD Schlumberger. Evaluated logs and TIH w/bit to Circ. & Cond. for Velocity Survey. TOH, RU Schlumberger and ran Seismic Ref. Serv. Velocity Survey w/ Check shots at 7780, 6525, 5980, 5420, 4450, 3030, 2240, and 1033 and RD Schlumberger. RU Dresser-Atlas and ran Spectra Log from 7779' to 50' and RD Dresser-Atlas. LD DP and set abandonment plugs as follows: #1 plug 7115-7315 w/110 sx., #2 plug 4002'-4202' w/140 sx., #3 plug 949'-1149' w/120 sx., #4 plug 40' to 90' w/15 sx., Top plug to surf. w/10 sx. and plugged 2-1/16" parasite string 10' to 900' w/ 15 sx. ND BOP's and Hydril, cut off 9-5/8" csg., installed dryhole marker and released rig at 9:00 AM 7/3/79.

Plugging operation witnessed by Mr. Ray Thompson - U.S.G.S., Bakersfield, California.

FINAL REPORT:

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

SIGNED H.O. Porter H.O. Porter

TITLE Supv. Drilling Admin. Svcs.

DATE 7/5/79

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Release date: 1/21/80

Form approved.
Budget Bureau No. 42-R355.6

5. LEASE DESIGNATION AND SERIAL NO.

U35089

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-28

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 28, T17S, R19W

12. COUNTY OR PARISH
Millard

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other P&A

2. NAME OF OPERATOR

Amerada Hess Corporation

3. ADDRESS OF OPERATOR

Box 2040 - Tulsa, Oklahoma 74102

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

At surface 1291.58' FEL, 1310' FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED 5-11-79

15. DATE SPUDED 5/25/79 16. DATE T.D. REACHED 6/27/79 17. DATE COMPL. (Ready to prod.) P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4865 GR. 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 7782' 21. PLUG, BACK T.D., MD & TVD --- 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY 0-7782' ROTARY TOOLS CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, SFL, BHC, GR & CALIP., FDC, CNL, DIPMETER & SPECTRA 27. WAS WELL CORED Yes 7780-7782.5'

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	1033'	14-3/4"	800 sx.	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A							

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.* PRODUCTION

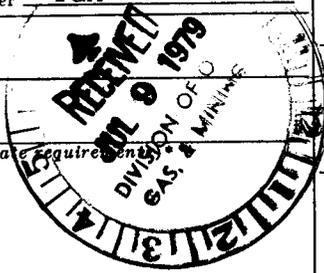
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
N/A		P&A					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED H.O. Porter H.O. Porter TITLE Supv. Drlg. Admin. Svcs. DATE 7/5/79

*(See Instructions and Spaces for Additional Data on Reverse Side)



May 28, 1980

Amerada Hess Corp.
Box 2040
Tulsa, Oklahoma 74102

Re: Well No. Federal 1-28
Sec. 28, T. 17S, R. 19W.
Millard County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 7-5-79, from above referred to well indicates the following electric logs were run: DIL, SFL, BHC, GR & CALIP, FDC, CNL, DIPMETER & SPECTRA. As of todays date this office has not received the DIPMETER.

To complete our files, please forward the log we are missing ~~gas~~ soon as possible.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, & MINING


JANICE TABISH
CLERK-TYP~~E~~ST

AMERADA HESS CORPORATION

SUITE 850 - DRAVO PLAZA BUILDING
1250 14TH STREET
DENVER, COLORADO 80202
303-534-4930
303-534-4940

August 4, 1980

State of Utah
~~Department of Natural Resources~~
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Janice Tabish
Clerk Typist

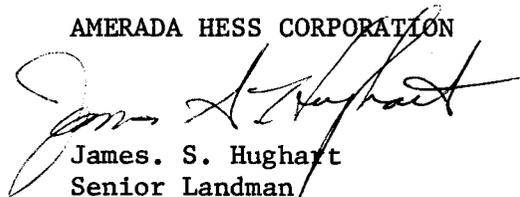
Re: Well No. Federal 1-28
Township 17 South, Range 19 West
Section 28
Millard County, Utah

Gentlemen:

As a follow-up to my phone call to Ms. Tabish on July 30, 1980 concerning your request by letter of May 28, 1980, for a copy of the dipmeter run in the captioned well, this is to advise that we do not consider the dipmeter an electric log and therefore do not believe we are required to furnish the state with same.

Very truly yours,

AMERADA HESS CORPORATION


James S. Hughart
Senior Landman

JSH/jak