

FILE NOTATIONS

Entered in WBP File	Checked by Chief
Approved by	Approval Letter
Bond Issued	Disapproval Letter

COMPLETION DATA:

Date Well Completed <i>8-2-15</i>	Location Inspected
DW..... WW..... TA.....	Bond released
GW..... OS..... PA..... ✓	State or Fee Land

LOGS FILED

Driller's Log..... ✓	
.....	
..... GR-N..... Micro.....	
.....	
ESLog.....	

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 OR GAS WELL SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Hilliard Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
906 Bldg. of the Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
 At surface **SW.NW.SEC.24, T.23 S.; R.18 E., S.L.M.**
 At proposed prod. zone **(1980' from N-line & 660' from W-line)**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 24 miles NW of Moab, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **660'**

16. NO. OF ACRES IN LEASE **2424 ac.**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160 ac.**

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

19. PROPOSED DEPTH **6000'**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4459' grd.; 4471' K.B.

22. APPROX. DATE WORK WILL START*
July 20, 1975

5. LEASE DESIGNATION AND SERIAL NO.
U-4732

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Klondike Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Klondike Unit #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW.NW.Sec.24-23S-18E S.L.M.

12. COUNTY OR PARISH
Grand

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 5/8"	10 3/4"	40.50#	300'	110 sks.
* 8 3/4"				

It is planned to drill a hole at the above location to test the oil and gas possibilities in the Triassic, Permian, And Pennsylvanian formations down to the top of the Paradox salt section which is expected at the approx. depth of 6000'. The well will be spudded near the top of the Summerville formation and will be drilled with rotay tools, using mud for the circulating medium, to total depth. All shows of live hydrocarbons will be tested as they are encountered. Surface casing (10 3/4") will be set at about 300' and thoroughly cemented with returns to the surface. A well -head (Series 900) and a blowout preventer will be installed on top of the surface casing for well control. If serious loss circulation or hole caving problems are encountered, an intermediate string of 7" casing will be run and cemented; and a 6 1/2" hole will be continued. If production is obtained either 5 1/2" or 4 1/2" casing will be run. The normal electric logs will be run and geologic control of the well will be maintained at all times.

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.

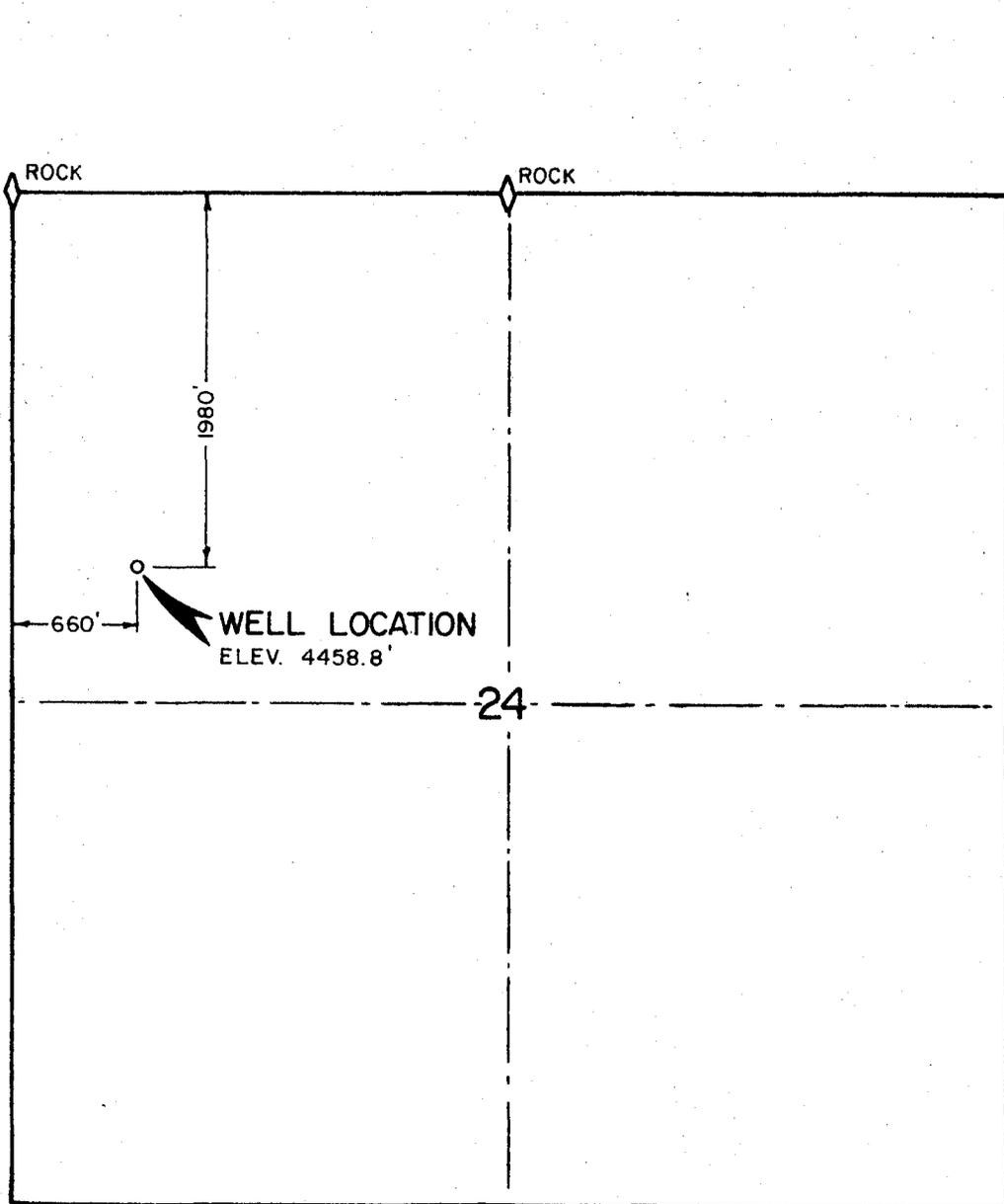
24. SIGNED *H. Now Gingly* TITLE Consulting Geologist DATE June 19, 1975

(This space for Federal or State office use)

PERMIT NO. 43-019-30251 APPROVAL DATE _____
 APPROVED BY *E. W. Seymour* TITLE DISTRICT ENGINEER DATE JUL 11 1975

Approval Notice: State OK 6

WELL LOCATION
1980.0 FT. S.N.L. - 660.0 FT. E.W.L.
SECTION 24, T23 S R18 E S.L.B. 8 M.



Scale 1" = 1000'

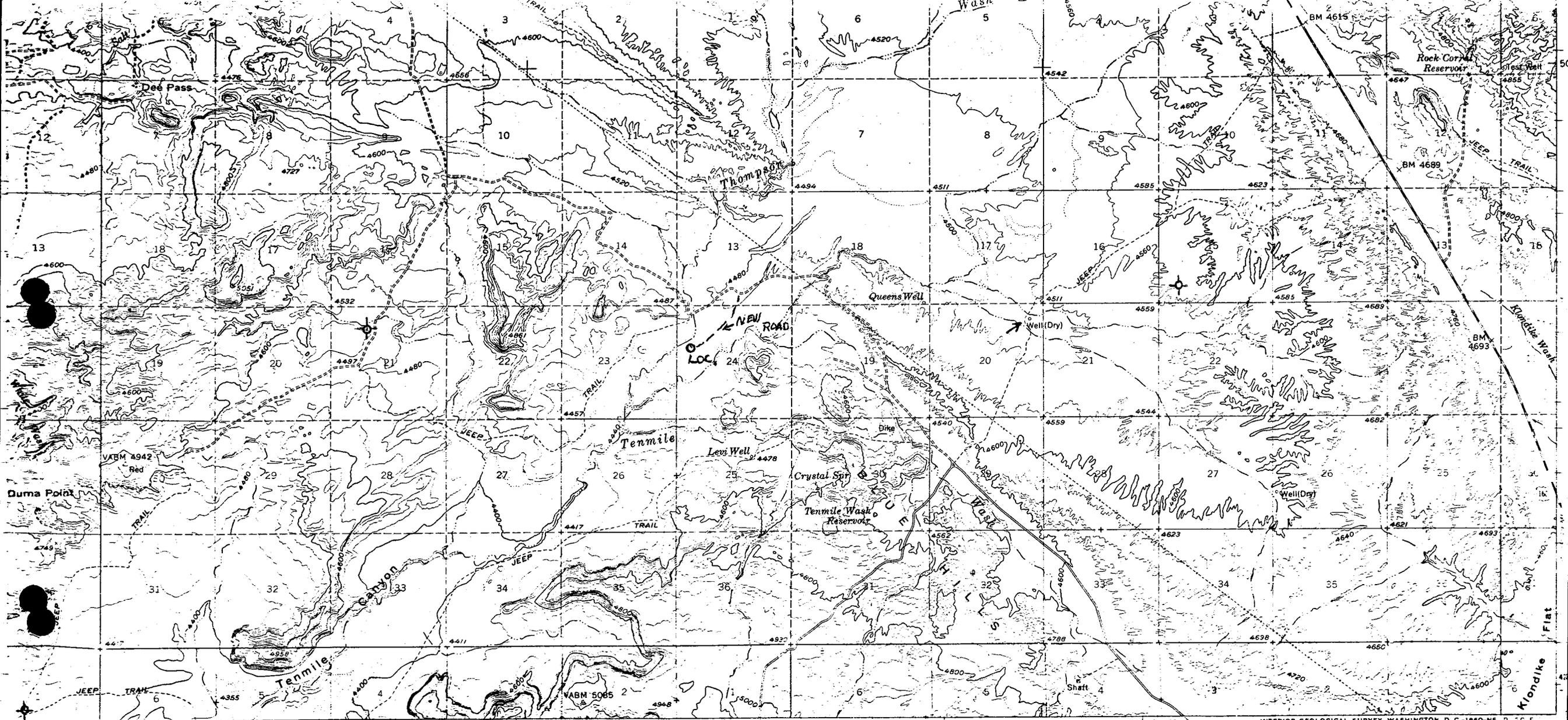
R.P. 233 FT. NORTH
R.P. 100 FT. SOUTH

I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on June 5, 1975.

David L. Bear
Registered Land Surveyor

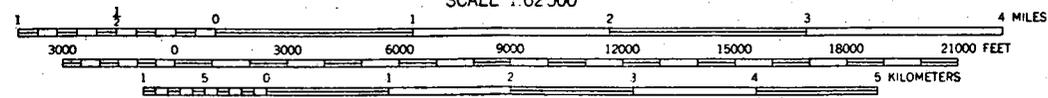
PLAT #1

WESTERN ENGINEERS, INC.
WELL LOCATION
HILLARD OIL & GAS, INC
KLONDIKE UNIT NO. 1
GRAND COUNTY, UTAH
SURVEYED L.C.F. DRAWN R.W.O.
GRAND JUNCTION, COLO. 6/6/75

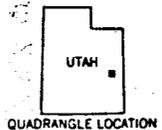
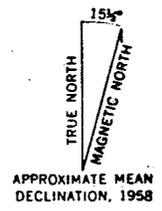


2440000 FEET R 18 E 55' DUBINKY WELL 4.2 MI. (THE KNOLL) 50' R 19 E 4 MI. TO U.S. 160 INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C. 1960-NS R. 20 E 109° 47' 00" W 607000m E

Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography from aerial photographs by photogrammetric methods
 Aerial photographs taken 1955. Field check 1958
 Polyconic projection. 1927 North American datum
 10,000-foot grids based on Utah coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue
 Dashed land lines indicate approximate locations
 Unchecked elevations are shown in brown



CONTOUR INTERVAL 40 FEET
 DOTTED LINES REPRESENT 20-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Medium-duty ——— Unimproved dirt - - - - -
 U.S. Route

CRESCENT JUNCTION, UTAH
 N3845—W10945/15

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

1958
 MAP #1

DESIGNATION OF AGENT

Now Klondike Unit #1 well
P

Supervisor, Oil and Gas Operations:

The undersigned is, on the records of the Geological Survey, Unit Operator under the KLONDIKE unit agreement, Grand County, Utah (state), No. 14-08-0001-14256 approved April 8, 1975 and hereby designates:

NAME: HILLIARD OIL & GAS, Inc.

ADDRESS: 2200 Sand Hill Road, Menlo Park, CA 94025

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. One, in the NW $\frac{1}{4}$ Sec. 24, T. 23 S., R. 18 E., SLM Grand County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the U.S. Geological Survey a completed file of all required Federal reports pertaining to subject well. It is also understood that the designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

ATTEST:

MOUNTAIN FUEL SUPPLY COMPANY

Unit Operator

M Keizer
Assistant Secretary

BY: *Simon*
Executive Vice-President

Handwritten initials/signature

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Williard Oil & Gas
 Klondike Unit #1
 SW/4W SEC. 24
 T23N. R 18E S1M
 GRAND CO. UTAH
 Williard - D. Quigley
 BLM - D. Nealey
 USGS - B. Fiant

- NO EFFECT
- ENHANCE
- MINOR IMPACT
- MAJOR IMPACT

	Construction				Pollution				Drilling Production				Transport Operations			Accidents		Others
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	

Land Use	Forestry	NA																	
	Grazing	/			/		/							/			/		
	Wilderness	NA																	
	Agriculture	NA																	
	Residential-Commercial	M																	
	Mineral Extraction	?																	
	Recreation																		
	Scenic Views	/			/		/		/		/		/		/		/		
	Parks, Reserves, Monuments	NA																	
	Historical Sites	NO EVIDENCE																	
	Unique Physical Features																		
Flora & Fauna	Birds	/			/		/										/		
	Land Animals	/			/		/										/		
	Fish	NA																	
	Endangered Species	NONE KNOWN																	
	Trees, Grass, Etc.																		
Phy. Charact.	Surface Water	NA																	
	Underground Water																		
	Air Quality							/						/					
	Erosion	/																	
	Other																		
Effect On Local Economy																			
Safety & Health																			
Others																			

cc: Casper
 State OFG
 Denver
 BLM - Moor

Lease

U-4732

Well No. & Location Klondike Unit #1 SW/NW SEC 24-T239
RIBE Grand County, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-5

1. Proposed Action

Millard Oil & Gas Inc. propose to drill an exploratory oil & gas test well to the depth of approx. 6000' to clear and level a drilling location 200' x 300' and to construct a reserve pit 75' x 200' to accommodate drilling operations. Construct approx. 1/2 mile of new access road.

2. Location and Natural Setting (existing environmental situation)

The proposed well site is approx. seven miles west of the Moab Airport in the head of Ten Mile Canyon.

The well site is in a barren flat area with some steep canyons to the east and west approx. 1/2 mile from the location.

The access road will follow an existing fence to the location and will cross to minor erosional channels.

The vegetation is very sparse sage brush & native grasses.

The area would probably be good grazing land except for the lack of water.

Wild life is the usual desert fauna with possibly a few deer during the winter months.

3. Effects on Environment by Proposed Action (potential impact)

THE DRILLING AND COMPLETION OF A DRY HOLE WOULD HAVE LITTLE LONG-TERM EFFECT ON THE ENVIRONMENT.

THE LOCATION & ACCESS ROAD CONSTRUCTION WILL REQUIRE ONLY MINIMUM DIRT WORK AND CAN BE EASILY REHABED.

THERE WILL BE A MINOR AMOUNT OF AIR POLLUTION CREATED BY RIG ACTIVITY AND THE SUPPORT TRAFFIC.

THE POLLUTION THREAT IS MINOR IN THIS AREA AND ANY EFFLUENT FROM A BLOW-OUT OR PROBLEM COULD BE EASILY CONTAINED.

- TEMP. DISTURBANCE OF LIVESTOCK & WILD LIFE

- MINOR AMOUNT OF INCREASED EROSION

4. Alternatives to the Proposed Action

NO ALTERNATE LOCATION COULD BE FOUND WHICH WOULD JUSTIFY MOVING THE PROPOSED SITE.

5. Adverse Environmental Effects Which Cannot Be Avoided

- Minor Amount of Air Pollution from Rig Activity & Support Traffic.
- Minor Amount of Induced Erosion
- Temp. disturbance of live stock & wild life
- Temp mess due to drilling activity

6. Determination

(This requested action ~~is~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c)).

Date Inspected

7-10-75

WJG

WJ Martin

Geological Survey

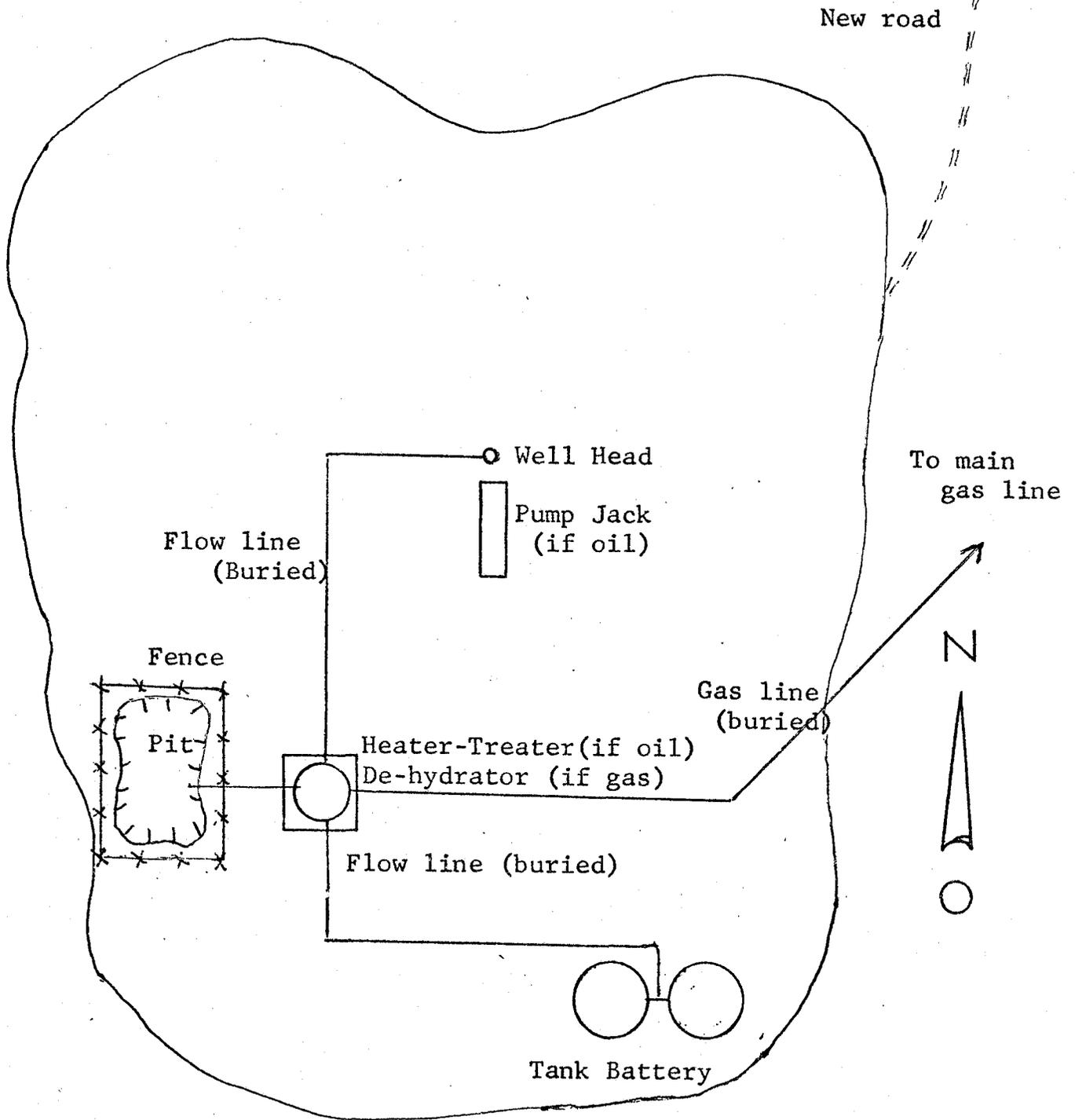
SLC

~~Basin~~ District

~~Casper~~ Wyoming

Salt Lake City, Utah

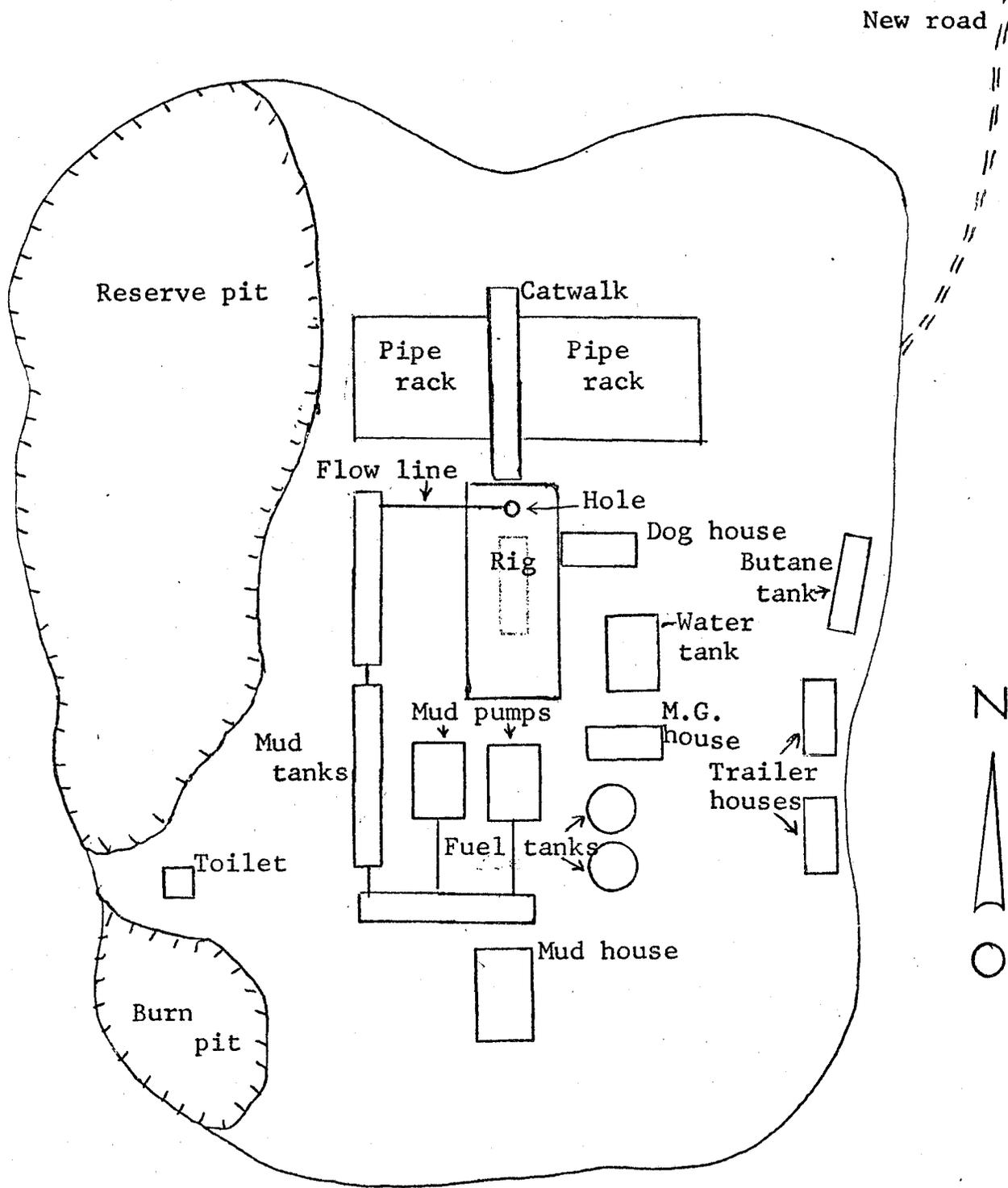
PLAN FOR COMPLETION EQUIPMENT
FOR HILLIARD OIL AND GAS, INC.
KLONDIKE UNIT #1 WELL
SW.NW.SEC.24-23S-18E.
GRAND COUNTY, UTAH



Approx. scale: 1 in. = 50 ft.

PLAT #2

LAYOUT OF DRILLING EQUIPMENT
FOR HILLIARD OIL AND GAS, INC.
KLONDIKE UNIT #1 WELL
SW.NW.SEC.24-23S-18E
GRAND COUNTY, UTAH



Approx scale: 1 in. = 50 ft.

WELL CONTROL EQUIPMENT FOR
HILLIARD OIL AND GAS, INC.
KLONDIKE UNIT #1 WELL
SW.NW.SEC.24-23S-18E
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well:

1. Surface Casing:

- A. Hole size for surface casing is 13 5/8".
- B. Setting depth for casing is approx. 300'.
- C. Casing specs. are: 10 3/4" O.D., 40.50#, J-55, 8 rd. thread
- D. Anticipated pressure at setting depth is approx. 100#
- E. Casing will be run and cemented with 110 sks cement with returns to the surface.
- F. Top of casing will be at ground level.

2. Casing Head:

Flange size: 10" (nominal); A.P.I. pressure rating -3000#; Series 900; Cameron or OCT; new or used; equipped with two 2" ports with high pressure nipples and 2000# W.P. valves; Casing head and valves set above ground.

3. Intermediate Casing (if required):

- A. Hole size for casing is 8 3/4".
- B. Setting depth is unknown but should be around 3000' or less.
- C. Casing specs. are: 7" O.D.; 20.00#; J-55; 8 rd. thread
- D. Anticipated pressure at setting depth is approx. 1000# or less.
- E. Casing will be run and cemented with about 100 sks cement.
- F. Casing will be set in 7" slips inside well head.

4. Blowout Preventers:

- A. 10", Series 900; Shaffer; hydraulic rams; equipped with double rams--4 1/2" rams for drill pipe and one set of blind rams; 3000# W.P.; bolted securely to well head flange and tested for leaks up to 2000#.
- B. 10" Series 900; Type GK Hydril; set on top of BOP and bolted securely and tested for leaks at 2000# minimum pressure.
- C. The fill and kill lines (2") are to be connected thru the 2" valves on the casing head.

5. Auxillary Equipment:

A float valve (3000# W.P.) is to be used in the bottom drill collar at all times. A properly tested stand pipe valve and stand pipe will be kept in good working order at all times. The kelly hose will also be in good working order.

6. Anticipated Pressures:

The shut-in pressure of the potential oil and/or gas zones

in the subject well can only be estimated since there is no nearby production. It is expected that the following pressures might be encountered at the following depths:

- At 2000' or less--- approx. 600# or less
- At 3000' or less--- approx. 850# or less
- At 4000' or less--- approx. 1100# or less
- At 5000' or less--- approx. 1400# or less
- At 6000' or less--- approx. 1750# or less

7. Drilling Fluids:

Mud will be used for circulation in the drilling operations. A mud weight of 8.7 to 9.5 lbs. per gallon will be maintained unless otherwise required for loss-circulation or undue pressure.

8. Production Casing:

- A. Hole size for casing will be 8 3/4" or 6 1/2" (if an intermediate string of casing has been run and cemented).
- B. Approximate setting depth will be 6000' or thru the zone in which commercial production has been indicated, (this could be as shallow as 3500').
- C. Casing specs. are: 5 1/2" O.D.; 15.50#; J-55; or 4 1/2", 10.50#, J-55
- D. Anticipated pressure at setting depth is unknown but should be something less than 1750#.
- E. Casing will be set and cemented with at least 100 sks of cement (depending on the depth the casing is set and on the zones or formations which must be cemented thru to preserve the hole and to prevent contamination).

LOCATION PLANS FOR
HILLIARD OIL & GAS, INC.
KLONDIKE UNIT #1 WELL
SW.NW.SEC.24-23S-18E.
GRAND COUNTY, UTAH

1. A survey plat (Plat #1) for the location of the subject well is attached. Map #1 shows the route to the well site via a dirt road from Hwy. 160 about 14 miles south of Crescent Junction, Utah. The well site is about ten miles northwest along the dirt road from the highway. All the other secondary roads now in use around the proposed well site are also shown on Map.#1.
2. The proposed site is about $\frac{1}{2}$ mile southwest of the dirt road as shown on the map. The new road to the well site will be about 2500 ft. long and will be constructed across fairly flat terrain.
3. The map shows the location of the present wells and dry holes in the area around the proposed location. There are a few old shallow holes, less than 1000' deep, which are not shown.
4. See 1 and 2 above.
5. A plan for the location of the completion equipment, in the event the well is successful, is shown on Plat #2.
6. Water for the drilling operations will be hauled by truck from local washes and streams, and reservoirs.
7. A plat (Plat #3) showing the plan for the equipment layout to be used in the drilling of the proposed well is attached. This plat shows the reserve pit and the trash or burn pit. The excess mud, drill cuttings, and waste water from the drilling operations will be stored in the reserve pit until the well is completed. The trash and burnable material will be put in the burn pit. At the completion of the well, these pits will be folded-in and levelled.
8. See the location of house trailers on Plat #3. No other camp facilities will be needed.
9. The well location is about ten miles west of the Moab airport. No other air strips will be needed.

10. See Plat #3 for the drilling equipment layout.

11. There is little topsoil at the drill site. The drill site is in a flat fill area between two washes; and the surface has sand and silt with some sage brush covering. The rock buttes adjacent to the washes contain sandstone, siltstones, and shales belonging to the Salt Wash member of the Morrison formation and to the underlying Summerville formation. After the well is finished, the well site will be cleaned and levelled, and the pits will be covered. The surface will be graded and reseeded as required.

12. As can be seen by the attached map, the area around the well site is fairly flat and the location work will be minimal. Road construction to the well site will also be minimal and will consist of simple levelling and removal of the sage brush. As mentioned above, the only exposed rocks are $\frac{1}{4}$ to $\frac{1}{2}$ mile away from the well site and belong to the lower Morrison and Summerville formations. There are no exposures of commercial mineralization in the immediate area. A powerline, as shown on the map, is present about $1\frac{1}{2}$ miles northeast of the well site and should not have any interference from the drilling operations. A gas pipeline is located east of the Highway 160, about ten miles from the well site.

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: June 13-
 Operator: Willard Oil & Gas
 Well No: Alondra Unit #1
 Location: Sec. 24 T. 23S R. 18E County: Grand

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:

Administrative Assistant: AW
 Remarks: In Active Unit -
 Petroleum Engineer/Mined Land Coordinator: PS
 Remarks: ok
 Director: 7
 Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. Blowout Prevention Equipment
 Rule C-3(c) Topographical 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

June 24, 1975

Hilliard Oil and Gas Inc.
906 Building of the Southwest
Midland, Texas 79701

Re: Well No. Klondike Unit #1
Sec. 24, T. 23 S, R. 18 E,
Grand County, Utah

Gentlemen:'

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with 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 this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME:
OFFICE: 328-5771

or

CLEON B. FEIGHT - Director
HOME: 466-4455
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.

The API number assigned to this well is 43-019-30251.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

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

PB

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number KLONDIKE UNIT #1

Operator HILLIARD OIL & GAS, INC.

Address 906 Building of the Southwest, Midland, Texas 79701

Contractor SIGNAL DRILLING COMPANY, INC.

Address 1200 Security Life Bldg., Denver, Colorado 80202

Location SW 1/4, NW 1/4, Sec. 24; T. 23 N; R. 18 E; Grand County
23 S W

Water Sands:

Depth: From- To- Volume: Flow Rate or Head - Quality: Fresh or Salty -

1. No water sands were definitely identified or tested.
2. Entire hole drilled with rotary tools & mud.
3. _____
4. _____
5. _____

(Continue on Reverse Side if Necessary)

<u>Formation Tops:</u>	Carmel	670'	Cutler	2622'
	Navajo	770'	Pennsylvanian	
	Wingate	1270'	Honaker Trail	3520'
	Chinle	1620'	Paradox Salt	5272'
	White Rim	2290'		

- 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instructions on
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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 <input checked="" type="checkbox"/> Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. U-4732
2. NAME OF OPERATOR HILLIARD OIL & GAS, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 906 Building of the Southwest, Midland, Texas 79701		7. UNIT AGREEMENT NAME Klondike Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17, below.) At surface 1980' FNL & 660' FWL, Sec. 24, T-23-S, R-18-E, SLM		8. FARM OR LEASE NAME Klondike Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) GR 4459'; KB 4474'	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-23-S, R-18-E, SLM
		12. COUNTY OR PARISH Grand
		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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

- Spudded well on 7-19-75.
- Drilled 15" hole to 370'.
- Set 10-3/4", 40.5#, K-55 csg. @ 367' w/375 sx. Class "B", 2% CaCl. Observed good cement returns to surface.
- Drilled 7-7/8" hole to TD @ 5282'.
Mud logger recorded no commercial shows of oil or gas.
Ran Schlumberger DIL & BHC-Sonic Logs. No shows of oil or gas.
- Requested and obtained approval of plugging plans.
- Plugged well as follows:
 - Left hole loaded w/mud - 8.9#/gal., Vis 45, WL 10.
 - 50 sx cement plug 5130-5280'.
 - 50 sx cement plug 3400-3550'.
 - 70 sx cement plug 2150-2350'.
 - 50 sx cement plug 300- 400'
 - 10 sx cement plug surface - 30'.
- Installed Dry Hole Marker. Final clean-up to be made when pits have dried.

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

SIGNED

Darrell K. Conroy

TITLE

Manager of Operations

DATE

8-18-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form Approved
Budget Bureau No. 42-R355.5

PI
5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
HILLIARD OIL & GAS, INC.

3. ADDRESS OF OPERATOR
906 Building of the Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 660' FWL
At top prod. interval reported below
At total depth Random

14. PERMIT NO. _____ DATE ISSUED 7-11-75

5. LEASE DESIGNATION AND SERIAL NO.
U-4732

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Klondike Unit

8. FARM OR LEASE NAME
Klondike Unit

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T., R., M., ON BLOCK AND SURVEY OR AREA
Sec. 24, T-23-S, R-18-E, SLM

12. COUNTY OR PARISH Grand 13. STATE Utah

15. DATE SPUDDED 7-19-75 16. DATE T.D. REACHED 8-7-75 17. DATE COMPL. (Ready to prod.) P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 4459'; RKB 4474' 19. ELEV. CASINGHEAD 4459'

20. TOTAL DEPTH, MD & TVD 5282' 21. PLUG, BACK T.D., MD & TVD P&A 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5282' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None - Dry Hole 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger DTL & BHC-Sonic 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5	367'	15"	375 sx Class "B", 2% CaCl	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
None	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
Logs to be furnished direct from Schlumberger.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Darrell Roney TITLE Manager of Operations DATE 8-18-75

*(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 18: 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No cores or tests made.			
			38. GEOLOGIC MARKERS
	MEAS. DEPTH	TOP	
	TRUE VERT. DEPTH		
	NAME		
	670'		
	770'		
	1270'		
	1620'		
	2290'		
	2622'		
	3520'		
	5272'		
	Carmel		
	Navajo		
	Wingate		
	Chinle		
	White Rim		
	Cutler		
	Pennsylvanian		
	Honaker Trail		
	Paradox Salt		



CALVIN L. RAMPTON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
September 11, 1975

Hilliard Oil and Gas, Inc.
906 Bldg. of the Southwest
Midland, Texas 79701

Re: Well No. Klondike Unit #1
Sec. 24, T. 23S, R. 18 E.
Grand County, Utah

Gentleman:

This letter is to advise you that the electric and or radioactivity logs for the above referred to 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 on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER
RECORDS CLERK

PI

HILLIARD OIL & GAS, INC.

906 Building of the Southwest, Midland, Texas 79701 · (915) 684-8271

k

September 16, 1975

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

[Handwritten mark]

Attn: Kathy Ostler

Re: Hilliard Oil & Gas, Inc.
KLONDIKE UNIT #1
Sec. 24, T-23-S, R-18-E
Grand County, Utah

Gentlemen:

In response to your letter of 9-11-75, we forward the attached copies of logs run on the subject well.

We find that we do not have a copy of the Rules & Regulations for the Division of Oil, Gas and Mining. We are primarily interested in rules regulating oil and gas operations.

Very truly yours,

HILLIARD OIL & GAS, INC.

[Signature of Darol K. Ramey]
Darol K. Ramey
Manager of Operations

DKR:1b
Attachments

SEP 18 1975