

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG ELECTRIC LOG FILE WATER SANDS LOCATION INDICATED SUB. REPORT/abd. 2-15-74

~~##~~ made card in file eff. 1-30-91

DATE FILED 10-2-73

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-18360 INDIAN

DRILLING APPROVED: 10-2-73

SPUDED IN: 12-27-73

COMPLETED: 2-13-74 PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: 6496'

WELL ELEVATION: 6549' GL 6559' KB

DATE ABANDONED: 2-13-74 PIA

FIELD: Wildcat 3/86

UNIT:

COUNTY: Kane

WELL NO. FEDERAL MIDWEST #1 APT. NO: 43-025-30011

LOCATION 960' FT. FROM (W) (S) LINE, 600' FT. FROM (E) (W) LINE. NE SE SE 1/4-1/4 SEC. 12

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
				38 S	1 W	12	AMERADA HESS CORPORATION

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Malgait Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBONIFEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Paradox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel Basal sand	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akahi	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

4611

5113

5256

6128

6249

6395

740

1030

Carmel Basal sand 2500

2655

4174

4470

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief *BMP*
Approval Letter *10-2-73*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *2-13-74*
OW..... WW..... TA.....
GW..... OS..... PA..... ✓

Location Inspected
Bond released
State or Fee Land

LOGS FILED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

*Other instructions
reverse side

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Federal Lease No. U18360	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amerada Hess Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2040, Tulsa, Oklahoma 74102			8. FARM OR LEASE NAME Federal-Midwest	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 960' FSL & 600' FEL Section 12-T38S-R1W. <i>NEESE</i> At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 mi. so. & 12 mi. east of Cannonville, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600'		16. NO. OF ACRES IN LEASE 1920	17. NO. OF ACRES ASSIGNED TO THIS WELL 1920	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 6100'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6549 GR			22. APPROX. DATE WORK WILL START* October 15, 1973	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	3200' ✓	1150 sacks ✓
7 7/8"	5 1/2"	17#	6100'	600 sacks

Propose to drill a 6100' Kaibab test. Will test all valid shows encountered and will run at least one basic resistivity survey from bottom of the surface casing to total depth of the hole. If production is indicated a 5 1/2" production casing string will be run. If non-productive will plug and abandon in accordance with applicable regulations. Blowout Prevention Equipment to consist of 2 Ram-type preventors w/blind rams and drillpipe rams and one bag type preventor; kill manifold and chokes; all equip to be tested to 3000 psi working pressure.

Unorthodox location for this particular well is due to the topography of the area in that proposed location is most feasible to allow adequate room to locate rig and operate, etc. All oil & gas leases within a radius of 600 feet of this location are in common ownership.

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. *Frederick V. Baker* SIGNED *Tulsa Regional Manager* TITLE *September 24, 1973* DATE

(This space for Federal or State office use)

PERMIT NO. *43-025-30011* APPROVAL DATE *Myers - Lary*

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COMPANY Amerada Hess Corporation

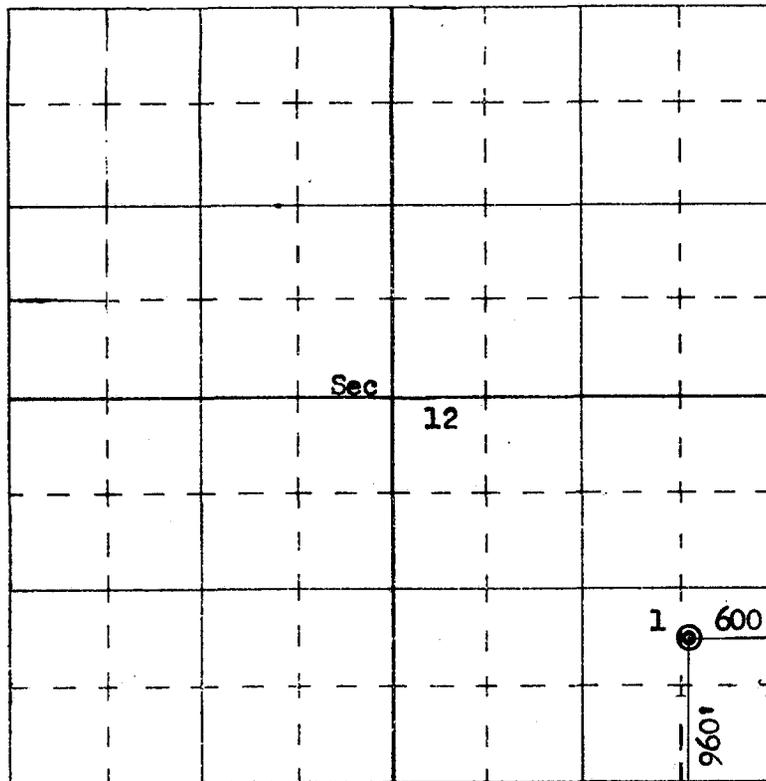
LEASE Federal Midwest WELL NO. 1

SEC. 12 T. 38S R. 1W

KANE COUNTY, UTAH

LOCATION 960' FSL 600' FEL

ELEVATION 654.9 Ungraded Ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Fred B. Kerr Jr.
Fred B. Kerr Jr. 1950

SEAL: Registered Land Surveyor.

SURVEYED September 19, 19 73

Laughlin-Simmons & Co.

FARMINGTON, N. M.

AMERADA HESS CORPORATION

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

October 1, 1973

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

Attention: Mr. Paul W. Burchell
Chief Petroleum Engineer

Dear Paul:

As per our recent phone conversations, I am enclosing copies of the applications for permit to drill which we have filed with the USGS in Salt Lake City for the two wells Amerada Hess Corporation is proposing to drill in Kane County.

As you have indicated on these applications, I have indicated blowout prevention equipment to be used and reasons for the unorthodox well locations which we have discussed. To assist you I am also enclosing a copy of the USGS topographic map we have prepared and filed with the USGS. This map illustrates the topography of the area in which we plan to drill.

Paul, I will mail a copy of our approved 12-point plan to your office as soon as USGS approval has been received in order that your files will be complete and no unnecessary paper work will be involved.

I hope this data is satisfactory and please do not hesitate to contact me if additional information is required. Thank you again for your cooperation concerning the drilling of these wells.

Yours very truly,



Sidney K. Smith

SKS:wd
Encls.

PROPOSED 12 POINT DEVELOPMENT PLAN
SUBMITTED BY
AMERADA HESS CORPORATION

In conjunction with the enclosed Application for Permit to Drill, the following 12-point development plan for surface use is submitted for the drilling of the following wells:

1. Amerada Hess No. 1 Federal-Skyline - located 700' FWL & 1400' FNL Section 6-T38S-R1E, Kane County, Utah. Proposed 6600 ft. Kaibab test, wildcat.
2. Amerada Hess No. 1 Federal-Midwest - located 600' FEL & 960' FSL, Section 12-T38S-R1W, Kane County, Utah. Proposed 6100 ft. Kaibab test, wildcat.

Point No. 1 - Existing roads including location of the exit from the main highway.

See attached USGS topographic map.

Point No. 2 - Planned access roads.

See attached USGS map. Please note that two primary access roads will have to be constructed for each of the proposed wells. 0.7 mile of road will be constructed to provide access to the well in Sec. 6 and 2.5 miles of road will be constructed to provide access to the well in Sec. 12. Each of these roads will be 18' wide w/bar ditches.

Point No. 3 - Location of existing wells.

There are no other wells located near the proposed location or within a 3 mile radius of the well. (See map).

Point No. 4 - Lateral roads to well locations.

See USGS map.

Point No. 5 - Location of tank batteries and flow lines.

Not required for wildcat well.

Point No. 6 - Location and type of water supply.

The source of water will be from a Mr. Mile Richards water tank located in Sec. 8 T38S-R2W. The water source is spring fed and verbal agreement has been established between Amerada Hess Corporation and Mr. Richards to supply a minimum of 10,000 bbls. and as much additional as required. There will be no water wells drilled on or near the proposed location.

Point No. 7 - Methods for handling waste disposal.

All well cuttings, garbage, trash, etc. will be disposed of in the reserve pit to be constructed adjacent to the proposed well location. In addition, toilet facilities for all rig personnel will be set up and upon completion of the well, properly disposed of by burying and covering.

Point No. 8 - Location of camps.

No camp site will be constructed during the drilling of the proposed well. A dog house for changing clothes for the crew will be provided. The crews will live in town and thus will not necessitate any housing on location. The only other structures that will be on location during the drilling of the well will be the drilling contractor's trailer house and a small one-man trailer to be used by the well site geologist to analyze sample cuttings from the well.

Point No. 9 - Location of airstrips.

No airstrip is to be constructed during the drilling of each of these wells.

Point No. 10 - Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.

See attached Figure No. 1

Point No. 11 - Plans for restoration of the surface.

Upon completion of this well, all trash collected over the drilling interval will be disposed of via burial in the reserve pit. The topsoil left after hauling and cleaning will be sowed with grass seeds and properly raked. Any topsoil removed during the location-building process will be stockpiled on the location for use in restoring the drillsite to its original state.

Point No. 12 - These two proposed locations are located in a primitive wilderness area consisting of sparse vegetation and a plateau canyon type topography. Neither drillsite is located near the boundary or in the vicinity of any Natural Park or Natural Recreation Area.

October 2, 1973

Amerada Hess Corporation
Box 2040
Tulsa, Oklahoma 74102

Re: Well No's:
Federal Midwest #1
Sec. 12, T. 38 S. R. 1 W,
Federal Skyline #1
Sec. 6, T. 38 S. R. 1 E,
Kane County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the topographic exception under Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are: Midwest #1 - 43-025-30011 and Skyline #1 - 43-025-30012.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

PHB

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER P & A		5. LEASE DESIGNATION AND SERIAL NO. Federal Lease No. U18360
2. NAME OF OPERATOR Amerada Hess Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2040, Tulsa, Oklahoma 74102		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 960' FSL & 600' FEL, Sec. 12-T38S-RLW		8. FARM OR LEASE NAME Federal - Midwest
14. PERMIT NO. 43-025-30011		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6549' Ungraded Gr.: 6559' RT		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA Sec. 12-38S-1W
		12. COUNTY OR PARISH Kane 13. STATE Utah

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 type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input 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 checked="" 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"/>	(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.)*

Casing Record:	Depth	Hole	Cement Record	Amount to be Pulled	
Size	Wt.	Set (MD)	Size	Amount to be Pulled	
16"	65#	64'	21"	150 sacks	None
8-5/8"	24# & 32#	3584'	14-3/4"	1650 "	None

Total Depth - 7-7/8" hole (open hole) to 6496' TD. Tested all potential zones after logging. No shows of oil or gas. (TD reached 2/3/74)

PROPOSED P & A OPERATIONS

Spot cmt. plug 5400 to 5150, 3650 to 3450 and 20' to 0' with a 4" x 10' dry hole marker in place. 9.0# mud in hole.

Verbal approval given by Mr. Jerry Daniels of USGS to P & A

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 2-19-74
BY Ch. Fisher/sd

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

SIGNED E. Grigg TITLE Adm. Asst. Drilling Serv. DATE 2/14/74

(This space for Federal or State office use)

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

1342-A

HALLIBURTON DIVISION LABORATORY
HALLIBURTON COMPANY
MIDLAND DIVISION

LABORATORY WATER ANALYSIS No. _____
Date 2-15-74

Amerada Hess No. 1 Federal Midwest
960' FSL and 600' FEL Sec. 12-38S-1W
Kane County, Utah

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 2-14-74
Well No. Fed. Midwest No. 1 Depth 5125'-5150' Formation Shinarump
County Kane, Utah Field W.C Source DST No. 3

	TOP	SAMPLER	MIDDLE
Resistivity	1.36 @ 61°F	1.60 @ 61°F	1.27 @ 61°F
Specific Gravity	1.015	1.010	1.015
pH	11	12	12
Calcium (Ca)	450 *	50 *	200.* *MPL
Magnesium (Mg)	0 *	0 *	0 *
Chlorides (Cl)	699 *	269 *	375 *
Sulfates (SO ₄)	heavy	heavy	heavy
Bicarbonates (HCO ₃)	146 *	549 *	878 *
Soluble Iron (Fe)	nil	nil	nil
.....			
.....			
.....			

Remarks: _____ *Milligrams per liter

Respectfully submitted,

Analyst: John Alexander
cc: District Engineer

HALLIBURTON COMPANY
By John Alexander
XXXXXXXXXXXX

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

HALLIBURTON DIVISION LABORATORY
HALLIBURTON COMPANY
MIDLAND DIVISION

LABORATORY WATER ANALYSIS No. _____

To Amarada Hess

Date _____

Fed. Midwest No. 1 continued

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. _____

Well No. _____ Depth _____ Formation _____

County _____ Field _____ Source DST no. 3

525' in

Resistivity 1.35 @ 61°F

Specific Gravity 1.010

pH 11

Calcium (Ca) 200 * *MPL

Magnesium (Mg) 180 *

Chlorides (Cl) 430 *

Sulfates (SO₄) heavy

Bicarbonates (HCO₃) very, very high (would not go to end point)

Soluble Iron (Fe) nil

.....

.....

.....

Remarks: _____ *Milligrams per liter

Respectfully submitted,

Analyst: John Alexander
cc: District Engineer

HALLIBURTON COMPANY

By John Alexander
ANALYST

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

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AMB

FORM OGC-8-X
File in Quadruplicate

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Federal - Midwest #1

Operator Amerada Hess Corporation

Address Box 2040, Tulsa, Oklahoma 74102

Contractor Loffland Bros. Company

Address 1216 E. Bloomfield Road, Farmington, New Mexico

Location 1/4, 1/4; Sec. 12 ; T. 38S N; R. 1W E; Kane County.
S W

Water Sands:

	<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
	<u>From -</u>	<u>To -</u>	<u>Flow Rate or Head -</u>	<u>Fresh or Salty -</u>
Navajo zone 2655	4174		Unable to get rate of flow	Fresh ✓
Kaibab 2. zone 6330	6360		ditto	Fresh
3.	(See below DST #1)			
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

While taking DST #1 5127 to 5150' rec. a total of 9.25 bbls. of fluid consisting of 365' in tool of slightly mud cut brackish water and 360' of clear brackish water.

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

MB

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER P & A</p> <p>2. NAME OF OPERATOR Amerada Hess Corporation</p> <p>3. ADDRESS OF OPERATOR P.O. Box 2040, Tulsa, Oklahoma 74102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 960' FSL and 600' FEL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Federal Lease No. U18360</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Federal - Midwest</p> <p>9. WELL NO. 1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-T38S-RLW</p> <p>12. COUNTY OR PARISH Kane</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. 43-025-30011</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6549' ungraded Gr: 6559' RT</p>	

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 type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input 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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)*

COMPLETED P & A OPERATIONS: TD 6496' by driller. Unable to get Elect. log below 6380' due to bottom hole conditions.

With hole filled W/9.0# mud, spotted 270 sack cement plug in open hole 5408' to est. 5150', 50 sack cement plug 3650 to 3450' (8-5/8" csg. set @ 3584) and a 10 sack cement plug 20' to 0' in top of 8-5/8" csg. With a 4" x 10' dry hole marker in place.
Well P & A 2/13/74

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

SIGNED *E. Higgins* TITLE Adm. Asst. Drlg. Serv. DATE 2/15/74

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NO. Federal Lse. No., U18360	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>P & A</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amerada Hess Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 2040, Tulsa, Oklahoma 74102		8. FARM OR LEASE NAME Federal-Midwest	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 960' FSL and 600' FEL At top prod. interval reported below At total depth same as above		9. WELL NO. 1	
14. PERMIT NO. 43-025-30011		13. STATE Utah	
DATE ISSUED 10/2/73		12. COUNTY OR PARISH Kane	
15. DATE SPUNDED 12/27/73	16. DATE T.D. REACHED 2/3/74	17. DATE COMPL. (Ready to prod.) P & A 2/13/74	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6549' GR; 6559' RT
19. ELEV. CASINGHEAD -	20. TOTAL DEPTH, MD & TVD 6496'		
21. PLUG BACK T.D., MD & TVD P & A	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 10 to 6496'	ROTARY TOOLS →
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A			25. WAS DIRECTIONAL SURVEY MADE yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Compensated Neutron Porosity, Density			27. WAS WELL CORED yes
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
16"	65#	64'	21"
8-5/8"	24 & 32#	3584'	14-3/4"
CEMENTING RECORD		AMOUNT PULLED	
150 sacks		none	
1650 "		none	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
	none		
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
none		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		none	
33.* PRODUCTION			
DATE FIRST PRODUCTION P & A	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
			→
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
		→	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY
35. LIST OF ATTACHMENTS none			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED E. Briggman	TITLE Adm. Asst. Drlg. Serv.		DATE 2/15/74

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

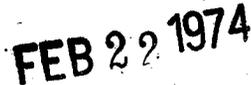
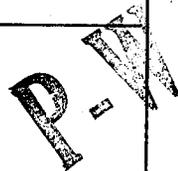
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS	
C. FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH
Navajo	2655	Drilled 0 to 6132, cored 6132 to 6162, drilled 6162 to 6253, cored 6253 to 6260 and drilled 6260 to TD @ 6496. DST #1 Sinbab formation 6134-6158'. No show of oil or gas. Run Straddle Test 5127-5150. No show of oil or gas.	740'
Shinerump	5113		1030
Sinbad	6128		2500
Kaibab	6249		2655
			4174
			4470
			4611
			5113
			5256
			6128
			6249
			6395
			same

February 28, 1974

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

Re: Well No's:
Federal-Midwest #1
Sec. 12, T. 38S, R. 1W.
Kane, Utah

Gentlemen:

This letter is to advise you that the electric and/or radio-activity logs for the above mentioned well are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE,
EXECUTIVE SECRETARY

sd:

AMERADA HESS CORPORATION

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

March 7, 1974

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

Attention: Scheree DeRose

Re: Well No's:
Federal-Midwest #1
Sec. 12, T. 38S, R. 1W,
Kane County, Utah

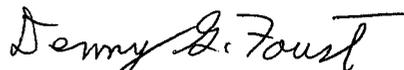
Gentlemen:

In response to your letter of February 28, I am enclosing copies of the logs run on well noted above.

1. One copy Schlumberger Formation Density Log
2. One copy Schlumberger Compensated Neutron Formation Density
3. One copy Schlumberger Dual-Induction-Laterlog

Management has requested that the above logs be held confidential for the specified four month period. Your kindly reminder is appreciated.

Yours very truly,


Denny G. Foust
Geologist

DGF:wd
Enclosures

AMERADA HESS CORPORATION



Will file 24 copies

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

August 24, 1976

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

Actual copy [Signature]

Dear Sir:

Attached is a water quality analysis on the Amerada Hess No. 1 Federal Midwest, Section 12-38S-1W, Kane County, Utah, as per your request by memorandum dated August 11, 1976.

The attached was the only water sample Amerada Hess had analyzed within the State of Utah during the period of July, 1972 to date.

Sincerely,

H. F. Middleton / klg
H. F. Middleton,
Western Area Exploration Manager

HFM/REVH/klg

Attachment