

FILE NOTATIONS

Entered in NID File ✓

Entered On S.R. Sheet

Location Map Pinned ✓

Card Indexed

IWR for State or Fee Land

COMPLETION DATA

Date Well Completed

OW..... WW.....

GW..... OS.....

Driller's Log.....

Electric Logs (No.

E..... I.....

Let.....

N..... Micro.....

Express.....

.....
.....
.....
.....
.....
.....
.....
.....



P.O. Box 2659
Casper, Wyoming 82602
Telephone 307/235-2511

May 13, 1980

Mr. Mike Minder
Petroleum Engineer
State of Utah
Division of Oil, Gas & Minerals
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
MAY 16 1980

DIVISION OF
OIL, GAS & MINING

Re: Thousand Dollar #1-10

Sec. 10, T9N, R5E
Rich County, Utah

Dear Mr. Minder:

Submitted for your consideration is a list of equipment and procedures proposed for the monitoring and control of any H₂S gas encountered during the drilling of the above referenced well.

The drilling rig will be spotted so as the prevailing wind is blowing towards the pits. The mud loggers and other trailers on location will be placed at safe distances from the B.O.P. stack, (a minimum of 125 feet). Radio or telephone communications will be available at the rig.

A copy of the complete Procedure & Operational Safety Program will be mailed to your office as soon as it is made available to us from the Safety Engineering Contractors. This Procedure will contain: Purpose of Program, Operating Procedures, Procedure Program, H₂S Emergency Procedures, Igniting the Well, Emergency Phone Numbers and, etc.

The following equipment will be on location prior to spudding:

1. Siren (Explosion Proof).
2. Three fixed gas monitors.
3. Flashing warning light (Explosion Proof).
4. 12 - 40 cubic feet, self-contained breathing apparatus.

The following contingency plan will be put into effect at approximately 4,500', or 1,000' above anticipated entry of the Dinwoody:

1. Sufficient 40 cubic feet self-contained breathing apparatus will be available and placed at critical locations to protect operating personnel on location.

Mr. Mike Minder

Page Two

2. Dual monitor complete with visual and audible alarm system. (One Monitor will be located at the bell nipple and the other at the shale shaker).
3. Three wind socks with streamers.
4. Marked locations of designated safe areas and escape routes.
5. Warning signs will be located no closer than 1/2 mile from the drilling site.
6. Personnel will be trained in the use of all safety equipment. (Names and dates of training will be posted on location).
7. An approved contingency plan will be available and posted on location prior to starting operations.
8. Only authorized personnel will be allowed on drill site.
9. Initial contact will be made with local Sheriff's office, District Highway Patrol office, and area medical personnel.
10. Two bug fans, flowing opposite designated safe areas.
11. Safety trailer with 15-300 C.F. cylinder cascade air supply system.
12. 1,000' low pressure air line hose with quick connects.
13. Two low pressure manifolds.
14. Eight air line masks with emergency escape cylinders.
15. Six 30-minute self-contained breathing apparatus.
16. First aid kit (36 unit).
17. Oxygen powered resuscitator with cylinder.
18. Flare gun with shells.
19. Gas detector (pump type).

If you require any information, please do not hesitate to call me.

Very truly yours,

MARATHON OIL COMPANY



K. A. Thoma
Drilling Superintendent

KAT/WEW:cas

Mr. Mike Minder

Page Three

cc: Mr. Ed Guynn
District Engineer
U.S.G.S.
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Mr. George Diwachak
Environmental Scientist
U.S.G.S.
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Mr. R.F. Bolender
Marathon Oil Company
P.O. Box 120
Casper, Wyoming 82602

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-25474

and hereby designates

NAME: Marathon Oil Company
ADDRESS: P. O. Box 120
Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 North, Range 5 East

Section: 10

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

ARKLA EXPLORATION COMPANY

By

B. D. Kline

B. D. Kline, Secretary & Treasurer

By

Leonard E. Jordan

(Signature of lessee)

Leonard E. Jordan, Sr. Vice President

5-8

1980

(Date)

P. O. Box 21734, Shreveport, LA 71151

(Address)

*Copies mailed to USAs
5-19-80
[initials]*

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City
SERIAL NO.: U-25474

and hereby designates

NAME: Marathon Oil Company
ADDRESS: P. O. Box 120
Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 North, Range 5 East, SLM
Section 10: Lots 1-6, S/2NE/4, SE/4NW/4,
E/2SW/4, SW/4SW/4, SE/4
Rich County, Utah

Containing 516.36 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

GRACE PETROLEUM CORPORATION

By: 

(Signature of lessee)

R. L. McHenry, Assist. Vice Pres.
Three Park Central, Suite 200
1515 Arapahoe Street

(Address)

Denver, Colorado 80202

May 7, 1980

(Date)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

SERIAL NO.: BLM-U-25474

and hereby designates

NAME: Marathon Oil Company

ADDRESS: BOX 120 - 159 N. Wolcott
Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 North, Range 5 East
Section 10: Lots 1-6, S/2NE, SENW, E/2SW,
SWSW, SE

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

PATRICK PETROLEUM CORPORATION OF MICHIGAN

Paul W. Fairchild

(Signature of lessee)

Paul W. Fairchild
950 17th Street #1655
Denver, Colorado 80202

(Address)

April 30, 1980

(Date)

Form 9-1123

(Submit in Triplicate)

KINZEL'S, CASPER

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Bureau of Land Management, Salt Lake City, Utah
 SERIAL NO.: U-25474

and hereby designates

NAME: Marathon Oil Company
 ADDRESS: P. O. Box 120, Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease 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 (describe acreage to which this designation is applicable):

Township 9 North - Range 5 East
 Section 10: Lots 1-6, S/2 NE/4 SE/4 NW/4,
 E/2 SW/4, SW/4 SW/4, SE/4

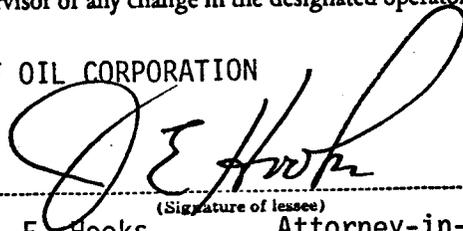
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

GULF OIL CORPORATION

By



(Signature of lessee)

J. E. Hooks Attorney-in-Fact
 P. O. Box 2619
 Casper, Wyoming 82602

(Address)

April 29, 1980

(Date)

ACCESS ROAD

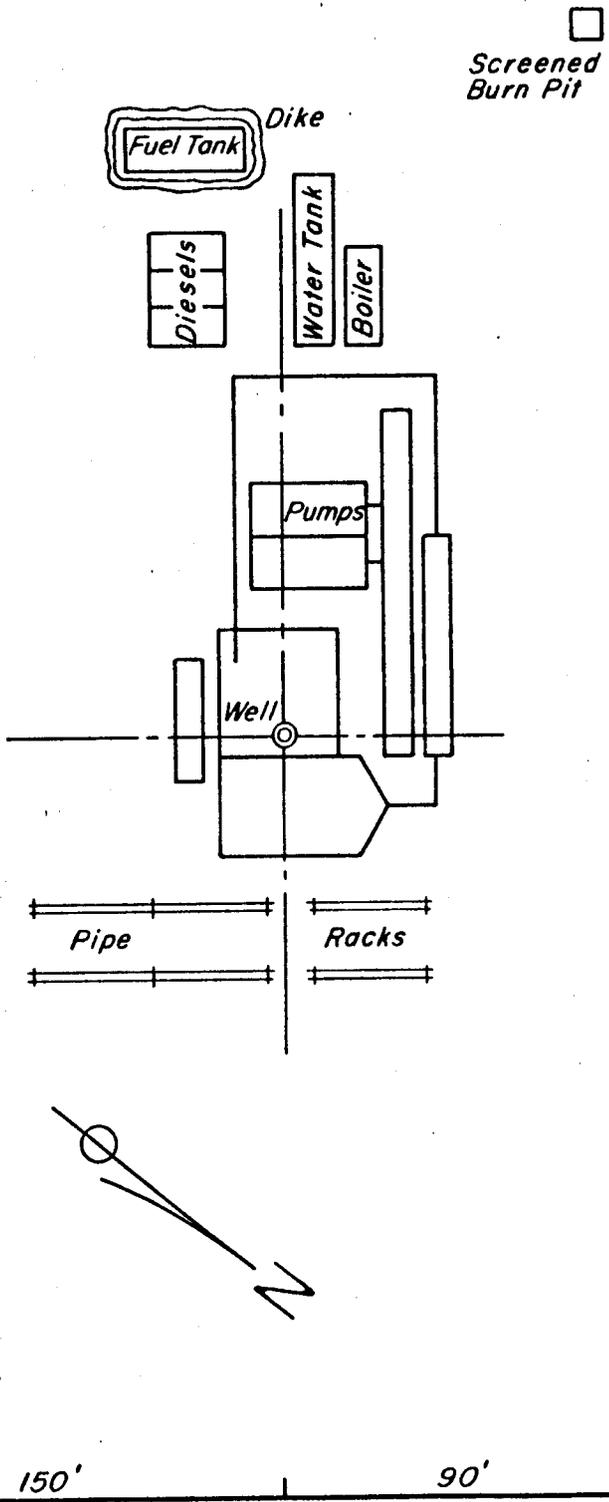


Trailers

400'



Parking Area



Screened Burn Pit

Fuel Tank

Dike

Diesels

Water Tank

Boiler

Pumps

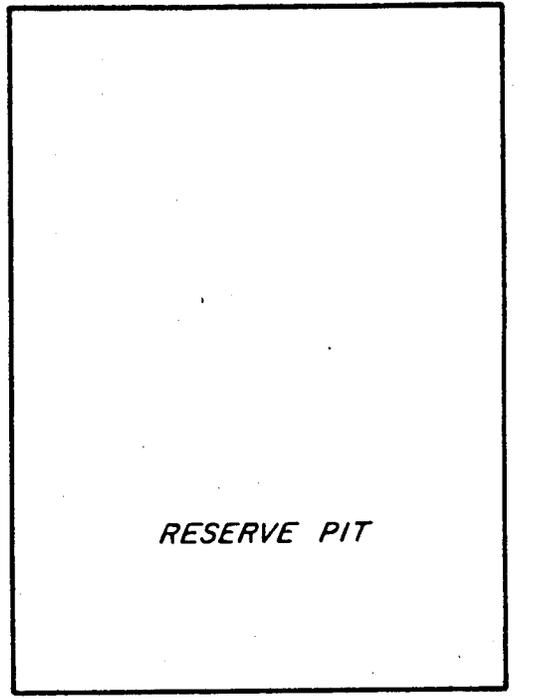
Well

Pipe

Racks

150'

90'



200'

RESERVE PIT

20'

Flare Pit

20'

150'

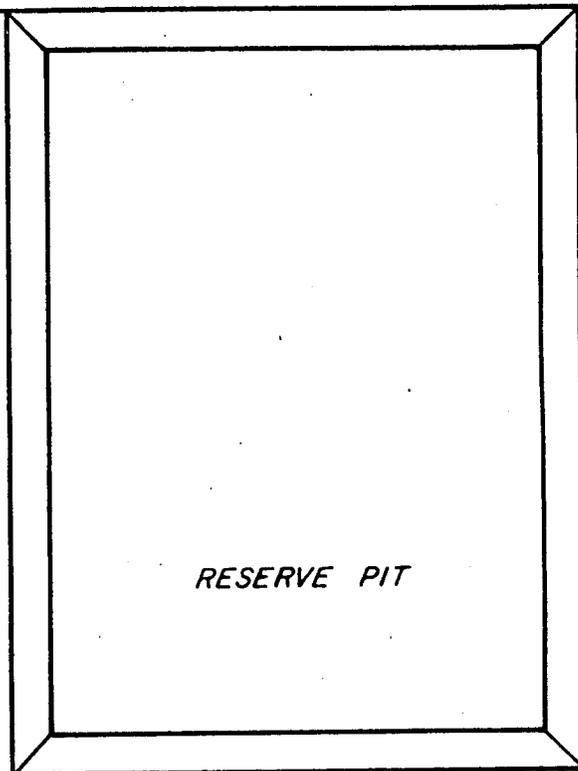
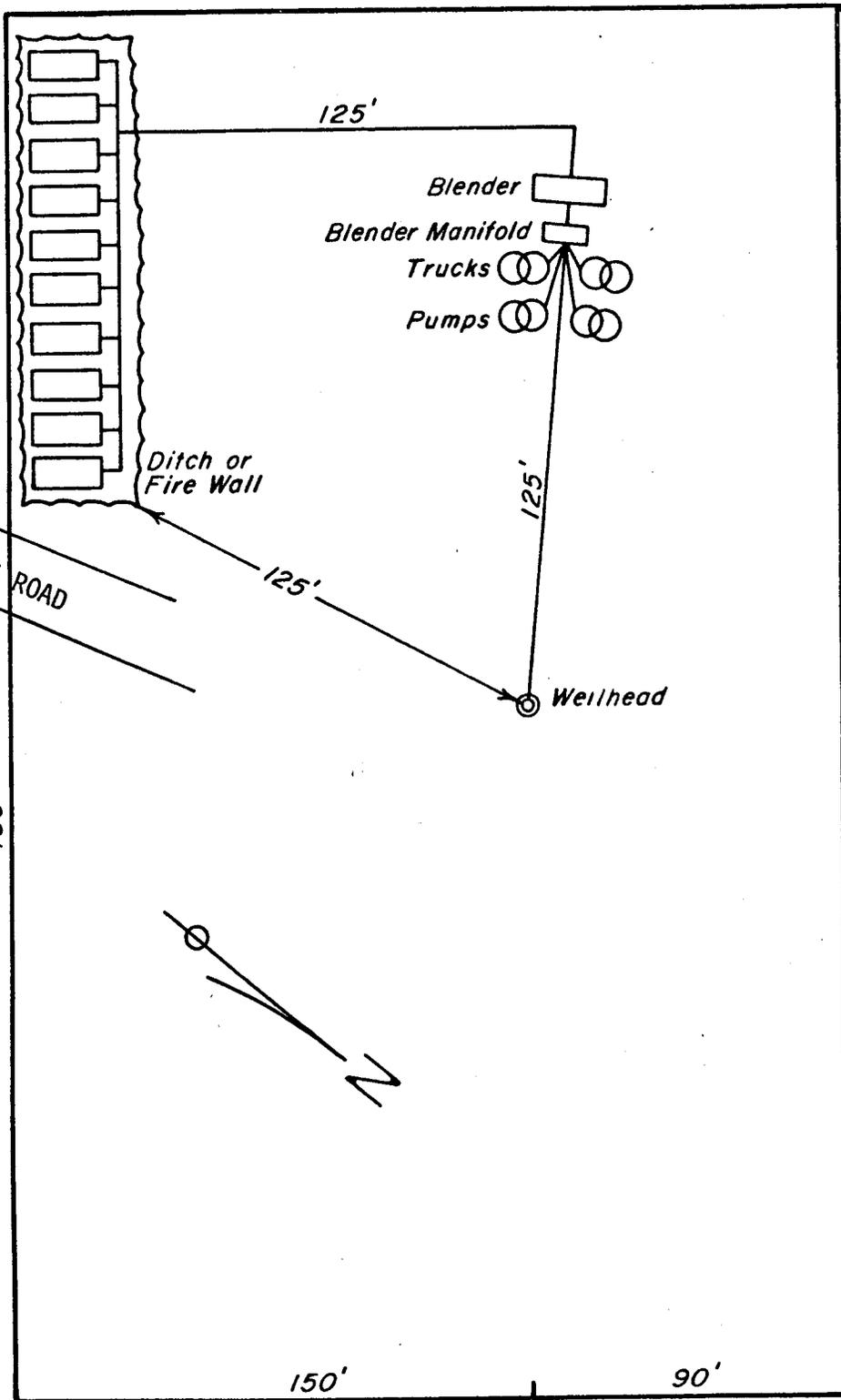
Thousand Dollar #1-10
1,129' FSL & 1,286' FWL
Sec. 10, T9N, R5E
Rich County, Utah
7,865' GL

**SCHEMATIC
of
RIG LAYOUT**

Scale 1" = 50'

DIAGRAM



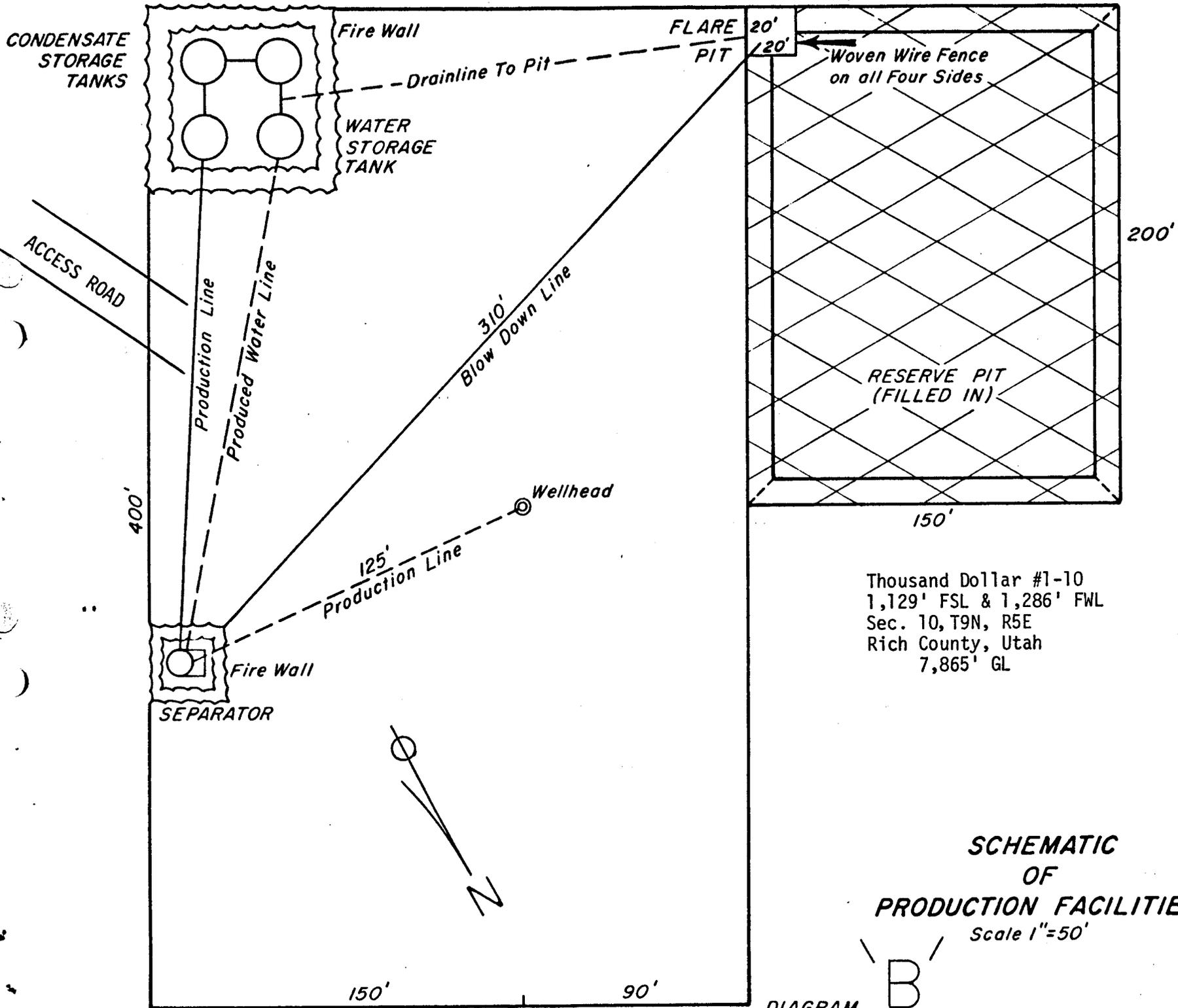


Thousand Dollar #1-10
 1,129' FSL & 1,286' FWL
 Sec. 10, T9N, R5E
 Rich County, Utah
 7,865' GL

FRAC LAYOUT
 Scale 1" = 50'

DIAGRAM



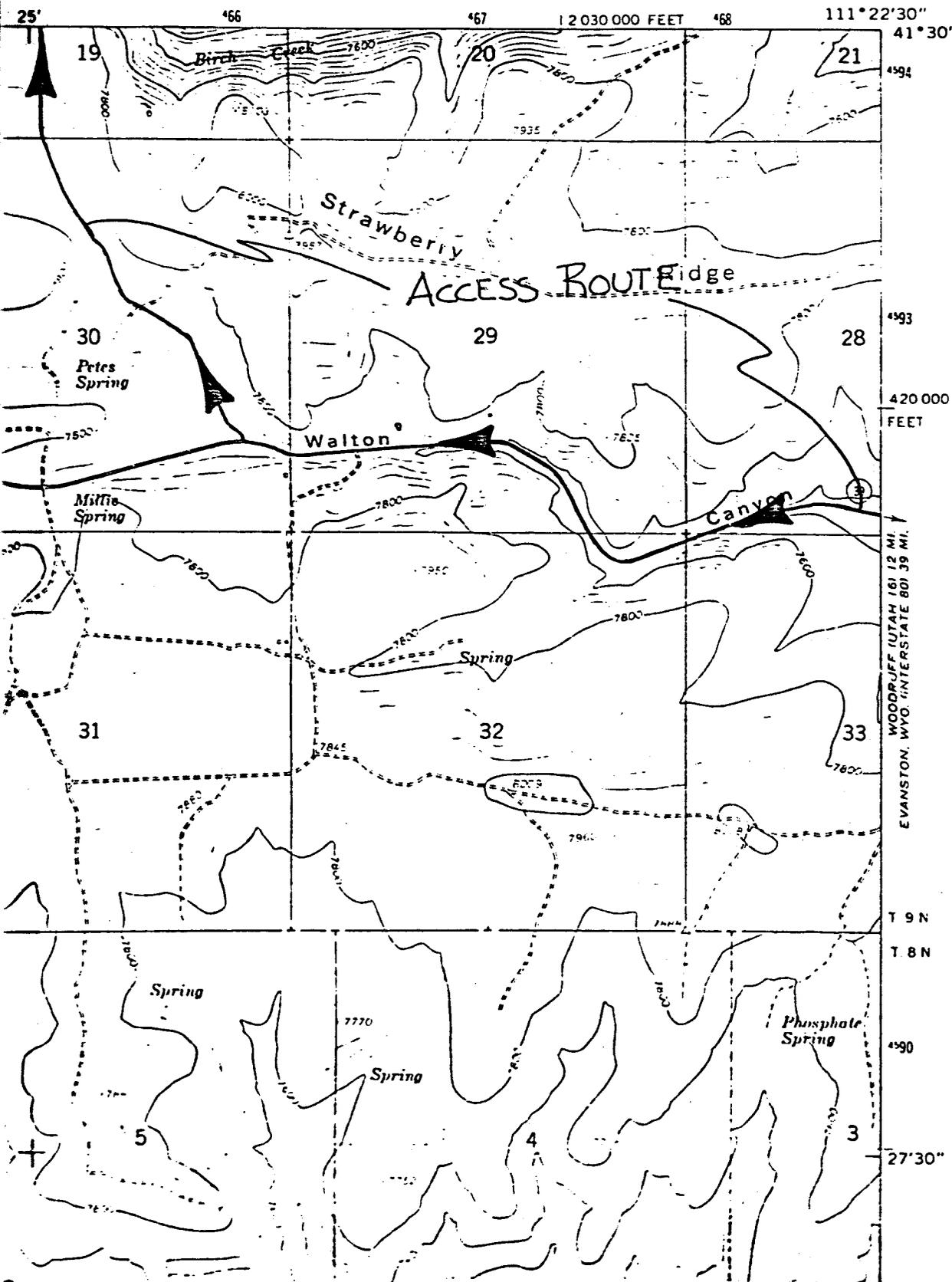


Thousand Dollar #1-10
 1,129' FSL & 1,286' FWL
 Sec. 10, T9N, R5E
 Rich County, Utah
 7,865' GL

**SCHEMATIC
 OF
 PRODUCTION FACILITIES**
 Scale 1"=50'

DIAGRAM **B**

DAIRY RIDGE QUADRANGLE
 UTAH
 7.5 MINUTE SERIES (TOPOGRAPHIC)



ACCESS ROUTE MAP

FOR
 MARATHON OIL COMPANY
 THOUSAND DOLLAR UNIT, WELL No. 1-10
 LOCATED IN SW/4, SEC. 10, T9N, R5E
 BY

WILLIAM H. SMITH & ASSOCIATES, P.C.
 SURVEYING CONSULTANTS

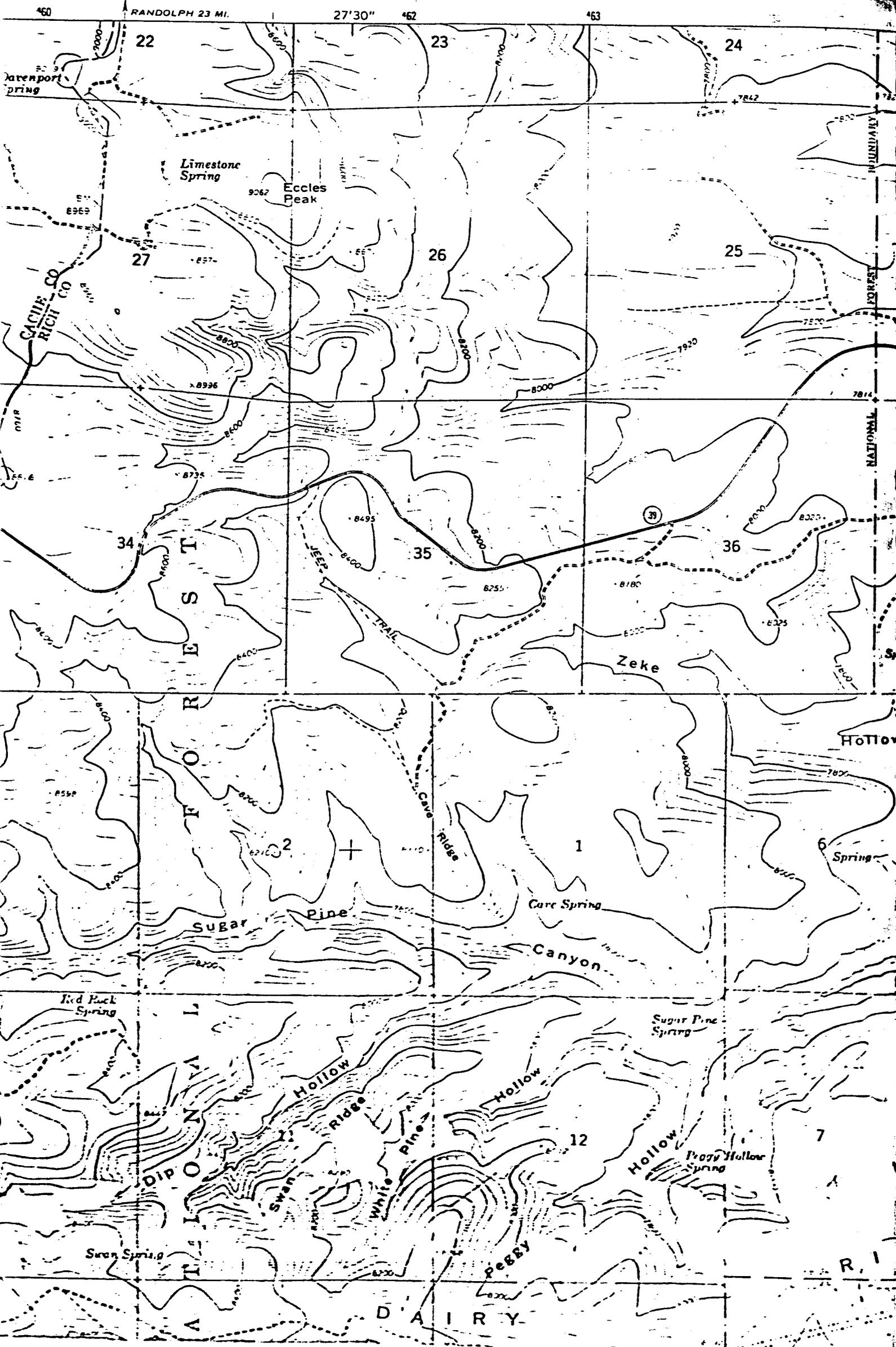
BY: RR

MAY 8, 1980

Job No. 189-79

SHEET 1 OF 3

R I O R



R.4E.

R.5E.

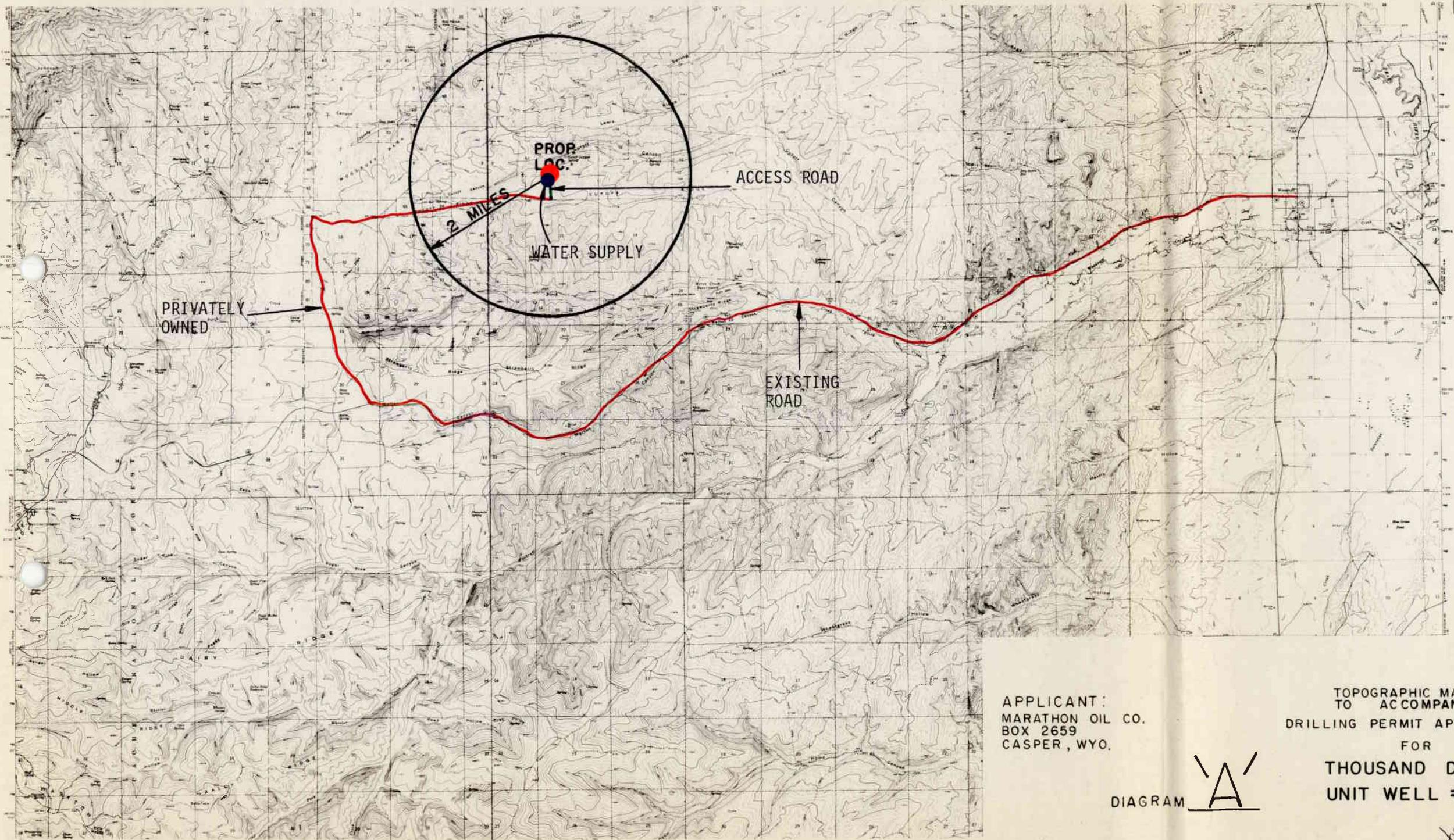
R.6E.

R.7E.

T.10N

T.9N

T.8N



APPLICANT:
 MARATHON OIL CO.
 BOX 2659
 CASPER, WYO.

TOPOGRAPHIC MAP
 TO ACCOMPANY
 DRILLING PERMIT APPLICATION
 FOR
 THOUSAND DOLLAR
 UNIT WELL # 1-10

DIAGRAM A

Extra

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
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1,129' FSL & 1,286' FWL SW SW
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 1/2 miles West, 2 miles North, 2 1/2 miles East of Woodruff, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1,129'

16. NO. OF ACRES IN LEASE
945.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
639.54

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
12,000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,865' G.L.

22. APPROX. DATE WORK WILL START*
June 1, 1980

5. LEASE DESIGNATION AND SERIAL NO.
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH
Rich

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see Item #4 of 10-Point Program for complete casing and cementing program				

Please see the following attachments:

1. Surveyor's Plat
2. Ten-Point Drilling Program
3. BOP Schematic
4. Thirteen-Point Surface Plan
5. Maps & Diagrams

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 6-30-80
BY: Mrs. J. Pinder

RECEIVED
MAY 21 1980

DIVISION OF OIL, GAS & MINING

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 Bob Cobby TITLE District Operations Manager DATE May 13, 1980

(This space for Federal or State office use)
PERMIT NO. 43-033-30027 APPROVAL DATE 6/30/80

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

P.O. BOX 654
 GREEN RIVER, WYOMING
 82935
 TELEPHONE: (307) 875-3638

WILLIAM H. SMITH & ASSOCIATE
 SURVEYING CONSULTANTS

P.O. BOX 1300
 MOAB, UTAH
 84532
 TELEPHONE: (801) 259-6861

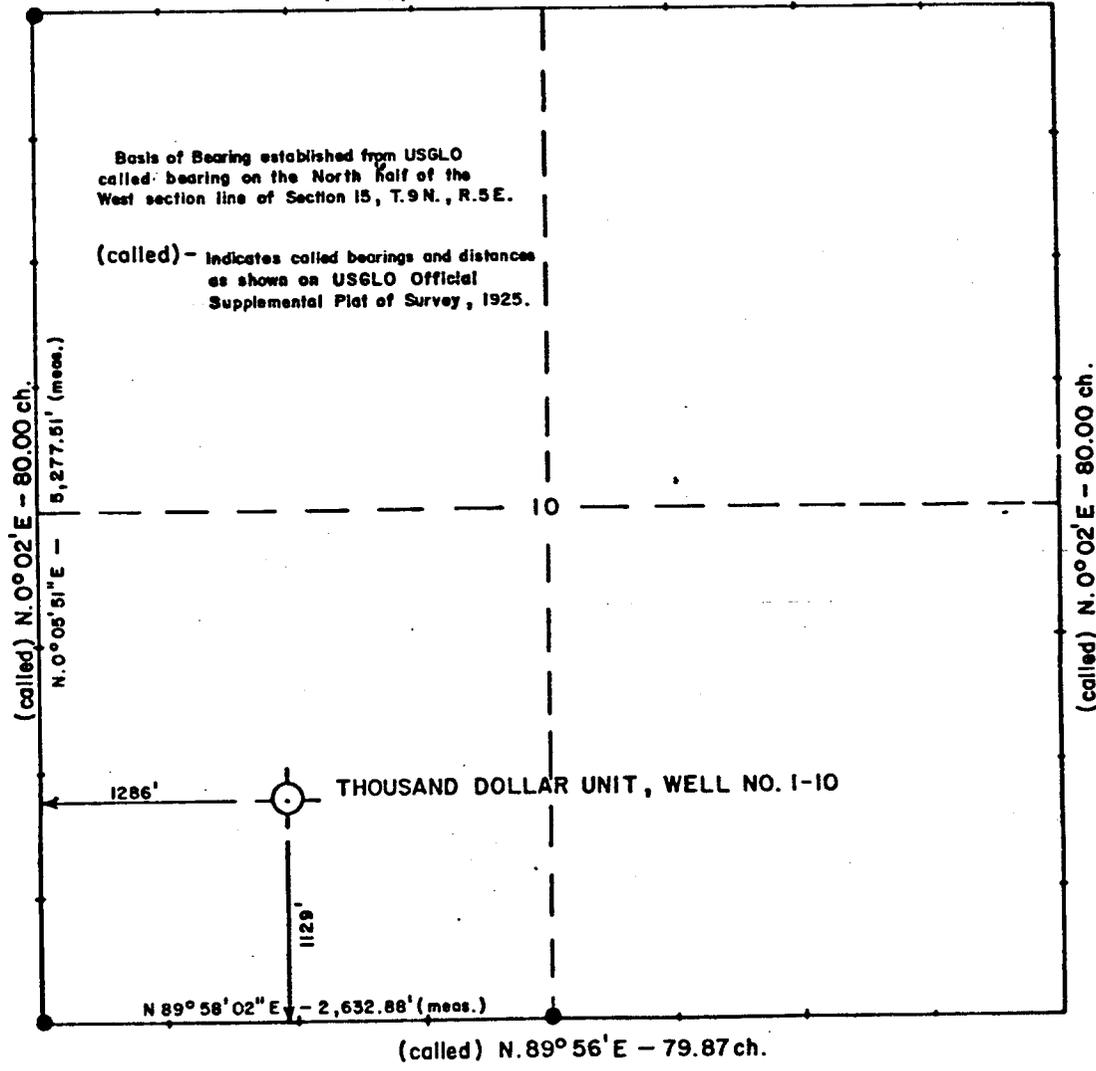
T 9 North R 5 East

(called) EAST - 79.70 ch.



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Walt West of Casper, Wyoming for Marathon Oil Company
Randy Rowley under my supervision and direction made a survey on the 7th day of May,
 1980 for location and elevation of the Thousand Dollar Unit, Well No. 1-10. As shown on
 the above map, the wellsite is in the SW/4 of Section 10, Township 9 North, Range 5 East
 of the Salt Lake Base & Meridian, Rich County, State of Utah. Elevation is 7,865
 feet ungraded ground Datum established from spot elevation at the Southwest section corner of Section 10,
T9N, R5E, as shown on U.S.G.S. 7 1/2' topo "BIRCH CREEK RESERVOIRS, UTAH."
 Reference Point 300' NORTH, rebar and lath, Elevation top of rebar = 7,844.4'
 Reference Point 300' SOUTH, rebar and lath, Elevation top of rebar = 7,870.7'
 Reference Point 300' EAST, rebar and lath, Elevation top of rebar = 7,851.9'
 Reference Point 300' WEST, rebar and lath, Elevation top of rebar = 7,855.7'

William H. Smith
 UTAH R.L.S. NO. 2764

MARATHON OIL COMPANY
DRILLING OPERATIONS PLAN

DATE: May 13, 1980

WELL NAME: Thousand Dollar #1-10

LOCATION: 1,129' FSL & 1,286' FWL, Sec. 10, T9N, R5E, Rich Co., Utah
ELEVATION: 7,865' GL

1. Geologic name of the surface formation:
Tertiary Wasatch Formation
2. Estimated tops of important geological markers:

<u>Formation/System</u>	<u>Depth</u>	<u>Datum</u>
Wasatch	Surface	+7,798'
Nugget	450'	+7,348'
Ankareh	1,650'	+6,148'
Thaynes	3,100'	+4,698'
Woodside	4,900'	+2,898'
Dinwoody	5,650'	+2,148'
Phosphoria	6,000'	+1,798'
Weber	6,600'	+1,198'
Amsden	7,200'	+ 598'
Madison	7,500'	+ 298'
Devonian	9,300'	-1,502'
Silurian	9,900'	-2,102'
Ordovician	10,550'	-2,752'
T.D.	12,000'	-4,202'

Formation tops are uncertain due to poor seismic reflections, undetectable faulting, and possible overturned beds.

3. Estimated depths at which oil, water, gas or other mineral bearing formations are expected to be encountered:

<u>Formation/System</u>	<u>Possible Content</u>	<u>Depth</u>
Thaynes	Gas	3,100'
*Dinwoody	Gas	5,650'
Phosphoria	Gas	6,000'
Madison	Gas	7,500'
Ordovician	Gas	10,550'

*Primary Objective

MARATHON OIL COMPANY
 DRILLING OPERATIONS PLAN
 PAGE TWO

4. The Proposed Casing Program:

Casing Design

CASING STRING	HOLE SIZE	INTERVAL	SECTION LENGTH	SIZE (OD)	WEIGHT, GRADE AND JOINT	NEW OR USED	MUD WEIGHT	(1000#) TENSION LOAD	SF _t	SF _c	SF _b
Conductor	28"	0-40'	40'	24"	Thinwall Steel Pipe	New	N/A	N/A	N/A	N/A	N/A
Surface	17-1/2"	0-2000'	2000'	13-3/8"	54.5#, K55, STC	New	8.4-8.6	119	4.60	1.18	2.85
		2000-2500'	500'	13-3/8"	61.0#, K55, STC	New	8.4-8.6	10	65.0	1.29	2.58
*Intermediate	12-1/4"	0-1650'	1650'	9-5/8"	36.0#, S80, LTC	New	8.6-8.8	252	2.40	3.47	4.40
		1650-7500'	5850'	9-5/8"	40.0#, S80, LTC	New	8.6-8.8	193	3.60	1.18	1.10
Production	8-3/4"	0-12,000'	12,000'	7"	26.0#, SS95, **	New	8.6-8.8	272	2.08	1.36	1.14

*The exact setting depth of the intermediate casing will be determined by hole conditions. If no hole problems are encountered and intermediate casing is not run, hole size will be reduced from 12-1/4" to 8-3/4" at a specified depth which will be determined during the drilling stage.

**Special clearance coupling with 7.375" outside diameter.

Cement Program:

Surface 1620 sacks Halliburton Light containing 3% salt and 1/4 lb. flocele/sack.
 850 sacks Class "G" containing 1/4 Lb. flocele/sack.
Intermediate Casing String 610 sacks Halliburton Light containing 3% salt and 1/4 lb. flocele/sack
 210 sacks Class "G" containing 1/4 lb. flocele/sack

Production The actual cement volumes and tops shall be determined from logs during the drilling phase.

5. Pressure Control Equipment:

One annual BOP (Hydril) and dual ram type BOP with pipe rams and blind rams. All equipment to have a 5,000# or better working pressure. The accumulator will be of sufficient size to close and open all components of the BOP stack without operating pump. Operations of all components to be checked daily. Blind rams and pipe rams will be pressure tested to 3,000 psi and the Hydril will be tested to 1,500 psi prior to drilling out of surface and intermediate casing. If intermediate casing is not set, BOP testing procedures will be in compliance with State and Federal Regulatory Agencies.

6. Drilling Mud Program:

From	To	Type Mud	Weight	Water Loss
Surface	2,500'	Gel	8.4-8.6	No Control
2,500'	7,500'	Gel	8.6-8.8	Less than 15 cc
7,500'	T.D.	Gel	8.6-8.8	Less than 10 cc

Lost circulation may be encountered in the surface casing interval. A low solids, nondispersed mud is suggested to be used from 2,500' to T.D.

Anhydrite and gypsum can be expected in the Ankareh, Thaynes and several other deeper formations.

H₂S may be encountered in the Phosphoria, and an H₂S scavenger and corrosion agent will be used in this interval. A maximum mud weight of 8.7 was recorded at T.D. in two nearby wells.

7. Auxillary Equipment Required:

A drilling rate recorder, calibrated to record drilling time for each one foot interval will be used. The mud system will include a desander, desilter, gas separator, degasser, trip tank, pit level monitor and flow-line sensor. Both a remote adjustable choke and a manual choke will be used.

A kelly cock will be used, a TIW safety valve and inside BOP will be available on the rig floor.

A casinghead bore protector will be installed after setting surface casing and will be in use and monitored for wear during all drilling operations.

A hydrogen sulfide respiratory drill site unit will be placed on location, and the crews will be thoroughly trained in H₂S safety.

Mud line flow rate indication and recording equipment (i.e. the Visulogger System, Totco) shall be used during drilling operations.

From	To	Maximum Distance Between Surveys	Maximum Deviation From Vertical	Maximum Change Per 100' of Depth
0'	2,500'	100'	*	10
2,500'	7,500'	100'	*	10
7,500'	12,000'	100'	*	10

* High angle dips will make deviation control difficult. Hole deviation has been a problem in all nearby wells. Survey interval will be dependent on hole condition and severity of deviation problem.

8. Testing, Logging, Coring and Fracing Program:

Drilling samples will be taken every 10' from surface to T.D. or as directed by the wellsite geologist or engineer. A two-man logging unit with H₂S detection equipment will be assigned to the well from surface to T.D.

8. Testing, Logging, Coring and Fracing Program (cont'd):

A BHC-Sonic and GR will be run from 2,500' to surface. A GR-FDC-CNL, SP-DIL, SP-DLL, BHC-Sonic, dipmeter-cal, directional log, and fracture identification log will be run from the intermediate casing setting depth to the surface casing setting depth prior to running the 9-5/8" intermediate casing, and from T.D. to the intermediate setting depth prior to running the 7" production casing. A computer evaluation shall be applied to zones of interest.

A casing inspection log will be run in the 9-5/8" intermediate casing prior to hanging a liner.

During the drilling phase, a determined number of DST's and cores will be utilized to insure proper formation evaluation.

Fracing Program:

This well will be fracture treated if necessary. If fractured, the volume will be dependent on reservoir height and permeability. (Typical jobs may vary from 20,000 gals to 200,000 gals). Temporary storage facilities for volatile fluids will be placed no closer than 125 feet from any well. They will also be located to take advantage of the prevailing wind by being down stream from any engines or other sources of ignition. Operating equipment and other sources of ignition will be kept 125 feet from the well and storage facilities during operation which utilize volatile fluids. Ditches and/or dikes will be used to divert catastrophic spillages of volatile fluids away from personnel, well head, and equipment. Prior to commencing operations requiring volatile fluids, all employees and contractors on location will be informed of procedures and safety hazards through an on-site safety meeting.

See Diagram "E" for frac layout

9. Abnormal Conditions:

A normal temperature and pressure gradient is anticipated.

10. Anticipated Starting Date and Duration:

Starting Date: 2nd Quarter 1980

Duration: 170 days

Name: K.A. Thomas

Title: DRILLING SCPT.

Date: MAY 13, 1980

MARATHON OIL COMPANY
SURFACE USE & OPERATIONS PLAN

DATE: May 13, 1980

WELL NAME: Thousand Dollar #1-10

LOCATION: 1,129' FSL & 1,286' FWL, Sec. 10, T9N, R5E, Rich Co., Utah

#1 Existing Roads:

- A. Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes).

See Survey Plat.

- B. Route and distance from nearest town and locatable reference point to where well access route leaves main road. 14.2 miles west of Woodruff, Utah, on Highway 39, turn right, travel north on existing county road for 2 miles, turn right on existing BLM road for 3 miles, turn right on flagged access road for approx. ½ mile. See map diagram "A" color coded red.

- C. Access road(s) to location color-coded or labeled.

See map diagram "A" color coded green.

- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.).

All existing roads within 3 mile radius is county roads and improved trails, surface fair to poor condition. There are some small portions that are privately owned. See map diagram Part of "A".

- E. If development well, all existing roads within a 1-mile radius of well site.

Not Applicable

- F. Plans for improvement and/or maintenance of existing roads.

Blade and graveled where needed.

#2 Planned Access Roads:

Map showing all necessary access roads to be constructed or reconstructed, showing:

- (1) Width 16'
- (2) Maximum grades 5° to 8° for 400', remaining 1° to 3°.
- (3) Turnouts None required
- (4) Drainage design Ditched & crowned
- (5) Location and size of culverts and brief description of any major cuts and fills.
No culverts are anticipated.
- (6) Surfacing material
Gravel
- (7) Necessary gates, cattleguards, or fence cuts.
No cattle guards will be required. There will be no fence cuts.
- (8) (New or reconstructed roads are to be center-line flagged at time of location staking).

All new access road is center lined flagged, and was walked 40' on each side by Archeologist from the University of Utah. See map diagram "A" color coded green.

B. If new facilities are contemplated, in the event of production, show:
(cont'd)

(4) Protective measures and devices to protect livestock and wildlife.

Woven wire fences of the pit areas and flagging, if necessary.

C. Plans for rehabilitation of disturbed areas no longer needed for operations after construction completed.

Restoration of the drill site and tank battery areas will be reshaped to conform with the topography. The top soil will be redistributed at the proper time. The sites will be reseeded as per the recommended seed mixture.

#5 Location and Type of Water Supply:

A. Show location and type of water supply either on map or by written description.

A water supply well will be drilled on the well site. Necessary permitting will be obtained from Division of Water Rights, State of Utah.

B. State method of transporting water, and show any roads or pipelines needed.

None.

C. If water well is to be drilled on lease, so state. (No APD for water well necessary, however, unless it will penetrate potential hydrocarbon horizons).

Water supply well will be drilled.

#6 Source of Construction Materials:

A. Show information either on map or by written description.

Construction materials will be native soil or purchased from a Jobber and hauled to the well site by same.

B. Identify if from Federal or Indian Land.

None.

C. Describe where materials, such as sand, gravel, stone and soil material, are to be obtained and used.

Any needed materials will be purchased from a Jobber and hauled to the well site.

D. Show any needed access roads crossing Federal or Indian Lands under Item 2.

None.

#7 Methods of handling Waste Disposal:

Describe methods and location of proposed containment and disposal of waste material, including:

- | | |
|----------------------------------|-------------|
| (1) Cuttings | Reserve Pit |
| (2) Drilling fluids | Reserve Pit |
| (3) Produced fluids (oil, water) | Frac Tanks |

#7 Methods of Handling Waste Disposal: (cont'd)

- (4) Sewage Porta Pot
- (5) Garbage and other waste material (Trash pits will be completely contained with small mesh wire to prevent wind scattering trash before being burned or buried).

There will be a 10' x 10' burn pit on the drill site, and it will be fenced.

- (6) Statement regarding proper cleanup of well site area when rig moves out.

At the completion of drilling, the site and surrounding area will be cleaned up and all burnable material will be put in the burn pit and burned. All foreign material will be buried.

#8 Ancillary Facilities:

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods. (Camp center and airstrip center lines to be staked on the ground).

None planned.

#9 Wellsite Layout:

A plat (not less than 1" = 50') showing:

- (1) Cross sections of drill pad with cuts and fills.
See diagram "C".
- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil material stockpiles.
See diagram "D".
- (3) Rig orientation, parking areas and access roads.
See diagram "D".
- (4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at time of field inspection). A registered surveyor is not mandatory for such operations.

The reserve pit will not be lined, keying if necessary.

#10 Plans for Restoration of Surface:

State restoration program upon completion of operations, including:

- (1) Backfilling, leveling, contouring and waste disposal; segregation of spoils materials as needed.
The drill site will be cleaned and waste material will be put in the trash burn pit, which will be covered at the finish of the drilling operation. The reserve pit will be backfilled as soon as it is dry.
- (2) Revegetation and rehabilitation - including access roads (normally per BLM recommendations).

The top soil will be redistributed and at the proper season the seed mixture of BLM requirements will be drilled planted.

#10 Plans for Restoration of Surface: (cont'd)

- (3) Prior to rig release, pits will be fenced and so maintained until cleanup.

The reserve pit will be fenced on 3 sides during drilling. At the completion of the drilling, all pits will be fenced on the one remaining side.

- (4) If oil on pit, remove oil or install overhead flagging.

If there is oil on the reserve pit, it will be removed or flagged with overhead flagging.

- (5) Timetable for commencement and completion of rehabilitation operations.

Depending upon climatic conditions, restoration should be completed from six months to one year after spud date.

#11 Other Information:

General Description of:

- (1) Topography, soil characteristics, geologic features, flora and fauna. Topo is sagebrush covered hills, occasionally dissected by drainage features. Flora is sagebrush, wheat grass and short stubby native grasses. Fauna is deer, rabbits, fox, small rodents, cattle and sheep.
- (2) Other surface use activities and surface ownership of all involved lands.

The drill site and access road are owned by the U. S. Government.

- (3) Proximity of water, occupied dwellings, archeological, historical or cultural sites.

There is no water or occupied dwellings in the area. Archeological services are to be performed by Dr. Richard Holmer and his staff, University of Utah.

#12 Lessee's or Operator's Representative: Mr. K. A. Thoma
Marathon Oil Company
P.O. Box 2659
Casper, WY 82602
(307) 235-2511 Ext. 524

#13 Certification: The following statement is to be incorporated in the plan and must be signed by the lessee's or operator's field representative who is identified in item No. 12 of the plan:

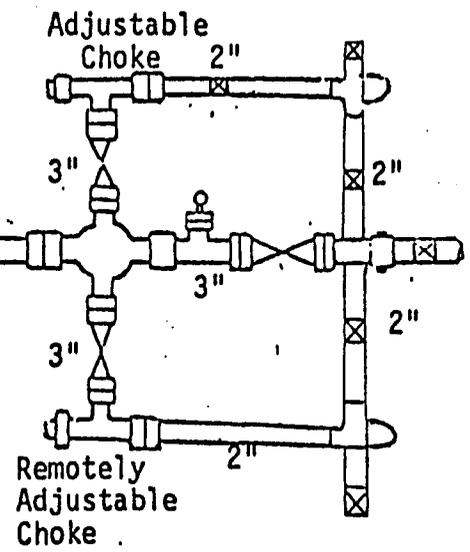
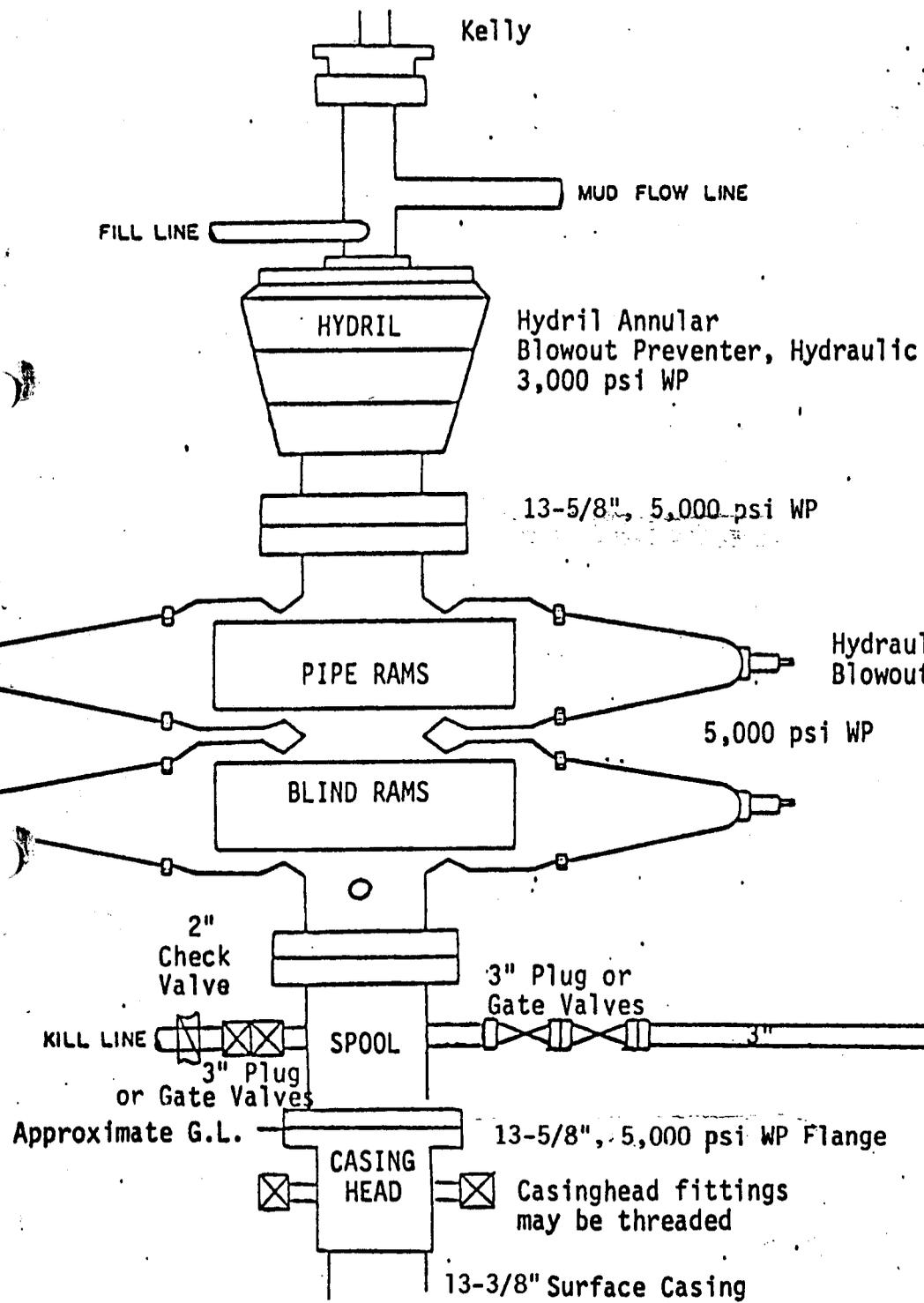
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

May 13, 1980
Date

K.A. Thoma
Name

Drilling Supt.
Title

Marathon Oil Company
 Thousand Dollar #1-10
 1,129' FSL & 1,286' FWL
 Section 10, T9N, R5E
 Rich County, Utah
 Elevation: 7,865' GL



1. Blowout preventers, master valve, plug valve and all fittings must be in good condition. Use new API Sealing Rings.
2. All fittings (gates, valves, etc.) to have pressure rating equivalent to preventers. Valves to be flanged and at least 2" unless otherwise specified. Valves next to BOP to be nominal 3".
3. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
4. Safety valve must be available on rig floor at all times and with proper connections. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe.
5. Kelly safety valve installed, to have same working pressure as BOP's.
6. All lines and controls to preventers must be connected and tested before drilling out of surface pipe.
7. BOP's must be fluid operated, complete with accumulator w/controls on the rig floor and one or more remote controls near steps or at accumulator.
8. Fillup line shall be tied to drilling nipple with connection below and approximately 90° to the flow line.
9. Gauge will be installed for testing but removed while drilling.
10. If spool is not used, the choke line can be connected to BOP side outlet, below bottom rams.
11. Casinghead and casinghead fittings to be furnished by Marathon Oil Company.
12. Chokes will be adjustable.
13. One side of casinghead may be bull plugged.

** FILE NOTATIONS **

DATE: May 21, 1980
OPERATOR: Marathon Oil Company
WELL NO: Thousand Dollar #1-10
Location: Sec. 10 T. 9N R. 5E County: Picks

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

API Number 43-033-30027

CHECKED BY:

Petroleum Engineer: W.J. Minder 6-30-80
Hold for confirmation on location (called W. West 5-22-80)

Director: _____

Administrative Aide: Rule C-3: too close to gtr-gtr line both

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. _____ O.K. Rule C-3

#2

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

Lease Designation Plotted on Map

Approval Letter Written WJM
Hot Line P.I.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Salt Lake District Office
2370 South 2300 West
Salt Lake City, Utah 84119

IN REPLY REFER TO

3000
O&G 0005
U-25474
(U-201)

JUN 6 1980

U.S. Geological Survey
Oil and Gas Section
Attention: George Diwachak
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84119

Dear Sir:

Enclosed is a staff report and revised operating plan for Marathon Oil Company's thousand dollar #1-10 well site located in T. 9 N., R. 5 E., Sec. 10, Rich County, Utah.

I concur with approval of the application for permit to drill and the surface development and operating plan as amended.

Sincerely yours,



Jack C. Peterson
Bear River Resource Area Manager

Enclosure



Save Energy and You Serve America!

Staff Report

On Thursday, May 22, 1980, an on site inspection was made of a proposed drilling location for Marathon Oil Company's proposed thousand dollar #1-10 well located in T. 9 N., R. 5 E., Sec. 10, Rich County, Utah.

The on site inspection was conducted by George Diwachak, USGS; Walt West, Ken Tomah, Mac Hansen, Chris Potter, and Steve Degenfelder, Marathon Oil Company; Harvey Lundershausen, Opal Construction; Kenn Frye, Jack Brown and Dan Washington, BLM.

The proposed well location lies about ten miles west of Woodruff, Utah in the upper part of Cutoff Canyon. The topography consists mainly of rolling hills and valleys adjacent to the Bear River Mountain Range with a pad elevation of 7862 feet above mean sea level. A variety of wildlife frequents the area including mule deer, coyotes, rabbits, ground squirrels, raptors, sage hens, and a few transient elk and moose. Sheep and cattle graze the area during the summer and fall. The location lies within an area where the sagebrush was treated and the area reseeded to crested wheatgrass; however, the biome would be of a sagebrush-wheatgrass-forb type on a sandy loam soil type. Annual precipitation ranges from 10-12 inches. There are no records which indicate any threatened or endangered species in the area. Although our office has not received any report, the archeological clearance is being completed by the University of Utah.

Water for drilling and culinary purposes will come from a well drilled on site. Access will be via a county road which will be upgraded except for 1300 feet of new road constructed from the existing road to the site.

Revised Operating Plan
Marathon Oil Company's Thousand Dollar
#1-10 (U-25474) O & G 0005

1. No change
2. Culverts might be advisable on the main access road, especially at the crossing of the one perennial stream and the two intermittent streams that run most of the year.
3. No change
4. No change
5. The BLM would be interested in developing the proposed water well when it is no longer needed for drilling purposes.
6. No change
7. At least one half of the depth of the reserve pit should be below the existing ground level, and the portion of the pit with a fill dike will be keywayed.
8. No change
9. No change
10. Topsoil is herein defined as the top 12 inches of earth material. This material will be removed and stored south and slightly west of the location. Upon completion of activities at the location, the topsoil will be redistributed over the recontoured pad site and then seeded with the seed mixture listed below. All seed is to be certified as having a germination of 90% or better. Seeding is to be done in the fall (September 1 - October 30) following site preparation for abandonment. Seed shall be planted to a depth of $\frac{1}{4}$ " to $\frac{1}{2}$ " and shall be repeated seasonally until a satisfactory ground cover is obtained as determined by the District Manager or his delegate. The seed mixture is:

6 lbs./acre	intermediate wheatgrass
1 lb. /acre	small burnet
1 lb. /acre	rambler alfalfa
$\frac{1}{2}$ lb. /acre	perennial rye
$\frac{1}{2}$ lb. /acre	wild clover
11. No change
12. No change
13. No change
14. The BLM representative for surface disturbance/reclamation is Dan Washington, Salt Lake District (801-524-5348).



P.O. Box 2659
Casper, Wyoming 82602
Telephone 307/235-2511

June 13, 1980

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

RECEIVED
JUL 16 1980

DIVISION OF
OIL, GAS & MINING

Attn: Mr. Michael T. Minder

Dear Sir:

Our proposed Thousand Dollar #1-10, Section 10, T19N, R5E, Rich County, Utah, was staked in an unorthodox location due to topographical, terrain and geological difficulties. After careful consideration, the location was agreed upon by BLM and Marathon's representatives, and approved by Mr. Jack C. Peterson, BLM, Bear River Resource Area Manager.

We request an exception to location due to the above stated assessment and Utah Rule C-3, Item (1), topographical conditions.

Attached for your consideration are:

- 1 - Surveyor's Plat
- 1 - Topo Map
Showing location and access roads
- 5 - (original signed) Stipulation, USGS
Rule 30 CFR 221.20 showing ownership
of 660' radius of location

Thank you for your time and consideration on this matter.

Yours very truly,

MARATHON OIL COMPANY

A handwritten signature in cursive script that reads 'Dale T. Caddy'.
Dale T. Caddy
District Operations Manager

DTC/WW:ss

Attachment

P.O. BOX 654
 GREEN RIVER, WYOMING
 82935
 TELEPHONE: (307) 875-3638

WILLIAM H. SMITH & ASSOCIATE
 SURVEYING CONSULTANTS

P.O. BOX 1300
 MOAB, UTAH
 84532
 TELEPHONE: (801) 259-6861

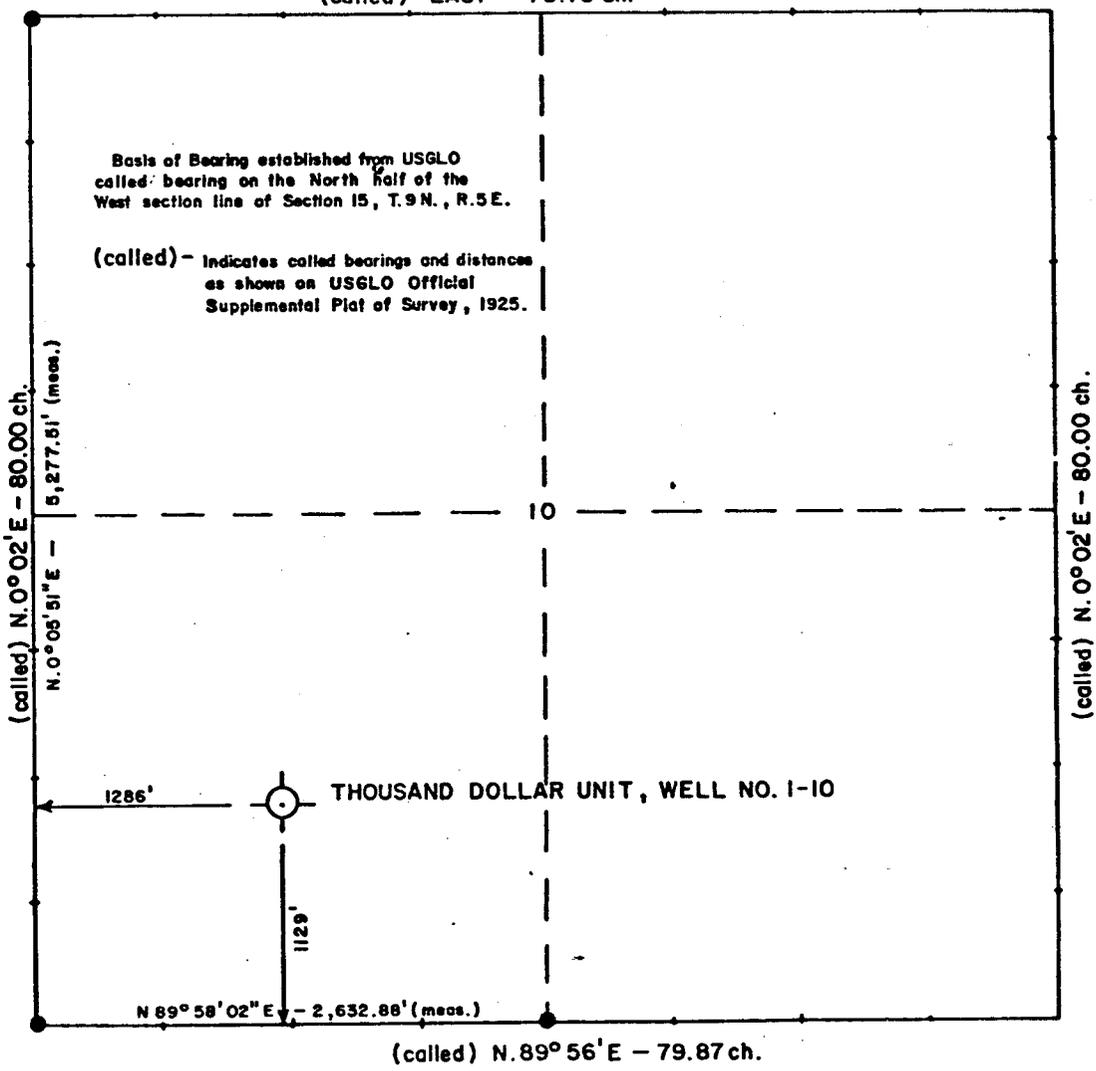
T 9 North R 5 East

(called) EAST - 79.70 ch.



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Walt West of Casper, Wyoming for Marathon Oil Company

Randy Rowley under my supervision and direction made a survey on the 7th day of May, 1980 for location and elevation of the Thousand Dollar Unit, Well No. 1-10. As shown on the above map, the wellsite is in the SW/4 of Section 10, Township 9 North, Range 5 East of the Salt Lake Base & Meridian, Rich County, State of Utah. Elevation is 7,865 feet ungraded ground Datum established from spot elevation at the Southwest section corner of Section 10, T9N, R5E, as shown on U.S.G.S. 7 1/2' topo "BIRCH CREEK RESERVOIRS, UTAH."

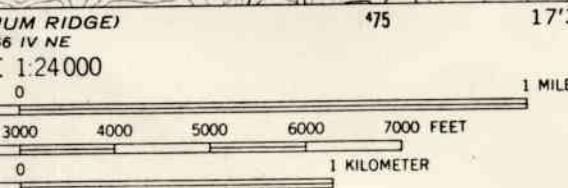
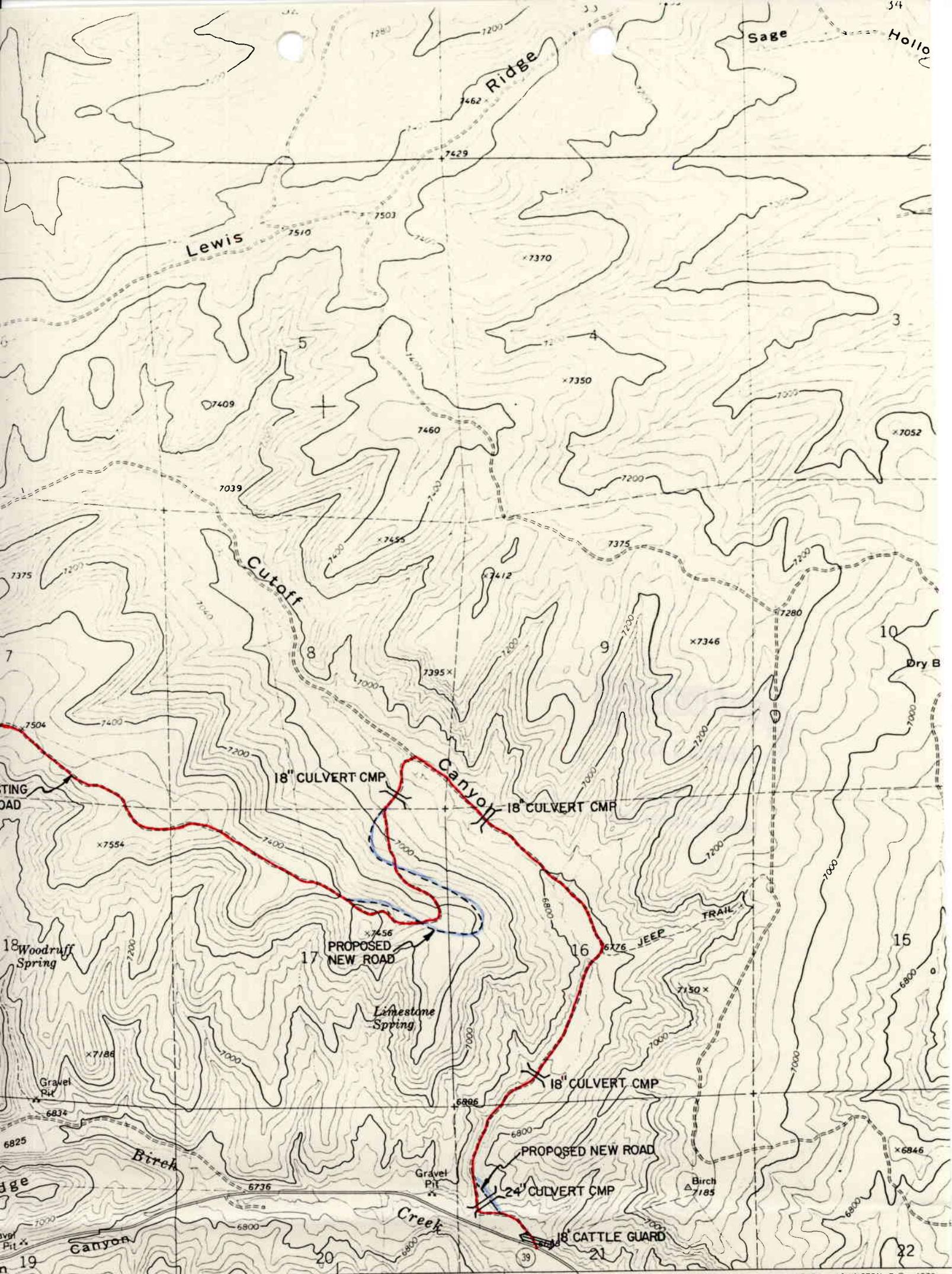
Reference Point 300' NORTH, rebar and lath, Elevation top of rebar = 7,844.4'

Reference Point 300' SOUTH, rebar and lath, Elevation top of rebar = 7,870.7'

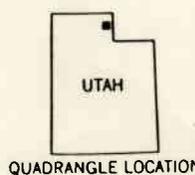
Reference Point 300' EAST, rebar and lath, Elevation top of rebar = 7,851.9'

Reference Point 300' WEST, rebar and lath, Elevation top of rebar = 7,855.7'

William H. Smith
 UTAH R.L.S. NO. 2764



VERTICAL INTERVAL 40 FEET
MEAN SEA LEVEL



QUADRANGLE LOCATION

ROAD CLASSIFICATION

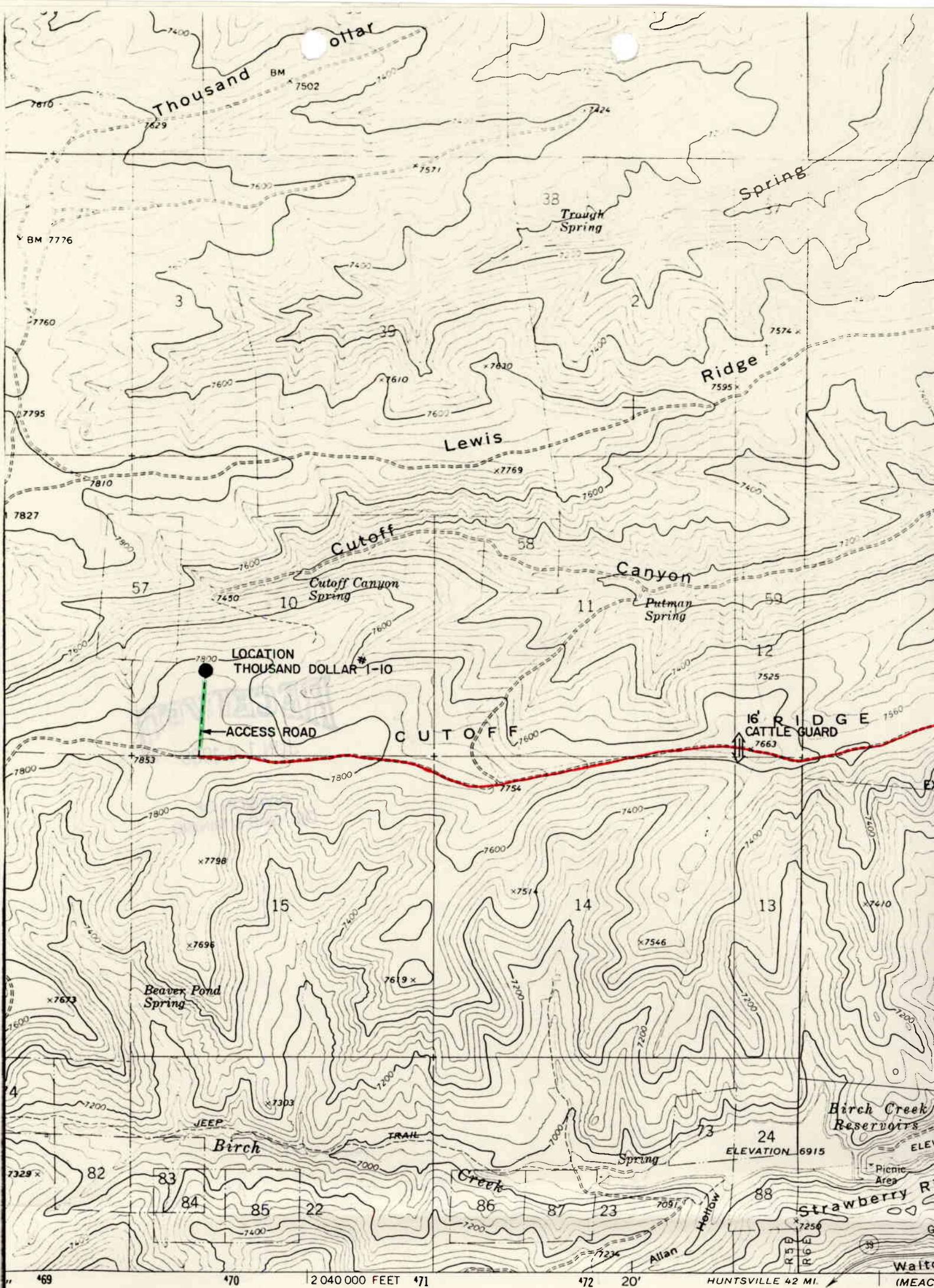
Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

BIRCH CREEK RESERVOIRS, UTAH
N4130—W11115/7.5

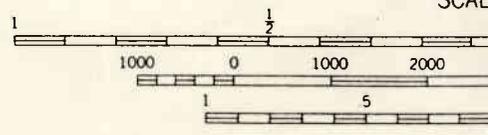
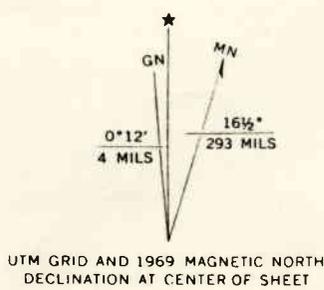
1969

AMS 3767 III SE—SERIES V897

NATIONAL MAP ACCURACY STANDARDS
FEDERAL GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FULL LIST OF MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ed, edited, and published by the Geological Survey
 ol by USGS and USC&GS
 graphy by photogrammetric methods from aerial
 graphs taken 1968. Field checked 1969
 onic projection. 1927 North American datum
 00-foot grid based on Utah coordinate system, north zone
 -meter Universal Transverse Mercator grid ticks,
 12, shown in blue
 red dashed lines indicate selected fence lines



CONTOUR IN DATUM IS

THIS MAP COMPLIES WITH NA
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENV
 A FOLDER DESCRIBING TOPOGRAPHIC M

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Stipulation

Dear Sir:

Patrick Petroleum Corporation ^{part}
of Michigan is ~~XXX~~ owner of U. S. oil and Gas
Lease U-25474, and proposes* to drill a well on the
leased premises to test for oil and gas at a location in the NE 1/4 SW 1/4
SW 1/4, Section 10, Township 9N., Range 5E., S. L. Meridian,
Rich County, State of Utah, 1286' from West line,
and 1129' from South line of Section 10.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 191' from the ^{East} North boundary line of the SW 1/4 SW 1/4 of Section 10, but is considered to be necessary because of terrain difficulties.

Therefore, Patrick, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Patrick, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the E 1/2 X SW 1/4, and the SW 1/4 SW 1/4, ^{lot 6} Section 10, Township 9N., Range 5E., S. L. Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely Yours,
Patrick Petroleum Corporation

By: Paul W. Fairchild
Division Manager 5/22/80

Takento 8L
6-3-80
* WWT

Marathon Oil Company to be operator.

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Stipulation

Dear Sir:

Grace Petroleum Corporation is ^{part}~~XXX~~ the owner of U. S. oil and Gas Lease U-25474, and proposes* to drill a well on the leased premises to test for oil and gas at a location in the NE 1/4 SW 1/4 Section 10, Township 9N., Range 5E., S. L. Meridian, Rich County, State of Utah, 1286' from West line, and 1129' from South line of Section 10.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 34' from the East boundary line of the SW 1/4 SW 1/4 of Section 10, but is considered to be necessary because of terrain difficulties.

Therefore, Grace, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Grace, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the E 1/2 ~~SW 1/4~~ SW 1/4, and the SW 1/4 SW 1/4, ^{Plot 6} Section 10, Township 9N., Range 5E., S. L. Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely Yours,



Exploration Manager
GRACE PETROLEUM CORPORATION

* Marathon Oil Company is to be operator.

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Stipulation

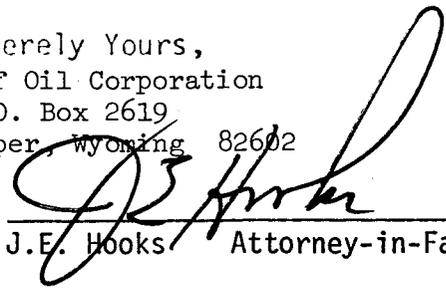
Dear Sir:

Gulf Oil Corporation is ^{part} ~~the~~ owner of U. S. oil and Gas Lease U-25474, and proposes *to drill a well on the leased premises to test for oil and gas at a location in the NE ¼ SW ¼ SW ¼, Section 10, Township 9N., Range 5E., S. L. Meridian, Rich County, State of Utah, 1286' from West line, and 1129' from South line of Section 10.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 191' from the ^{341'} ~~North~~ ^{East} boundary line of the SW ¼ SW ¼ of Section 10, but is considered to be necessary because of terrain difficulties.

Therefore, Gulf, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Gulf, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the NE ¼ SW ¼, and the SW ¼ SW ¼, /Section 10, Township 9N., Range 5E., S. L. Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely Yours,
Gulf Oil Corporation
P. O. Box 2619
Casper, Wyoming 82602



J.E. Hooks Attorney-in-Fact

* Marathon Oil Company to be operator.

SUBMIT IN TRIPLICATE

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Stipulation

Dear Sir:

American Quasar Petroleum Company ^{part} is ~~the~~ owner of U. S. oil and Gas Lease U-25474, and proposes* to drill a well on the leased premises to test for oil and gas at a location in the NE 1/4 SW 1/4 SW 1/4, Section 10, Township 9N, Range 5E, S. L. Meridian, Rich County, State of Utah, 1286' from West line, and 1129' from South line of Section 10.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 191' from the ^{East} North boundary line of the SW 1/4 SW 1/4 of Section 10, but is considered to be necessary because of terrain difficulties.

Therefore, American Quasar, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, American Quasar, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the E 1/2 SW 1/4, and the SW 1/4 SW 1/4, ^{Lot 6} Section 10, Township 9N, Range 5E, S.L. Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely Yours,

AMERICAN QUASAR PETROLEUM CO.

Clare Gregg
Clare Gregg
Division Geologist

* Marathon Oil Company to be operator.

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 feet from the lease boundary, or 200 feet from any legal subdivision, without adequate reasons or consent.

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Stipulation

Dear Sir:

Arkla Exploration Company is ^{part}~~the~~ owner of U. S. Oil and Gas Lease U-25474, and proposes to drill a well on the leased premises to test for oil and gas at a location in the NE 1/4 SW 1/4 Section 10, Township 9N., Range 5E., S. L. Meridian, Rich County, State of Utah, 1286' from West line, and 1129' from South line of Section 10.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200 feet from the boundary of any legal subdivision without the written consent of the Supervisor, United States Geological Survey. The proposed location is approximately 191' from the ^{East}~~North~~ boundary line of the SW 1/4 SW 1/4 of Section 10, but is considered to be necessary because of terrain difficulties.

Therefore, Arkla, Lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above-described location. In consideration of such consent, Arkla, Lessee, hereby expressly covenants and agrees that he will make no separate assignments of the NE 1/4 ~~SW 1/4~~ SW 1/4, and the SW 1/4 SW 1/4, ^{Section 6} Section 10, Township 9N., Range 5E., S. L. Meridian, and that he will keep the two described subdivisions under joint assignment until the above-mentioned well has been plugged and abandoned with the approval of the Supervisor.

Sincerely Yours,

Larry J. Manion

Larry J. Manion
District Exploration Manager
Arkla Exploration Company

* Marathon Oil Company is to be operator.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DUPLICATE

5. LEASE DESIGNATION AND SERIAL NO. U-25474

6. NAME OF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
639.54

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
June 1, 1980

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
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1,129' FSL & 1,286' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1 1/2 miles West, 2 miles North, 2 1/2 miles East of Woodruff, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1,129'

16. NO. OF ACRES IN LEASE 945.00

17. NO. OF ACRES ASSIGNED TO THIS WELL 639.54

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 12,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,865' G.L.

22. APPROX. DATE WORK WILL START* June 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see Item #4 of 10-Point Program for complete casing and cementing program				

Please see the following attachments:

1. Surveyor's Plat
2. Ten-Point Drilling Program
3. BOP Schematic
4. Thirteen-Point Surface Plan
5. Maps & Diagrams

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1038 West North Temple
Salt Lake City, Utah 84116

RECEIVED
JUN 18 1980

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 Bale Cobley TITLE District Operations Manager DATE May 13, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY W.D. Martin FOR E. W. GUYNN DATE JUN 16 1980
TITLE DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

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

FLAP FOR CEMENTING OF
CABLE TOOLS

NO. APPROVAL

Ut. State Oil & Gas

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U 25-474

OPERATOR: Marathon Oil

WELL NO. 1-10

LOCATION: NE 1/4 SW 1/4 SW 1/4 sec. 10, T. 9N, R. 5E, S10M

Rich County, Utah

1. Stratigraphy:

Wasatch - surface	
Mugget - 450	
Antares - 1650	
Thaynes - 3100	
Woodside - 4900	
Dinwoody - 5650	
Phosphoria - 6000	
Weber - 6600	

Amisden	7200
Madison	7500
Devonian	9300
Silurian	9900
Ordovician	10550
↳	12000

2. Fresh Water:

probable in Mugget

3. Leasable Minerals:

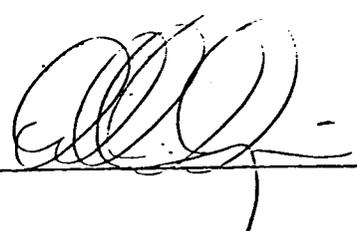
~~gas~~ gas possible in Thaynes, Dinwoody, Phosphoria, Madison & Ordovician

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards: H₂S gas probable in gas in Phosphoria
possible lost circulation in Mugget.

6. References and Remarks:

Signature: 

Date: 5 - 23 - 80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date June 9 1980

Operator Marathon Oil Company Project or Well Name and No. 1-10
Location. 1129' FSL & 1286' FWL Sec.: 10 T. 9N R.: 5E
County. Rich State: Utah Field/Unit: Wildcat
Lease No. U-25474 Permit No.: N/A

Joint Field Inspection Date May 22, 1980.

Prepared By: George Diwachak

Field Inspection Participants, Titles and Organizations:

George Diwachak	Environmental Scientist	USGS
Kenn Frye	Geologist	BLM
Dan Washington	Surface Protection Specialist	BLM
Jack Brown	Wildlife Biologist	BLM
C. Potter	Landman	Marathon
S. Degenfelder	Landman	Marathon
Walt West	Government Compliance	Marathon
Ken Thoma	Drilling Supervisor	Marathon Oil
Mac Hansen	Drilling Supervisor	Marathon Oil
Harvey Lundershavsén	President	Opal Construction

Related Environmental Analyses and References:

- (1) Unusual EA No. 1401A - American Quasar Well No. 18-1 Sec. 18, T9N, R6E. Lease No. U-25476.
- (2) Draft Environmental Assessment Report, Oil and Gas Leasing, Rich County Utah, BLM, Salt Lake City, Utah.

1j 6/13/80

Handwritten notes:

→ Cond 9 R/W
897-8
1-12

Admin Camp? 2
200' Strip
Pad 260' x 400'
Pit 150' x 250'
1/4 mi x 30' new access
Emis impervious
5 ac
→ 142 SP's located
in platform

Noted - G. Diwachak

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State Utah

County: Rich

1129' FSL, 1286' FWL, SW 1/4 SW 1/4

Section 10, T 9N R 5E, S L M

2. Surface Ownership Location: Public

Access Road: Public/COUNTY

Status of
Reclamation Agreements. Not Applicable.

3. Dates APD Filed: May 16, 1980 .

APD Technically Complete: May 21, 1980 .

APD Administratively Complete: June 3, 1980 .

4. Project Time Frame

Starting Date: Upon Approval .

Duration of Drilling activities. 170 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of variance requests:

Exception to 30 CFR, 221.20 - 200' Rule has been filed by the operator.

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 260' wide x 400' long and a reserve pit 150' x 250' would be constructed. Approximately 0.25 miles of new access road, averaging 16' in driving surface, would be constructed and approximately 8 miles of existing country road may be improved as necessary to permit access. 5 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'.
2. Drilling.
3. Waste disposal - Trash will be confined to a burn pit and buried. Human waste will be confined to a portable chemical toilet.
4. Traffic would consist of water trucks, support vehicles and contractual service vehicles during drilling. If the well would produce hydrocarbons, traffic would decrease to maintenance and periodic support vehicles.
5. Water requirements - A water well is planned.
6. Completion.
7. Production - All production facilities would be constructed on the disturbed pad surface as outlined in Diagram B of APD.
8. Transportation of hydrocarbons - Flowline approval was not requested with the APD.
9. Hydrogen Sulfide (H₂S) gas may be encountered while drilling through the Phosphoria Formation.

Details of the proposed action are described in the Application for Permit to Drill.

The access road was changed per the attached map to avoid potential private Landowner conflicts. Portions of the existing Cutoff Canyon road may require upgrading and possible rerouting to reduce grades and permit access.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is situated on a north trending, gently sloping ridgetop which eventually slopes off to the north, south and west within Cutoff Canyon. Regional topography consists of rolling hills and valleys adjacent to the Bear River Mountain Range.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: None.

Information Source: Mineral Evaluation Report.

2. Hazards.

a. Land Stability: A portion of the pit would be constructed in fill. Keying in the fill portions of the pit and compacting the walls in lifts should adequately strengthen fluid retention capabilities. No other instability expected.

Information Source: Field Observation, APD.

b. Subsidence: None expected, however fluid withdrawal combined with lost circulation zones could cause subsidence.

Information Source: "Environmental Geology" - Keller.

c. Seismicity: The wellsite is within an area of moderate seismic risk. The operating plan does not account for this.

Information Source: "Rocky Mountain Association of Geologists".

d. High Pressure Zones/Blowout Prevention: No high pressure zones are expected. B.O.P. system is detailed in APD.

Information Source. APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character: Topsoil would be removed and stockpiled requiring redistribution and planting during rehabilitation.

Information Source: Field Observation.

2. Erosion/Sedimentation: Erosion would increase with vegetation removal and dirt work. Due to low yearly precipitation, erosion would not be significant except during thunderstorms.

Information Source: Field Observation.

C. Air Quality: The site is within the Class II Attainment Area. Air quality would decrease temporarily from vehicle and equipment emissions and fugitive dust.

Information Source: Field Observation.

D. Noise Levels: Noise levels would increase temporarily from vehicle and equipment operations affecting wildlife and livestock in a distributional sense.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: Birch Creek Reservoir is about 2.5 miles southeast of the location, however, drainage is northward through intermittent waterways to Big Creek.

Information Source: Field Observation, APD.

b. Ground Waters: Fresh water is probable in the Nugget Formation. The casing program has been designed to protect this. A water well would be drilled for operational use under State of Utah Permit No: 54571(23-3566).

Information Source: Field Observation, APD, Mineral Evaluation Report.

2. Water Quality

a. Surface Waters: Insignificant impacts expected, since no surface water is nearby. Keying the reserve pit would insure that spills could not reach live water.

Information Source: Field Observation.

b. Ground Waters: Commingling of aquifers possible. Contamination to ground water from introduced drilling fluids also possible. Adequate logging, casing and cementing programs and adjustments could prevent contaminations.

Information Source: Field Observation.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the BLM on June 6, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: The location lies in an area where sagebrush has been treated and crested wheatgrass planted. Area is characterized by a sagebrush-wheatgrass forb biome.

Information Source: Field Observation, BLM.

3. Fauna: A variety of wildlife frequent the area (see enclosed BLM Staff report). Wildlife would be disturbed by drilling in a distributional sense.

Information Source: Field Observation.

G. Land Uses

1. General: The area is used primarily for cattle and sheep grazing in summer months. Recreation is seasonal occurring primarily during fall (sage hen and deer hunting).

Information Source: Field Observation, BLM.

2. Affected Floodplains and/or Wetlands: N/A.

Information Source: Field Observation.

3. Roadless/Wilderness Area: N/A.

Information Source: BLM.

H. Aesthetics: The operation would not blend in with the surroundings and a visual scar would remain until revegetation occurs. Painting any permanent equipment a color to blend with local surroundings would reduce visual impacts.

Information Source: Field Observation.

I. Socioeconomics: The effects of one well on local populations and economy would be negligible, however, if field development would result from a major discovery at this location, local economy could increase. Most operational and construction personnel would commute from Kemmerer and Evanston, Wyoming. Evanston is currently experiencing "boom" growth from nearby hydrocarbon exploration and development.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the informal comments received from the BLM on June 6, 1980, we determine that there would be no effect on cultural resources.

Information Source: BLM.

K. Other: Lost circulation could be possible in the Nugget Formation. Hydrogen Sulfide Gas is probable in a gas phase in the Phosphoria Formation. Adequate mud scavengers will be available at the location. There are no residences within 3 miles of the location and the area is relatively remote. Adequate precautions are necessary, however, since people frequent the area periodically. A complete H₂S contingency plan should be submitted to USGS for approval prior to spudding the well. The plan should be totally implemented, including safety equipment when drilling reaches 1000 feet above or within 7 days of penetrating (whichever is the lesser) the Phosphoria Formation. If H₂S is detected prior to the Phosphoria, the well should be shut in until the contingency plan can be implemented. An escape route, discussed at the onsite would also be necessary.

It should be noted that an American Quasar well drilled in NE/4 SW/4 Section 18, T9N, R6E, about 2.5 miles southeast of this test site did not encounter H₂S and never penetrated the Phosphoria Formation throughout its 10,950 feet depth. (See enclosed oral abandonment form).

Information Source: Mineral Evaluation Report, APD, NTL-10.

L. Adequacy of Restoration Plans: The restoration plan meets the minimum qualifications of the NTL-6. Additional rehabilitative measures have been provided by the BLM.

Information Source: Field Observation, APD, BLM.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.
2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:
 - a. About 5 acres of vegetation would be removed, increasing and accelerating erosion potential.
 - b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
 - c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
 - d. The potential for fires, leaks, spills of gas and oil or water exists.
 - e. During construction and drilling phases of the operation, noise and dust levels would increase.
 - f. Distractions from aesthetics during the lifetime of the project would exist.

g. Erosion from the site would eventually be carried as sediment in the Bear River. The potential for pollution to Big Creek would exist through leaks and spills.

h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

i. Hydrogen Sulfide (H_2S) gas may be encountered during drilling posing a safety hazard to employees, passersby, wildlife and livestock.

2. Conditional Approval:

All adverse impacts described in section one above could occur, except:

a.) A H_2S Contingency Plan would reduce the risk of employee, passerby, wildlife and livestock accidents.

b.) Keying the reserve pit and keeping at least 1/2 of its depth below existing ground surfaces would provide for fluid retention and reduce spill hazards.

c.) Painting any permanent production equipment a color to blend with the local surroundings would reduce visual impacts.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. ~~See attached Lease Stipulations.~~
2. See attached BLM Stipulations.
3. A complete Hydrogen Sulfide (H_2S) Contingency Plan must be submitted for approval prior to drilling out the surface casing. (2000 ft).
4. Adequate H_2S mud scavengers and corrosion agents must be on location throughout drilling of the well.
5. H_2S Monitors, located at the bell nipple and shale shaker will be on location throughout drilling.

6. The approved H₂S Contingency Plan must be fully implemented, including safety equipment, when drilling reaches 1000 feet above or 7 days prior to (whichever is lesser) the penetration of the Phosphoria Formation.
7. If any H₂S gas is encountered at shallower or deeper depths than the Phosphoria, the well will be shut in and operations will cease until the contingency plan can be implemented.
8. The USGS, Conservation Division, Oil and Gas Branch must be notified if any H₂S gas is discovered.
9. At least one half of the depth of the reserve pit should be below the existing ground level and the portion of the pit with a fill dike will be keywayed with the dike compacted in lifts.
10. Any permanent production equipment will be painted a color to blend with the natural surroundings.
11. An escape route will be flagged to the west upwind to provide a secondary route in the event of an H₂S emergency.
12. The access route will be changed to use Cutoff Canyon Road. Any portions of the road that are rerouted will require reclamation and reseeding per BLM recommendations to rehabilitate the unused portions of road.

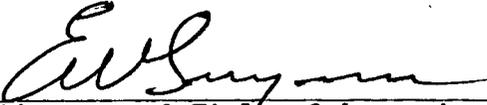
Controversial Issues and Conservation Division Response:

None.

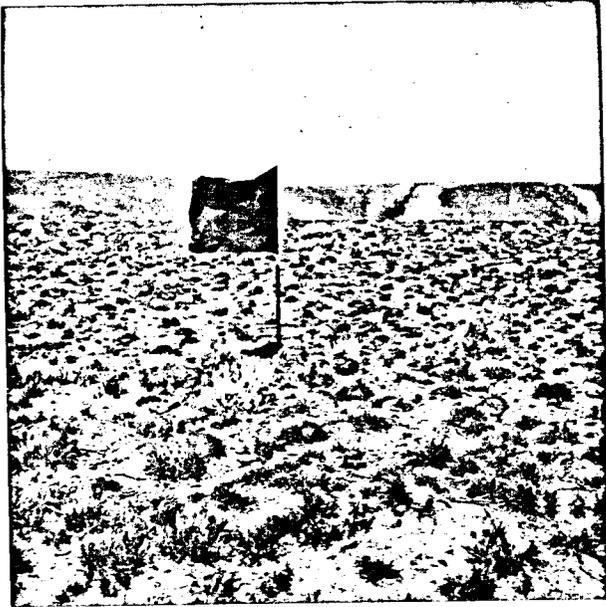
We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER
Signature & Title of Approving Official

JUN 13 1980
Date



MARATHON 1-10
Sec 10, 9N-5E

↑
N



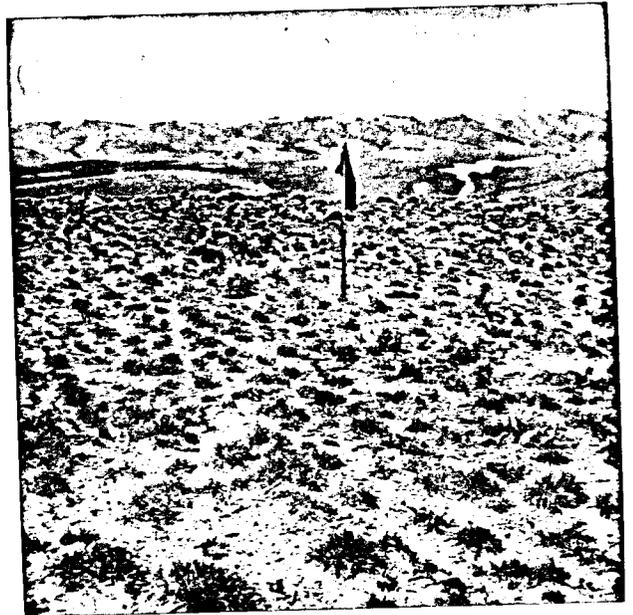
MARATHON 1-10
Sec 10, 9N-5E

↑
E



MARATHON 1-10
Sec 10 - 9N-5E

S

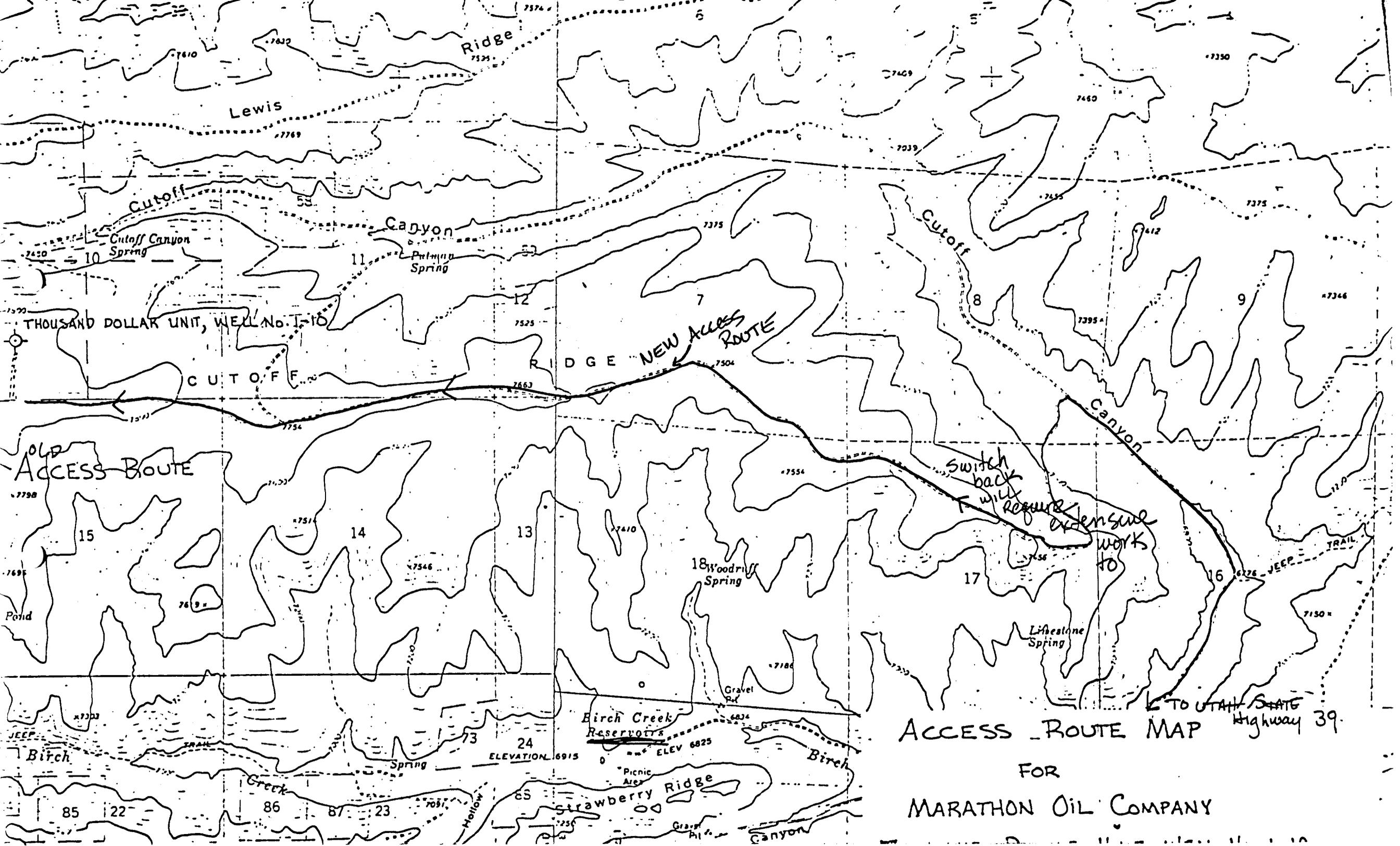


MARATHON 1-10
Sec 10, 9N, 5E

↑
W

SELECTED REFERENCES

- Anderson, B.A. and A.H. Holmgren, 1977, Mountain Plants of Northeastern Utah: Utah State University Extension Service, Circular 319, Logan, Utah. 142 p.
- Bureau of Land Management, 1979, Draft Environmental Assessment Report, Oil and Gas Leasing, Rich County: U.S. Department of the Interior, BLM, Salt Lake City, Utah. 110 p.
- Bureau of Land Management, 1979, Interim Management Policy and Guidelines for Lands Under Wilderness Review: U.S. Department of the Interior, BLM, Washington, D.C. 32 p.
- Johnson, C.M., 1970, Common Native Trees of Utah. Agricultural Experiment Station Cooperative Extension Service, Special Report 22, Utah State University, Logan, Utah, 109 p.
- Keller, E.A., 1976, Environmental Geology C.E. Merril Publishing Company, Columbus, Ohio. 488 p.
- Rocky Mountain Association of Geologists, 1972, Geologic Atlas of the Rocky Mountain Region: Denver, Colorado. 331 p.
- Wilson, LeMoyné, et.al, 1975. Soils of Utah. Agricultural experiment Station Bulletin 492, Utah State University, Logan, Utah. 94 p.



THOUSAND DOLLAR UNIT, WELL No. T-10

OLD ACCESS ROUTE

NEW ACCESS ROUTE

Switch back will require extensive work to

ACCESS ROUTE MAP TO UTAH STATE Highway 39

FOR MARATHON OIL COMPANY



P.O. Box 120
Casper, Wyoming 82602
Telephone 307/235-2511

June 23, 1980

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

RECEIVED
JUN 25 1980

Gentlemen:

Re: Thousand Dollar Well #1-10
SW $\frac{1}{4}$ of Section 10, T. 9 N., R. 5 E.
Rich County, Utah

Per your verbal request to Walter E. West, this is to advise that Grace Petroleum Corporation, Patrick Petroleum Corporation of Michigan, American Quasar Petroleum Corporation of New Mexico, Gulf Oil Corporation and Arkla Exploration Company are the record owners of United States Oil and Gas Lease Utah 25474, covering the following described lands situate in Rich County, State of Utah:

T. 9 N., R. 5 E., S.L.M.
Section 10: Lots 1 thru 6, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$
and SE $\frac{1}{4}$

This lease covers all lands within a 660 foot radius of the proposed well site located 1,286 feet from the West line and 1,129 feet from the South line of Section 10. Marathon has entered into Farmout Agreements with the above named companies and will drill the well as operator for itself and the named companies.

Very truly yours,


Sherman O. Nation
Area Land Supervisor

SON/mm

cc: W. E. West

June 30, 1960

Marathon Oil Company
P.O. Box 2659
Casper, Wyoming 82602

Re: Well No. Thousand Dollar #1-10
Sec. 10, T. 9N, R. 5E.,
Rich County, Utah

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

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 - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-B-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 43-033-30027.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Marathon Oil Company

WELL NAME: Thousand Dollar #1-10

SECTION 10 SW SW TOWNSHIP 9N RANGE 5E COUNTY Rich

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE 9/12/80

TIME 8:30 a.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Walt West

TELEPHONE # 235-2511

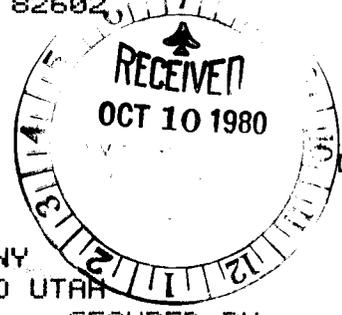
DATE September 12, 1980

SIGNED *M. J. M.*

cc: USGS

DIVISION OF WPC, INC.
PETROLEUM ANALYTICAL LABORATORY SERVICE
 P. O. BOX 2652 * 24 HOUR PHONE 307/266-1616
 CASPER, WYOMING 82602

IR MONITORING
 COMPLETE GAS SERVICE
 CONSULTING CHEMISTS
 POLLUTION CONTROL
 WATER ANALYSIS



SAMPLE NO. . . 4064
 DATE RUN: 10/6/80

SAMPLE OF: WATER FROM MARATHON OIL COMPANY
 SAMPLE FROM: THOUSAND DOLLAR #1-10 RICH CO UTAH
 SECURED BY:
 SAMPLING CONDITIONS: PRESS: TEMP: TIME: DATE:

WATER ANALYSIS

DISSOLVED SOLIDS

ANIONS	MG/L	ME/L
SODIUM-NA	28.45	1.24
POTASSIUM-K	1	.03
CALCIUM-CA	38.78	1.94
MAGNESIUM-MG	14.7	1.21
STRONTIUM-SR	0	0
TOTAL CATIONS	82.93	4.41

OTHER PROPERTIES

PH 8.2
 RESISTIVITY(OHM-METERS), 77 F 28

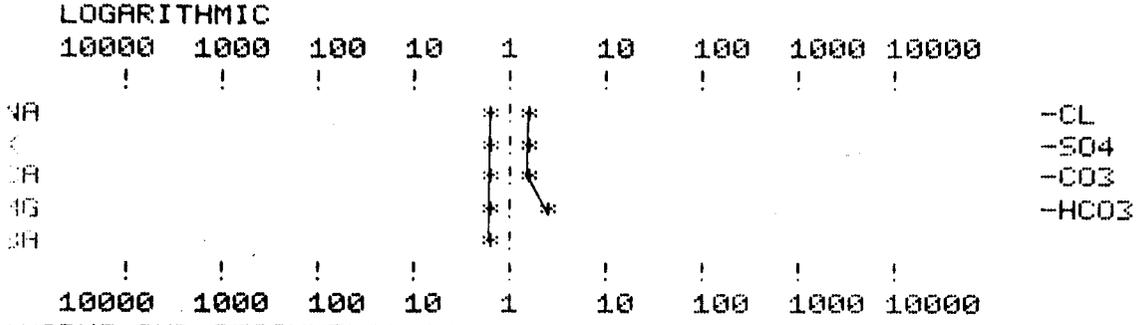
ANIONS

FLORIDE-CL	10	.28
SULFATE-SO4	6	.12
CARBONATE-CO3	36	1.2
BICARBONATE-HCO3	170.8	2.8
TOTAL ANIONS	222.8	4.41

IRON-FE (TOTAL) 0
 SULFIDE AS H2S 0

TOTAL DISSOLVED SOLIDS(CALC.)
 305.73

WATER PATTERNS--ME/L



REMARKS AND RECOMMENDATIONS:

COPIES TO:

ANALYSIS BY: *Gene Hand*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

RECEIVED

OCT 30 1980

From: 9-9-80 To: 10-10-80

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Don Presenkowski TITLE Drilling Superintendent DATE 10-28-80
By Walt Worst

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

9-9-80 0' CONTINUED TO RURT.

9-10-80 0' CON'T RIGGING UP

9-11-80 0' CONTINUED TO RURT.

9-12-80 0' CONTINUED RURT. BROKE TOUR @ 12:00 MIDNIGHT 9/11/80.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 9-13-80 115' MADE 36' IN WASATCH FORMATION. MAKE UP BHA. RIH TO BOTTOM OF 30' CONDUCTOR @ 79' KB. SPUD WELL @ 8:30 AM - 9/12/80. COMPLETELY LOST CIRC @ 115'. PRESENTLY MIXING LCM TO REGAIN CIRC.
- 9-14-80 176' MADE 61' IN WASATCH FORMATION. MIX MUD & REGAIN CIR W/35% LCM @ 115'. DRLD 115'-170' W/FULL RETURNS. LOST 30 BBL MUD. ATTEMPT TO DRILL W/80% RETURNS, PUMP PILL & REGAIN FULL CIR. ROP DECREASED. POH. BIT OK. PRESENTLY RIH.
- 9-15-80 222' MADE 52' IN WASATCH FORMATION. DRLD FROM 176'-220' W/FULL RETURNS. DRLD 220'-222' & ROP DECREASED. POH. RIH W/BIT #2.
- 9-16-80 294' MADE 66' IN WASATCH FORMATION. DEV DEPTH 267', INC 3/4°. DRILL AHEAD.
- 9-17-80 372' MADE 78' IN WASATCH FORMATION. DRLD 294'-372' W/FULL RETURNS.
- 9-18-80 453' MADE 81' IN WASATCH FORMATION. DEV DEPTH 449', INC 1°. DRLD FROM 372'-453'. NO PROBLEMS.
- 9-19-80 560' MADE 107' IN WASATCH FORMATION. DEV DEPTH 479', INC 1°, DIRECTION WL, DEV DEPTH 511', INC 1°, DIRECTION WL, DEV DEPTH 537', INC 1/2°. DRLD FROM 453'-537' (84'). NO PROBLEMS. TRIP FOR BIT DRILL FROM 537'-560' (23'). NO PROBLEMS.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 9-20-80 811' MADE 811' IN WASATCH FORMATION. DEV DEPTH 604', INC 3/4°, DEV DEPTH 665'.
INC 1°, DEV DEPTH 727', INC 3/4°, DRLG AHEAD-NO PROBLEMS.
- 9-21-80 927' MADE 116' IN WASATCH FORMATION. DEV DEPTH 820', INC 1°, DEV DEPTH 880',
INC 1°. PRESENTLY DRGL AHEAD/NO PROBLEMS.
- 9-22-80 1,010' MADE 83' IN TWIN CREEK FORMATION. DEV DEPTH 943', INC 3/4°. DRLD
927'-1,010' CIRC 1 HR. POH FOR LOGS.
- 9-23-80 1,010' MADE 54' IN TWIN CREEK FORMATION. DEV DEPTH 1,010', INC 1/4°.
FINISHED POH. R/U RAN BHC/SONIC/GR, GR/FDC/CNL, SP/DIL, &
DIPMETER/CALIPER/GR. RIH & REAMED 17-1/2" TO 26" FROM 79'-133'.
- 9-24-80 1,010' MADE 78' IN TWIN CREEK FORMATION. OPENED 17-1/2" HOLE TO 26". PRESENTLY
REAMING @ 211'.
- 9-25-80 1,010' MADE 51' IN TWIN CREEK FORMATION. PRESENTLY OPENING HOLE @ 262'.
- 9-26-80 1,010' MADE 37' IN TWIN CREEK FORMATION. OPEND 17-1/2" TO 26" FROM 262'-299'
(37'). PRESENTLY RIH W/HO #2.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 9-27-80 1,010' MADE 53' IN TWIN CREEK FORMATION. FIN RIH W/HO #2. OPENED 17-1/2" HOLE TO 26" FROM 299'-352'.
- 9-28-80 1,010' MADE 110' IN TWIN CREEK FORMATION. OPENED 17-1/2" HOLE TO 26" FROM 352'-462'.
- 9-29-80 1,010' MADE 78' IN TWIN CREEK FORMATION. OPEN 17-1/2" HOLE TO 26" @ 540'.
- 9-30-80 1,010' MADE 75' IN TWIN CREEK FORMATION. OPEN HOLE TO 26" FROM 540'-593' (53'). POH @ 593'. REPLACE LOWER SHOCK SUB. RIH. OPEN HOLE TO 26" FROM 593'-615'.
- 10-1-80 1,010' MADE 191' IN TWIN CREEK FORMATION. OPEN HOLE FROM 615'-699', ROP PICKED UP 699'-763' (1-2 MIN/FT), 763'-806' (9-10 MIN/FT).
- 10-2-80 1,010' MADE 74' IN TWIN CREEK FORMATION. OPEN HOLE FROM 8-6'-880' (74'). POH, PILOT BIT GONE, P/U MAGNET, PRESENTLY TRIPPING IN W/MAGNET TO RETRIEVE CONE.
- 10-3-80 1,010' MADE 0' IN TWIN CREEK FORMATION. P/U MAGNET, TIH, POH STEEL SHAVINGS ON MAGNET. TIH W/MAGNET, POH, TIH W/17-1/2" BIT - TRY TO PUSH FISH DOWN, ROTATE BIT SLOWLY-DROPPED 4"-6", POH, P/U POOR BOY JUNK BSKT. TIH & TAG FISH @ 884' NOTHING RECOVERED IN JUNK BSKT, TIH W/JUNK BST TO STRADDLE BIT, TAGGED FISH @ 844', POH.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 10-4-80 1,010' MADE 10' IN TWIN CREEK FORMATION. MODIFIED JUNK BASKET BY ADDING CABLE TO INSIDE, RIH, TAGGED FISH @ 885' POH EMPTY, READJUSTED TOOTH LENGTH ON BASKET TIH, SET DOWN ON FISH @ 885'. POH W/2,000 LBS DRAG, RECOVERED CUTTER FROM HOLE OPENER. RIH W/SCREW IN SUB, SCREWED ONTO BIT, POH, RECOVERED BIT, RIH W/MAGNET, POH-2 FINGERS FROM BASKET, RIH W/NEW HOLE OPENER, REAM & WASH 60' TO BTM. PRESENTLY REAMING AHEAD.
- 10-5-80 1,010' MADE 103' IN TWIN CREEK FORMATION. REAMING AHEAD.
- 10-6-80 1,017' MADE 7' IN TWIN CREEK FORMATION. DRLD & OPENED HOLE @ 1,017', CIRC 1/2 HR, POH, RIH-HAD NO FILL, CIRC 1 HR, POH, RIGGED UP CSG CREW, RAN 25 JTS, 94", H-40, ST & C, SHOE @ 1,012. CMTD W/BJ LIGHT, W/2% CACL2, 1/4#/SK CELLOFLAKE, PMPG 660 SKS CLASS "G" W/2% CACL2, 1/2#/SK CELLOFLAKE, GOOD RETURNS DURING JOB.
- 10-7-80 1,017' MADE 0' IN TWIN CREEK FORMATION. WOC - 7 HR. CUTOFF 30" & 20" CSG. N/U SPACER SPOOL, DRLG SPOOL, HYDRIL, SPACER SPOOL & ROTATING HEAD. PRESENTLY SETTING UP FLOWLINE.
- 10-8-80 1,017' MADE 0' IN TWIN CREEK FORMATION. N/U 20", RAN 1-1/4" TBG DOWN OUTSIDE 20" CSG & TAG CMT @ 160'.
- 10-9-80 1,017' MADE 0' IN TWIN CREEK FORMATION. N/U & WOC 9 HRS. DRLG CMT & FLOAT COLLAR AT 965'-969' (4'), RAN ON IRON. P/U MAGNET. RIH. FISHING . POH @ 6:00 AM. TESTED HYDRIL, CSG, SPOOL, VALVES, 500 PSI FOR 30 MINS, OK.
- 10-10-80 1,017' MADE 0' IN TWIN CREEK FORMATION. PICK UP 12-1/8" MILL, TIH, MILLED 2 HRS, CUT 15' OF CMT & IRON, POH, PICK UP 17-5/8" MILL, RIH, MILL TO 995' (15'), POH, PICK UP MAGNET, TIH, WORK MAGNET, POH, RECOVERED 1-2 LBS IRON CUTTINGS, TEST CSG TO 500 PSI, 30 MIN, OK, PICK UP 17-1/2' MILL TOOTH BIT, DRILL CMT 995'-1,013', BEGIN DRLG SHOE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE <u>U-25474</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME <u>Thousand Dollar</u>
9. WELL NO. <u>1-10</u>
10. FIELD OR WILDCAT NAME <u>Wildcat</u>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 10, T9N, R5E</u>
12. COUNTY OR PARISH <u>Rich</u> 13. STATE <u>Utah</u>
14. API NO. <u>43-033-30027</u>
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>7865' G.L., 7893' KB</u>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 10-11-80 To: 10-24-80

RECEIVED

NOV 12 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED M.E. Krugh TITLE Drilling Superintendent DATE 11-7-80

By Watt (This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 10-11-80 1,250' MADE 233' IN NUGGET FORMATION. MW 8.8, VIS 32. OPER DRLG. DEV DEPTH 1,038' INC 1/2° TELEDRIFT, DEV DEPTH 1,033' INC 1/2° TELEDRIFT, DEV DEPTH 1,199' INC 1/2° TELEDRIFT. TOTAL BHA 467.42'. DRLG AHEAD, NO PROBLEMS. TOP OF NUGGET=1,020'. LITHOLIGY: 100% RED BROWN & PINK SANDSTONE.
- 10-12-80 1,438' MADE 188' IN NUGGET FORMATION. MW 8.9, VIS 38. OPER DRLG. DEV DEPTH 1,231' INC 1/2° TELEDRIFT, DEV DEPTH 1,369' INC 1/2° TELEDRIFT, DEV DEPTH 1,420' INC 1/2° TELEDRIFT. TOTAL BHA 458.52'. DRILL TO 1,369', POH. POC WASH OUT, SHOCK SUB WASHED OUT, DRLG AHEAD, NO PROBLEMS. GEOLOGY: 100% RED BROWN SANDSTONE.
- 10-13-80 1,700' MADE 262' IN NUGGET FORMATION. MW 8.9, VIS 38. OPER DRLG. DEV DEPTH 1,531' INC 1/2° TELEDRIFT, DEV DEPTH 1,563' INC 1/2° TELEDRIFT, DEV DEPTH 1,688', INC 1/2° TELEDRIFT. DRLG AHEAD NO PROBLEMS. LITHOLOGY: 100% RED BROWN SANDSTONE.
- 10-14-80 1,884' MADE 184' IN NUGGET FORMATION. MW 9.0, VIS 38. OPER DRLG. DEV DEPTH 1,710' INC 1/2°, DEV DEPTH 1,782' INC 1/2°, DEV DEPTH 1,876' INC 1/2°. DRLG NO PROBLEMS. TRIP TO LAY DOWN BAD SHOCK SUB - NO SHOCK SUB ON LOCATION. TOH:PICK UP NEW SHOCK SUB. TRIP IN. LITHOLOGY: 100% REDDISH BROWN TO LT PINK SS.
- 10-15-80 2,114' MADE 230' IN NUGGET FORMATION. MW 7.8, VIS 41. OPER DRLG. DEV DEPTH 2,062' INC 1/2°, DEV DEPTH 2,070' INC 3/4°, DEV DEPTH 2,104' INC 1/2°. TRIP OUT P/U SS. RIH. DRLG AHEAD OK. LITHOLOGY: 100% RED BROWN & LITE PINK SS.
- 10-16-80 2,259' MADE 145' IN NUGGET FORMATION. MW 9.0, VIS 38. OPER TIH. DEV DEPTH 2,164' INC 1°, DEV DEPTH 2,210' INC 1°, DEV DEPTH 2,259' INC 1°. TRIP OUT. L/D SHOCK SUB, P/U NEW TELEDRIFT. LITHOLOGY: 98-100% RED BROWN SANDSTONE, 2% WHITE GYPSUM.
- 10-17-80 2,419' MADE 160' IN NUGGET FORMATION. MW 9.0, VIS 41. OPER DRLG. DEV DEPTH 2,277' INC 1°, DEV DEPTH 2,307' INC 1-1/2°, DEV DEPTH 2,402' INC 1-1/2°. DRLG W/NO PROBLEMS. LITHOLOGY: 100% RED BROWN SS-TIGHT.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 10-18-80 2,564' MADE 145' IN NUGGET FORMATION. MW 9.1, VIS 45. OPER DRLG. DEV DEPTH 2,464' INC 1-1/2°, DEV DEPTH 2,526' INC 1-1/2°. DRLG AHEAD, NO PROBLEMS. LITHOLOGY:100% RED BROWN ORANGE SANDSTONE, TRACE ANNYDRITE & GYPSUM.
- 10-19-80 2,607' MADE 43' IN NUGGET FORMATION. MW 8.9, VIS 42. OPER DRLG. DEV DEPTH 2,571' INC 1-1/4". TRIP, CHANGE OUT IBS, SHOCK SUB & TELEDRIFT, REAM 50'-BTM. DRLG HARD W/NO PROBLEMS. LITHOLOGY:100% RED BROWN SANDSTONE.
- 10-20-80 2,728' MADE 121' IN NUGGET FORMATION. MW 8.9, VIS 41. OPER DRLG. DEV DEPTH 2,641' INC 1/2°, DEV DEPTH 2,682' INC 1/2°, DEV DEPTH 2,712' INC 1/2°. DRLG NO PROBLEMS - SOME TORQUE. LITHOLOGY:95% RED BROWN SANDSTONE, 5% RED BROWN SILTSONE.
- 10-21-80 2,774' MADE 46' IN NUGGET FORMATION. MW 8.8, VIS 43. OPER DRLG. DEV DEPTH 2,723' INC 1-1/2° WIRELINE, DEV DEPTH 2,763' INC 1-1/4° WIRELINE. TRIP FOR BIT #9, WASH & REAM 60' TO BTM, DRLG NO PROBLEMS. LITHOLOGY:95% RED BROWN ORANGE SANDSTONE, 5% ANHYDRITE (LT GREEN).
- 10-22-80 2,8660' MADE 86' IN NUGGET FORMATION. MW 8.9, VIS 41. OPER DRLG. DEV DEPTH 2,800' INC 2-1/4° WIRELINE, DEV DEPTH 2,837' INC 1-1/2° WIRELINE. DRLG NO PROBLEMS. LITHOLOGY:100% RED BROWN SANDSTONE.
- 10-23-80 2,908' MADE 48' IN ANKERAH FORMATION. MW 8.9, VIS 40. OPER DRLG. DEV DEPTH 2,860' INC 1-3/4° WIRELINE, DEV DEPTH 2,890' INC 1-3/4° DROPPED. ROP DROPPED, POH FOR BIT #10, CHANGED INSIDE OF TELEDRIFT, DRLG AHEAD NO PROBLEMS. RECIEVED LOAD OF FUEL. GEOLOGY:95% SHALE, 5% SANDSTONE (ALL RED BROWN), ANKERAH TOP @ 2,854'.
- 10-24-80 2,978' MADE 70' IN ANKERAH FORMATION. MW 8.9, VIS 42. OPER DRLG. DEV DEPTH 2,900' INC 1-1/2° WIRELINE, DEV DEPTH 2,959' INC 1-1/2° WIRELINE. TOTAL BHA 456.46'. DRLG AHEAD NO PROBLEMS. GEOLOGY: 90-95% MULTICOLORED SHALE, 5-10% WHITE SANDSTONE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 10-25-80 To: 11-7-80

RECEIVED

NOV 17 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED M.E. Krugh by Walt West TITLE Drilling Superintendent DATE November 14, 1980
(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 10-25-80 3,022' MADE 44' IN ANKAREH FORMATION. DEV DEPTH 2,970' INC 1-3/4° WIRELINE, DEV DEPTH 2,998' INC 1-3/4° WIRELINE, DEV DEPTH 3,021' INC 1° WIRELINE. DRLG AHEAD-NO PROBLEMS.
- 10-26-80 3,061' MADE 39' IN ANKAREH FORMATION. DEV DEPTH 3,047' INC 2° DROPPED, DEV DEPTH 3,052' INC 1° TELEDRIFT.
- 10-27-80 3,132' MADE 71' IN ANKAREH FORMATION. DEV DEPTH 2,083' INC 1-1/2° WIRELINE, DEV DEPTH 3,114' INC 2° TELEDRIFT. POH LAY DOWN SHOCK SUB P/U NEW SHOCK, TIH.
- 10-28-80 3,246' MADE 114' IN ANKAREH FORMATION. DEV DEPTH 3,130' INC 2° TELEDRIFT, DEV DEPTH 3,175' INC 2-1/2° TELEDRIFT, DEV DEPTH 3,200' INC 2-1/2° TELEDRIFT. DRLG NO PROBLEMS.
- 10-29-80 3,333 MADE 87' IN ANKAREH FORMATION. DEV DEPTH 3,230' INC 2° TELEDRIFT, DEV DEPTH 3,296' INC 2° TELEDRIFT, DEV DEPTH 3,327' INC 1-1/2° TELEDRIFT. DRLG AHEAD NO PROBLEMS.
- 10-30-80 3,380' MADE 47' IN ANKERAH FORMATION. DEV DEPTH 3,358' INC 2° TELEDRIFT, DEV DEPTH 3,362' INC 2° TELEDRIFT DROPPED. DRLG AHEAD NO PROBLEMS.
- 10-31-80 3,487' MADE 107' IN ANKERAH FORMATION. DRLG AHEAD W/NO PROBLEMS.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 11-1-80 3,599' MADE 112' IN ANKAREH FORMATION. DEV DEPTH 3,493' INC 2-1/2° DROPPED, DEV DEPTH 3,523' INC 2° TELEDRIFT, DEV DEPTH 3,569' INC 7° TELEDRIFT. TRIP TO BTM, DRLG NO PROBLEMS.
-
- 11-2-80 3,701' MADE 102' IN ANKAREH FORMATION. DEV DEPTH 3,599' INC 2° WL, DEV DEPTH 3,662' INC 2-3/4° WL, DEV DEPTH 3,693' INC 2-1/4° WL. DRLG NO PROBLEMS.
- 11-3-80 3,733' MADE 32' IN ANKAREH FORMATION. DEV DEPTH 3,724' INC 2-1/2°. POH L/D TELEDRIFT & SHOCK SUB. WAIT ON BIT SUB.
- 11-4-80 3,780' MADE 47' IN ANKAREH FORMATION. DEV DEPTH 3,764' INC 2° WIRELINE. WASH & REAM 45' TO BTM. DRLG AHEAD NO PROBLEMS.
- 11-5-80 3,800' MADE 20' IN ANKAREH FORMATION. DEV DEPTH 3,782' INC 1-3/4°. POH TO CHANGE JETS IN BIT #14, POH @ 3,793' FOR BIT #15, WASH & REAM TO BTM, DRLG AHEAD NO PROBLEMS.
- 11-6-80 3,882' MADE 82' IN ANKAREH FORMATION. DEV DEPTH 3,827' INC 1-1/2°, DEV DEPTH 3,950' INC 1-1/4°. DRLG NO PROBLEMS.
- 11-7-80 3,968' MADE 86' IN ANKAREH FORMATION. DEV DEPTH 3,889' INC 1-1/4°, DEV DEPTH 3,920' INC 1-1/4°. DRLG NO PROBLEMS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 11-8-80 To: 11-14-80



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED JME Kuygh TITLE Drilling Superintendent DATE November 18, 1980

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 11-8-80 4,004' MADE 36' IN ANKAREH FORMATION. MW 8.9, VIS 38. TRIP FOR NEW BIT. WASH & REAM 70' TO BTM. DRLG NO PROBLEMS. LITHOLOGH-100% CLEAR WHITE GREY SS. BGG-TRACE, NO SHOWS.
- 11-9-80 4,116' MADE 112' IN THAYNES FORMATION. MW 9.0, VIS 44. DRLG NO PROBLEMS. LITHOLOGY:40% WHITE SS, 30% GREY DOLOMITE, 30% MULTICOLORED SHALE. BGG:TRACE, SHOWS-TRACE.
- 11-10-80 4,206' MADE 40' IN THAYNES FORMATION. MW 8.9, VIS 37. DRLG NO PROBLEMS. LITHOLOGH:20% GRAY-BROWN DOLOMITE, 70% GREEN RED-BROWN SHALE, 10% WHITE ANNHYDRITE. BGG;TRACE, NO SHOWS.
- 11-11-80 4,275' MADE 69' IN THAYNES FORMATION. MW 9.0, VIS 39. TOTAL BHA 474.70'. DRLG NO PROBLEMS. TRIP FOR NEW BIT. LITHOLOGY:95% RED BROWN SILTSTONE & SHALE. 5% ANNHYDRITE & GRAY SILTSTONE & SHALE. BGG-TRACE, NO SHOWS.
- 11-12-80 4,275' MADE 0' THAYNES FORMATION. MW 9.0, VIS 39. WASH & REAM 1,300'-3,675'. REAMING HARD 3,675'-3,996'.
- 11-13-80 4,275' MADE 0' IN THAYNES FORMATION. MW 9.1, VIS 44. REAM 3,996'-4,175'.
- 11-14-80 4,278' MADE 3' IN THAYNES FORMATION. MW 9.0, VIS 35. OPER DRLG. DRLD 4,275'-4,278', POH, MAKE UP NEW BHA, RIH, REAMED 1,568'-1,610', PRESENTLY RIH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE
Rich | Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 11-15-80 To: 11-28-80

RECEIVED

DEC 10 1980

**DIVISION OF
OIL, GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE Dec. 5, 1980
by [Signature] (This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 11-15-80 4,278[±] MADE 0[±] IN THAYNES FORMATION. MW 9.1, VIS 46. OPER WASH & REAM.
- 11-16-80 4,313[±] MADE 35[±] IN THAYNES FORMATION. MW 9.0, VIS 41. OPER DRLG. DEV DEPTH 4,290[±] INC 2°, DEV DEPTH 4,305[±] INC 1-1/2°. LITHOLOGY:90% SILTSTONE RED & BROWN, 10% TAN SS. TRACES ANHYDRITE & MULTICOLORED SHALE. BGG-TRACE.
- 11-17-80 4,372[±] MADE 59[±] IN THAYNES FORMATION. MW 9.0, VIS 44. OPER DRLG. DEV DEPTH 4,315[±] INC 2-1/4° WIRELINE, DEV DEPTH 4,330[±] INC 2-1/2° TELEDRIFT, DEV DEPTH 4,367[±] INC 2° TELEDRIFT. LITHOLOGY:90% RED BROWN SILTSTONE, 10% GREEN SHALE, TR ANHYDRITE. BGG-TRACE.
- 11-18-80 4,423[±] MADE 57[±] IN THAYNES FORMATION. MW 8.9, VIS 46. DEV DEPTH 4,383[±] INC 3° TELEDRIFT, DEV DEPTH 4,388[±] INC 2-1/2°, DEV DEPTH 4,398[±] INC 2-1/2°. LITHOLOGY:90% BROWN SILTSTONE, 10% BROWN SHALE. BGG-TRACE.
- 11-19-80 4,472[±] MADE 49[±] IN THAYNES FORMATION. MW 9.0, VIS 42. OPER TRIP IN. DEV DEPTH 4,444[±] INC 2-1/2° TELEDRIFT, DEV DEPTH 4,461[±] INC 2-1/2° TELEDRIFT, DEV DEPTH 4,472[±] INC 2-1/2° DROPPED. LITHOLOGY:98% RED BROWN SILTSTONE, TR LIGHT GREEN SHALE, TR OF WHITE ANHYDRITE. FROM 4,415[±]-4,455[±] TOTAL GAS 1 UNIT 125 PPM OF C-1, NO OTHER SHOWS.
- 11-20-80 4,530[±] MADE 58[±] IN THAYNES FORMATION. MW 9.0, VIS 40. OPER DRLG. DEV DEPTH 4,503[±] INC 3° TELEDRIFT, DEV DEPTH 4,516[±] INC 3° TELEDRIFT. LITHOLOGY:90% BR SILTSTONE, 10% BR SHALE, TR ANHYDRITE. BGG-TR.
- 11-21-80 4,594[±] MADE 64[±] IN THAYNES FORMATION. MW 9.0, VIS 40. OPER DRLG. DEV DEPTH 4,534[±] INC 3°, DEV DEPTH 4,565[±] INC 3°, DEV DEPTH 4,585[±] INC 3°. LITHOLOGY:95% BROWN HARD SILTSTONE 5% BROWN SHALE, TRACE ANHYDRITE. BGG-TRACE, NO SHOWS.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 11-22-80 4,627[±] MADE 33[±] IN THAYNES FORMATION. DEV DEPTH 4,596[±] INC 3° TELEDRIFF, DEV DEPTH 4,627[±] INC 3° TELEDRIFF, DEV DEPTH 4,627[±] INC 3° DROPPED. DRLG NO PROBLEMS. TRIP FOR BIT @ 4,627[±].
- 11-23-80 4,632[±] MADE 5[±] IN THAYNES FORMATION. WASH & REAM 20[±] TO BTM, CIRC 1 HR, POH FOR LOGS, RIG UP LOGGERS RUN SP-DIL, BHC-GR, SP-DLL, DIPMETER-CAL.
- 11-24-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. RAN DIPMETER & FDC-CNL LOGS. RIH & CIRC & COND HOLE. POH TO RIG UP & RUN 13-3/8" CSG. DIRECTION OF HOLE @ BTM: 7.8[±]N, 84.1[±]E, CLOSURE 84.5[±].
- 11-25-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. RU & RAN 109 JTS 13-3/8" CSG W/GUIDE SHOE @ 4,617[±] & STAB IN FLOAT CLR 1 JT ABOVE. TRIP IN W/DP & STAB INTO FLOAT CLR. CIRC CSG PREPARING TO CMT.
- 11-26-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. CMTED 13-3/8" CSG. 1ST STAGE: CMTD CSG W/3,068 SKS OF HALLIBURTON LITE W/1/4#/SK FLOCELE 1% CACL, FOLLOWED BY 1,376 SK OF CLASS "G" W/1/4#/SK FLOCELE. USED 100% EXCESS VOLUME.
- 11-27-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. ND 20" STACK, CUT 13-3/8" CSG & WELD ON HEAD. NU 13-3/8" BOPE, 10,000 PSI EQUIP.
- 11-28-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. FINISHED NU BOPE. PRESS TEST ALL RAMS & AUXILIARY EQUIP TO 5,000 PSI, ANNULAR TO 2,5000 PSI. PU 12-1/4" BHA & RIH, PRESENTLY DRLG CMT BELOW CSG SHOE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>		

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE
Rich | Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 11-29-80 To: 12-5-80

RECEIVED

DEC 11 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE _____
by J. E. Neal (This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

11-29-80 4,632[±] MADE 0[±] IN THAYNES FORMATION. DRILL CMT & FLOAT SHOE. RAN FORM LEAK OFF TEST 1,560 PSI 15.5# EQUIV MUD WT RAN CSG PROFILE CALIPER LOG & GIRO. 2-3/4° S 88 F (UNCORRECTED). PICK UP BHA.

11-30-80 4,726[±] MADE 94[±] IN ANKAREH FORMATION. DEV DEPTH 4,661[±] INC 2-1/2°, DEV DEPTH 4,691[±] INC 3D, DEV DEPTH 4,722[±] INC 3-1/2°. DRLG NO PROBLEMS.

12-1-80 4,813[±] MADE 87[±] IN ANKAREH FORMATION. DEV DEPTH 4,752[±] INC 3-1/2° TELEDRIFT, DEV DEPTH 4,782[±] INC 3° WIRELINE. DRLG NO PROBLEMS.

12-2-80 4,894[±] MADE 81[±] IN ANKAREH FORMATION. DEV DEPTH 4,813[±] INC 3°, DEV DEPTH 4,844[±] INC 3-1/4°, DEV DEPTH 4,875[±] INC 3-1/4°. DRLG AHEAD, NO PROBLEMS.

12-3-80 4,998[±] MADE 104[±] IN ANKAREH FORMATION. DEV DEPTH 4,906[±] INC 3-1/2°, DEV DEPTH 4,967[±] INC 3-1/2°, DEV DEPTH 4,998[±] INC 3-3/4°. DRLG AHEAD. NO PROBLEMS.

12-4-80 5,005[±] MADE 7[±] IN ANKAREH FORMATION. POH, PU BIT #22 & MAKE UP PACKED PENDULUM ASSAY. RIH.

12-5-80 5,090[±] MADE 85[±] IN ANKAREH FORMATION. DEV DEPTH 5,031[±] INC 3-1/2° TELEDRIFT, DEV DEPTH 5,046[±] INC 3-1/2° TELEDRIFT, DEV DEPTH 5,077[±] INC 4-1/2° WIRELINE. DRLD 5,005[±]-5,090[±].

RECEIVED

DEC 11 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Wildcat

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659 Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,286' FWL & 1,129' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

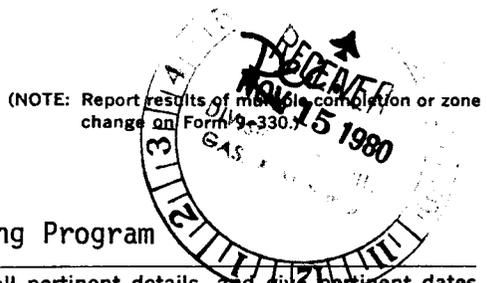
14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7,865' GL 7,893' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other) Change in Surface Casing Design and Cementing Program



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.)*

A 13-3/8" surface string was recently run at Thousand Dollar #1-10. The setting depth of the shoe is 4,617' KB. Attached is a casing design sheet showing the revised safety factors.

This casing was cemented to surface with the following: 3,068 sacks of Halliburton Light containing 1% Calcium Chloride and 1/4 pound per sack flocele, followed by 1,376 sacks of Class "G" containing 1/4 pound per sack flocele. Cement was circulated to surface during this job.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 12-16-80

BY: M. J. Minder

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE Dec. 10, 1980
by [signature]

(This space for Federal or State office use)

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

MARATHON OIL COMPANY
 DRILLING OPERATIONS PLAN

Thousand Dollar #1-10

Casing Design

<u>CASING STRING</u>	<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE AND JOINT</u>	<u>NEW OR USED</u>	<u>MUD WEIGHT</u>	<u>TENSION LOAD</u>	<u>SF_t</u>	<u>SF_c</u>	<u>SF_b</u>
Surface	17-1/2"	0'-1,001.41'	1,001.41'	13-3/8"	S-80, 68#, ST&C	New	9.5	305.8	2.96	5.02	2.03
	17-1/2"	1,001.41'-2,161.13'	1,159.72'	13-3/8"	K-55, 61#, ST&C	New	9.5	237.8	2.66	1.30	2.26
	17-1/2"	2,161.13'-4,617.00'	2,455.87'	13-3/8"	S-80, 68#, ST&C	New	9.5	167	5.42	1.25	3.52

FLUID SAMPLE DATA				Date	12-21-80 <th>Ticket Number</th> <td>917537 </td>	Ticket Number	917537
Sampler Pressure	75	P.S.I.G. at Surface		Kind of D.S.T.	OPEN HOLE	Halliburton Location	ROCK SPRINGS
Recovery: Cu. Ft. Gas	.58			Tester	RIDER	Witness	-
cc. Oil				Drilling Contractor	LORD # 3	NM S	
cc. Water				EQUIPMENT & HOLE DATA			
cc. Mud	25			Formation Tested	Ankareh		
Tot. Liquid cc.				Elevation	7865'	GL	7893' KB
Gravity		° API @					
Gas/Oil Ratio		cu. ft./bbl.		Net Productive Interval	6'	Ft.	
		RESISTIVITY	CHLORIDE CONTENT	All Depths Measured From	Kelly Bushing		
Recovery Water		@	°F.	Total Depth	6559'	Ft.	
Recovery Mud	1.04	@	68	Main Hole/Casing Size	12 1/2"		
Recovery Mud Filtrate		@	°F.	Drill Collar Length	375'	I.D.	2 13/16"
Mud Pit Sample	1.09	@	68	Drill Pipe Length	6011'	I.D.	3.826"
Mud Pit Sample Filtrate		@	°F.	Packer Depth(s)	6421' - 6429'	Ft.	
Mud Weight	8.9	vis	41	Depth Tester Valve	6404.29'	Ft.	
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke		
	NONE	NONE	NONE	1/4"	.75"		
Recovered	300'	Feet of	drilling mud - slightly gas cut				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks	REVERSED OUT - TOOK ONE SAMPLE - 1.04 at 68 ⁰ - 5,000 PPM						
	CS = CLOCK STOPPED INTERMITTENTLY THROUGHOUT THE TEST.						
	SEE PRODUCTION TEST DATA SHEET FOR REMARKS..						
	CS ¹ = CLOCK STOPPED AFTER 10 MINUTES.						
	CS ² = CLOCK STOPPED AFTER 20.6 MINUTES.						
	CS = CLOCK STOPPED AFTER 25.9 MINUTES.						
TEMPERATURE	Gauge No. 573	Gauge No. 437	Gauge No.	TIME (00:00-24:00 hrs.)			
	Depth: 6407' Ft.	Depth: 6556' Ft.	Depth: Ft.				
Est. 142 °F.	24 Hour Clock	24 Hour Clock	Hour Clock	Tool 12-21-80			
	Blanked Off NO	Blanked Off YES	Blanked Off	Opened 07:33			
Actual °F.	Pressures		Pressures		Pressures		Reported
	Field	Office	Field	Office	Field	Office	Computed
Initial Hydrostatic	-	3064.7	3124	3143.4			Minutes
First Period Flow	Initial	129.5	160	217.3			28
	Final	146.8	198	205.1			30
Second Period Flow	Initial	128.5	160	196.6			60
	Final	153.5CS ₂	208	216.4			58
Third Period Flow	Initial	910.1CS ₂	1350	1350.0			120
	Final						240
Final Hydrostatic	-	3038.6	3124	3118.5			240

THOUSAND DOLLAR
 Lease Name
 1-10
 Well No.
 1
 Test No.
 6429' - 6559'
 Tested Interval
 RICH
 COUNTY
 WILDCAT
 Field Area
 MISC. FROM TESTER VALVE
 STATE
 UTAH
 MARATHON OIL COMPANY
 Lease Owner/Company Name

C-22

PRESSURE



TIME



844913-437

R L R T

RESSURE

844913-573

TIME

Top 573 CLK. 16973

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 917537
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date	Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
12-20-80						Called out.
	17:30					
	21:00					On location.
	22:30					Picked up the tools.
12-21-80	01:00					Trip in the hole.
	07:00					Rigged surface equipment.
	07:28					On bottom.
	07:33					Tool opened with a strong blow.
	07:34					Bubbled to bottom of the bucket.
	07:40					10# PSI on bubble hose.
	07:45					20# PSI on bubble hose.
	07:50	1/4"	26	NO GAS		26# PSI , opened to pit on 1/4" choke.
	07:55	1/4"	32	NO GAS		
	07:58	1/4"	36	75		Gas to the surface.
	08:01	1/4"	37	76		Closed tool.
	09:01					Reopened tool - strong blow - opened to the pit on 1/4" choke - 0 PSI.
	09:06	1/4"	20	51		
	09:15	1/4"	41	82		
	09:30	1/4"	44	86		
	09:45	1/4"	44 1/2	87		
	10:00	1/4"	44	86		
	10:15	1/4"	43	85		
	10:30	1/4"	41	82		
	10:45	1/4"	38	77.5		
	11:01	1/4"	36	75		Closed tool..

SEE PAGE # 2

Gauge No. 573			Depth 6407'				Clock No. 9654			24 hour	Ticket No. 917537				
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.000	129.5	.000		146.8	.000	128.5	.000		153.5					
1	.016	101.7	.0064		490.4*	.032	153.5CS	.0512		801.1					
2	.032	115.1	.0192		865.1			(.0660		910.1CS ²)					
3	.048	126.6	.0320		1172.0										
4	.064	137.2	.0448		1412.0										
5	.080	142.9	.0576		1579.6										
6	.096	146.8	.0704		1718.8										
7			.0832		1809.0CS										
8															
9															
10															
11															
12															
13															
14															
15															

Gauge No. 437			Depth 6556'				Clock No. 2219			hour 24
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.000	217.3	.000		205.1	.000	196.6	.000		216.4
1	.0167	165.4	.0068		545.2*	.0677	218.3	.0536		907.5
2	.0333	171.0	.0204		993.3	.1353	224.0	.1072		1165.0
3	.0500	180.5	.0340		1316.0	.2030	224.0	.1608		1255.6
4	.0667	192.8	.0476		1546.4	.2707	223.0	.2144		1283.0
5	.0833	200.3	.0611		1690.3	.3383	219.2	.2680		1295.2
6	.1000	205.1	.0747		1808.7	.4060	216.4	.3216		1302.8
7			.0883		1897.7			.3752		1309.4
8			.1019		1971.6			.4288		1315.0
9			.1155		2021.7			.4824		1320.7
10			.1291		2058.7			.5360		1325.4
11			.1427		2084.2			.5896		1331.1
12			.1562		2097.5			.6432		1335.8
13			.1698		2107.0			.6968		1340.5
14			.1834		2113.6			.7504		1345.2
15			.1970		2117.4			.8040		1350.0

Reading Interval 5 4 20 16 Minutes

REMARKS: * INTERVAL = 2 MINUTES. CS = READ AT THE END OF 25.9 MINUTES WHEN CLOCK STOPPED. CLOCK STARTED RUNNING AGAIN WHEN TOOL WAS OPENED FOR THE SECOND FLOW. CS¹ = READ AT THE END OF 10 MINUTES WHEN CLOCK STOPPED. CS² = READ AT THE END OF 20.6 MINUTES WHEN CLOCK STOPPED.

SPECIAL PRESSURE DATA



	O. D.	I. D.	LENGTH	DEPTH
7 5/8" x 6 5/8" REG XO	9	2.875"	2.68'	
* Drill Pipe for Running				
* Drill Collars REV. SUB 6 5/8" REG.	7 7/8"	2.75"	.97'	6297.23'
* Reversing Sub				
* Water Gushion Valve 6 5/8" x 7 5/8"	8 7/8"	3.50"	1.09'	
Drill Pipe	4 1/2"	3.826"	6011'	
Drill Collars	9"	2.812"	375'	
7 5/8" REG. x 6 5/8" REG. XO	8 3/4"	2.75"	1.18'	
* Running Gas Backflow Preventer				
* Dual CIP Valve 5 1/2" REG. x 4 1/2" FH XO	6 3/4"	2.75"	1.16'	
Dual CIP Sampler	5"	.87"	6.65'	6399.29'
Hydro-Spring Tester	5"	.75"	5.00'	6404.29'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4.00'	6407'
Hydraulic Jar	5"	1.50"	5.00'	
VR Safety Joint	5"	1.00"	2.50'	
Pressure Equalizing Crossover				
Packer Assembly NR # 3	11 1/2"	1.53"	6.00'	6421'
Distributor	5"	1.68"	2.00'	
Packer Assembly	11 1/2"	1.53"	6.00'	6429'
Flush Joint Anchor 4 1/2" x 3 1/2" FH XO	5 3/4"	2.50"	1.18'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint	5.00"	1.50"	4.00'	
Packer Assembly 3 1/2" FH x 4 1/2" XH	6"	2.50"	1.20'	
Distributor * COLLARS	6 1/4"	2.50"	92.65'	
Packer Assembly 4 1/2" XH x 3 1/2" FH	5 7/8"	2.50"	1.18'	
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.37"	24.00'	
Blanked-Off B.T. Running Case	5"	3.06"	4.00'	6556'
Total Depth				6559'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>	

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 12-6-80 To: 12-19-80

OIL, GAS & MINING
DIVISION OF

DEC 29 1980



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Knapp TITLE Drilling Superintendent DATE 12-24-80
by J. Foreman

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 12-6-80 5,152¹ MADE 62¹ IN ANKAREH FORMATION. MW 8.8, VIS 38. 5,109¹ INC 4-1/2° TELEDRIFT, 5,109¹ INC 4° WIRELINE, 5,140¹ INC 4-1/2° TELEDRIFT. DRLG AHEAD W/NO PROBLEMS. LITHOLOGY: 80% BROWN SILTSTON, 20% GRAY SILTSTONE, TRACE OF ANNYDRITE. BGG TRC, NO CONNECTION OR TRIP GAS.
- 12-7-80 5,238¹ MADE 86¹ IN ANKAREH FORMATION. MW 8.8, VIS 38. 5,154¹ INC 4-1/2° TELEDRIFT, 5,171¹ INC 3-1/2° WIRELINE, 5,151¹ INC 3-1/2° TELEDRIFT, 5,202¹ INC 3-1/2° TELEDRIFT, 5,218¹ INC 3-1/2° TELEDRIFT. DRLG AHEAD NO PROBLEMS. LITHOLOGY: 60% LT TAN, BROWN SILTSTONE 35% BROWN SHALE 5% LT GRAY ANNYDRITE. BGG TRACE, NO CONNECTION OR TRIP GAS.
- 12-8-80 5,324¹ MADE 86¹ IN ANKAREH FORMATION. MW 8.8, VIS 40. DEV DEPTH 5,233¹ INC 3-1/2° WIRELINE, 5,248¹ INC 3-1/2° TELEDRIFT, 5,264¹ INC 3-1/2° WIRELINE, 5,275¹ INC 3-1/2° TELEDRIFT, 5,310¹ INC 3-1/2° WIRELINE, 5,260¹ INC 3-1/2° WIRELINE. DRLG AHEAD W/NO PROBLEMS. LITHOLOGY: 70% LT BROWN SILTSTONE, 30% SHALE W/TR ANNYDRITE. BGG TRACE, NO SHOWS, NO CONNECTION GAS.
- 12-9-80 5,399¹ MADE 75¹ IN ANKAREH FORMATION. MW 8.8, VIS 42. 5,326¹ INC 3-1/2° WIRELINE, 5,357¹ INC 3-1/2° TELEDRIFT, 5,385¹ INC 3°, 5,399¹ INC 3-1/2° TELEDRIFT. DRLG AHEAD W/NO PROBLEMS LITHOLOGY: 70% BR SILTSTONE, 20% LT BROWN SHALE, 10% ANNYDRITE, TR SANDSTONE. BGG TR, NO SHOWS, NO TRIP GAS.
- 12-10-80 5,496¹ MADE 97¹ IN ANKAREH FORMATION. MW 8.7, VIS 40. 5,449¹ INC 3° WIRELINE, 5,464¹ INC 2-1/2° TELEDRIFT, 5,480¹ INC 2-1/2° TELEDRIFT, 5,495¹ INC 2-1/2° TELEDRIFT. DRLG AHEAD W/NO PROBLEMS. LITHOLOGY: 10% WHITE SANDSTONE, 80% MIXTURE OF SILTSTONE & SHALE, 10% ANHYDRITE. BGG TR, NO SHOWS, NO CONNECTION GAS.
- 12-11-80 5,592¹ MADE 96¹ IN ANKAREH FORMATION. MW 8.7, VIS 42. 5,511¹ INC 2° WIRELINE, 5,543¹ INC 3° WIRELINE, 5,589¹ INC 2° TELEDRIFT. LITHOLOGY: 10% GRAY DOLOMITE, 40% BROWN SHALE, 30% BROWN SILTSTONE, 10% WHITE SS, 10% ANNYDRITE. BGG TRACE, NO SHOWS.
- 12-12-80 5,647¹ MADE 55¹ IN ANKAREH FORMATION. MW 8.8, VIS 48. 5,605¹ INC 2° WIRELINE & TELEDRIFT, 5,647¹ INC 2° TELEDRIFT. DRLD 5,592¹-5,647¹ NO PROBLEMS, TRIP F/NEW BIT #24, RIH W/BHA. LITHOLOGY: 70% BROWN SILTSTONE, 5% BROWN SHALE, 10% DOLOMITE, 15% ANNYDRITE. BGG-TRACE, NO SHOWS.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 12-13-80 5,780[±] MADE 133[±] IN ANKAREH FORMATION. MW 8.8, VIS 40. 5,698[±] INC 2° TELEDRIFT, 5,729[±] INC 2° TELEDRIFT, 5,760[±] INC 2° TELEDRIFT. DRLG AHEAD NO PROBLEMS. LITH: 60% BR SILTSTONE, 25% ANYHDRITE, 10% GRAY DOLOMITE, 5% BROWN SHALE. BGG-TR NO SHOW.
- 12-14-80 5,930[±] MADE 150[±] IN ANKAREH FORMATION. MW 8.8, VIS 45. 5,805[±] INC 2° TELEDRIFT, 5,853[±] INC 1-1/2° WIRELINE, 5,930[±] INC 2° TELEDRIFT. DRLG AHEAD NO PROBLEMS. LITH: 50% BROWN SILTSTONE, 30% BR SHALE, 10% TAN SILTSTONE, 10% ANHYDRITE. BGG TR NO SHOWS.
- 12-15-80 6,077[±] MADE 147[±] IN ANKAREH FORMATION. MW 8.8, VIS 43. 5,976[±] INC 2° TELEDRIFT, 6,008[±] INC 2° TELEDRIFT, 6,070[±] INC 2° TELEDRIFT. DRLG AHEAD LITH: 40% LT TAN DOLOMITE, 40% BROWN SILTSTONE, 10% BR SANDSTONE, 10% ANHYDRITE. BGG-TR NO SHOWS.
- 12-16-80 6,15[±] MADE 58[±] IN ANKAREH FORMATION. MW 8.9, VIS 44. 6,084[±] INC 1-1/2°, 6,132[±] INC 1-1/2° TELEDRIFT. POH, RIH W/NEW BIT #25. DRLD TO 6,135[±] W/NO PROBLEMS. LITH: 80% BROWN SILTSTONE, 20% SILTY DOLOMITE. BGG-TR, NO SHOWS.
- 12-17-80 6,256[±] MADE 121[±] IN ANKAREH FORMATION. MW 8.9, VIS 41. 6,208[±] INC 1-1/2° TELEDRIFT, 6,255[±] INC 1-1/2° TELEDRIFT. DRLG AHEAD. LITH: 70% RED BROWN & GREEN SILTSTONE, 25% RED SHALE, 5% ANNHYDRITE. BGG: TR-NO SHOWS.
- 12-18-80 6,315[±] MADE 59[±] IN ANKAREH FORMATION. MW 8.8, VIS 41. 6,270[±] INC 1-1/2° TELEDRIFT, 6,315[±] INC 1-1/2°. DRLG AHEAD. TRIP FOR BIT #26. LITH: 95% RED BROWN SILTSTONE, 3% RED BROWN SHALE, 2% ANHYDRITE. BGG TR NO SHOWS.
- 12-19-80 6,455[±] MADE 140[±] IN ANKAREH FORMATION. MW 8.8, VIS 42. 6,379[±] INC 1-1/2° TELEDRIFT, 6,410[±] INC 1-1/2° TELEDRIFT, 6,455[±] INC 1-1/2° TELEDRIFT. DRLG W/NO PROBLEMS. LITH: 95% RED-BROWN SILTSTONE 5% ANHYDRITE. BGG-TR @ 6,370[±] 1 UNIT, NO SHOWS.

OIL, GAS & MINING
DIVISION OF

DEC 29 1980

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

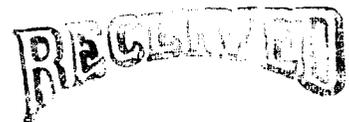
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 12-20-80 To: 12-26-80



JAN 8 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krough TITLE Drilling Superintendent DATE January 5, 1981
by [signature]

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 12-20-80 6,540[±] MADE 85[±] IN ANKAREH FORMATION. MW 8.9, VIS 70. 6,473[±] INC 2°, 6,520[±] INC 1-1/2°, 6,538[±] INC 1-1/2°. DRLG AHEAD W/NO PROBLEMS. LITHOLOGY: 90% RED-BROWN SILTSTONE, 5% RED-BROWN SHALE, 5% ANHYDRITE. BGG TR NO SHOWS, TRIP GAS 72 UNITS.
- 12-21-80 6,559[±] MADE 19[±] IN ANKAREH FORMATION. MW 8.9, VIS 41. DRLD 6,540[±]-6,559[±]. PU DST EQUIP RIH TO BTM OF CSG. WO DAYLIGHT TO OPEN TOOL.
- 12-22-80 6,559[±] MADE 0[±] IN ANKAREH FORMATION. MW 8.9, VIS 40. TEST INTERVAL 6,429[±]-6,559[±]. OPENED @ 7:30 AM. GAS TO SURFACE IN 27 MIN, MAX FLOW 83 MCF/D THRU 1/4" CHOKE. MAX SURFACE FLOWING PRESS 44.5 PSI. FLOW DEC TO 73 MCF/D AT END OF FINAL FLOW REV OUT 300' SLIGHTLY GAS CUT MUD. CHART DATA: IHP 3,124 PSI, INITIAL FLOW 30 MIN 160-198 PSI, ISI 1 HR 2,116 PSI, FINAL FLOW 2 HR 160-208 PSI, FINAL SHUT IN 4 HR 1,350 PSI, FHP 3,124 PSI, BHT 142° F. POH LD DST TOOLS. RIH.
- 12-23-80 6,674[±] MADE 115[±] IN ANKAREH FORMATION. MW 8.9, VIS 41. 6,565[±] INC 1-1/2° 6,643[±] INC 1-1/2° 6,627[±] INC 1-1/2° DRLG AHEAD. 250 UNITS TRIP GAS, NO CONNECTION GAS, BGG-TRACE. LITH: 95% RED-BROWN SILTSTONE & 5% ANHYDRITE.
- 12-24-80 6,796[±] MADE 122[±] IN ANKAREH FORMATION. MW 9.1, VIS 44. 6,689[±] INC 1-1/2°, 6,733[±] INC 1-1/2°, 6,751[±] INC 1-1/2°. DRLG. BGG TRACE, NO SHOWS. LITH: 90% RED-BROWN SILTSTONE, 5% BROWN SHALE, 5% CALCITE & ANHYDRITE.
- 12-25-80 6,918[±] MADE 122[±] IN ANKAREH FORMATION. MW 9.0, VIS 41. 6,812[±] INC 1-1/2°, 6,874[±] INC 2°, 6,921[±] INC 3°. DRLG BREAK 6,906[±]-6,912[±] DEVIATION. LITH: 90% RED-BROWN SILTSTONE, 5% BROWN SHALE, 5% CALCITE ANHYDRITE. BGG TRACE NO SHOWS.
- 12-26-80 7,048[±] MADE 130[±] IN ANKAREH FORMATION. MW 9.0, VIS 41. 6,937[±] INC 2-1/2°, 6,968[±] INC 2-1/2°, 7,014[±] INC 3°. 6,978[±]-6,983 BGG TRACE, NO SHOWS. LITH: 70% WHITE SANDSTONE, 15% GRAY LIMESTONE, 15% RED-BROWN SILTSTONE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*

(other) Please see below

5. LEASE

U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Thousand Dollar

9. WELL NO.

1-10

10. FIELD OR WILDCAT NAME

Wildcat

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

Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE

Rich | Utah

14. API NO.

43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)

7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 12-27-80 to: 1-2-81

RECEIVED

JAN 14 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE 1-9-81

by [signature] (This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 12-27-80 7,130' MADE 82' IN ANKAREH FORMATION. DEV DEPTH 7,062' INC 2-1/2° TELE, DEV DEPTH 7,069' INC 4° DROPPED, DEV DEPTH 7,124' INC 2-1/4° WIRELINE. DRLD 7,048'-7,069', POH FOR BIT #28, TIH, WASHED & REAMED 90' TO BTM, DRLD TO 7,130', CURRENTLY DRLG AHEAD.
- 12-28-80 7,231' MADE 101' IN ANKAREH FORMATION. DEV DEPTH 7,155' INC 3° TELE, DEV DEPTH 7,200' INC 3° TELE, DEV DEPTH 7,231' INC 2-1/2° TELE. DRLD 7,130'-7,231'.
- 12-29-80 7,262' MADE 31' IN ANKAREH FORMATION. DEV DEPTH 7,247' INC 3° TELE, DEV DEPTH 7,262' INC 3° TELE. DRLD 7,231'-7,262'. LOST 500 PSI PUMP PRESS, POH FOUND HOLE IN DP 10 JTS ABOVE HWDP. RIH, WASH & REAM 7,078'-7,193'.
- 12-30-80 7,316' MADE 54' IN ANKAREH FORMATION. DEV DEPTH 7,278' INC 4° TELE, DEV DEPTH 7,298' INC 4° TELE, DEV DEPTH 7,315' INC 4-1/2° TELE. REAM 7,193'-7,262'. DRLD 7,262'-7,316'.
- 12-31-80 7,349' MADE 33' IN ANKAREH FORMATION. DEV DEPTH 7,320' INC 4-1/2° TELE, DEV DEPTH 7,330' INC 4-1/2° TELE, DEV DEPTH 7,348' INC 3-1/2° DROPPED, DEV DEPTH 7,348' INC 4° TELE. DRLD 7,316'-7,338'. POH, CHGD BIT & STABS, RIH. DRLG AHEAD.
- 1-1-81 7,431' MADE 82' IN ANKAREH FORMATION. DEV DEPTH 7,371' INC 4-1/2° TELE, DEV DEPTH 7,401, INC 4-1/2° TELE, DEV DEPTH 7,417' INC 4° TELE. DRLD 7,349'-7,431'. WNO PROBLEMS.
- 1-2-81 7,558' MADE 127' IN ANKAREH FORMATION. DEV DEPTH 7,443' INC 4-1/2° TELE, DEV DEPTH 7,510' INC 4-1/2° TELE, DEV DEPTH 7,542' INC 4-1/2° TELE. DRLD 7,431'-7,558', NO PROBLEMS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH
Rich

13. STATE
Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 1-3-81 To: 1-9-81

RECEIVED

JAN 15 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE 1-13-81

by: [Signature]

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 1-3-81 7,623[±] MADE 65[±] IN ANKAREH FORMATION. MW 9.0. BIT NO 30, 12-1/4", HTC, J55R, DEPTH OUT 7,604[±], 256 FT, 58-1/2 HRS, DEV DEPTH 7,542[±] INC 4-1/2° TELE, DEV DEPTH 7,603[±] INC 4-1/2° TELE, DEV DEPTH 7,604[±] INC 4° DROPPED, DEV DEPTH 7,619[±] INC 5° TELE. DRLG AHEAD.
- 1-4-81 7,726[±] MADE 103[±] IN ANKAREH FORMATION. MW 9.0. DEV DEPTH 7,650[±] INC 5° TELE, DEV DEPTH 7,618[±] INC 5-1/2° TELE, DEV DEPTH 7,725[±] INC 5-1/2° TELE.
- 1-5-81 7,774[±] MADE 48[±] IN ANKAREH FORMATION. MW 8.9. BIT NO 31, 12-1/4", STC, F4. DEPTH OUT 7,728. DEV DEPTH 7,728[±] INC 5-3/4° DROP, DEV DEPTH 7,743[±] INC 6° TELE, DEV DEPTH 7,774[±] INC 6° TELE.
- 1-6-81 7,855[±] MADE 81[±] IN ANKAREH FORMATION. MW 9.0. DEV DEPTH 7,795[±] INC 6-1/2D TELE, DEV DEPTH 7,815[±] INC 6-1/2° TELE, DEV DEPTH 7,847[±] INC 7° TELE. DRLG AHEAD.
- 1-7-81 7,958[±] MADE 103[±] IN ANKAREH FORMATION. MW 9.0. DEV DEPTH 7,876[±] INC 7° TELE, DEV DEPTH 7,909[±] INC 7° TELE, DEV DEPTH 7,958[±] INC 7° TELE.
- 1-8-81 8,004[±] MADE 46[±] IN ANKAREH FORMATION. MW 9.0. PULL WEAR RING. TEST STACK PIPE. INSTALL WEAR RING.
- 1-9-81 8,082[±] MADE 78[±] IN ANKAREH FORMATION. MW 9.0. DEV DEPTH 8,030[±] INC 8D TELE, DEV DEPTH 8,051[±] INC 8° TELE, DEV DEPTH 8,082[±] INC 8° TELE. WORKING TIGHT HOLE & REAMING.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE <u>U-25474</u>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME <u>Thousand Dollar</u>	
9. WELL NO. <u>1-10</u>	
10. FIELD OR WILDCAT NAME <u>Wildcat</u>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 10, T9N, R5E</u>	
12. COUNTY OR PARISH <u>Rich</u>	13. STATE <u>Utah</u>
14. API NO. <u>43-033-30027</u>	
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>7865' G.L., 7893' KB</u>	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 1-10-81 To: 1-16-81



DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE 1-20-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

THOUSAND DOLLAR #1-10 WELL HISTORY

- 1-10-81 8,144[±] MADE 62[±] IN ANKAREH FORMATION. MW 9.0, VIS 43. DEV DEPTH 8,114[±] INC 8° TELE, DEV DEPTH 8,129[±] INC 8° TELE, DEV DEPTH 8,144[±] INC 8° TELE. WORK TIGHT HOLE.
- 1-11-81 8,202[±] MADE 58[±] IN ANKAREH FORMATION. MW 9.1, VIS 54. DEV DEPTH 8,174[±] INC 8° TELE, DEV DEPTH 8,202[±] INC 8° TELE. LOST 200 TO 300 BBLS MUD, REGAIN CIRC, WORK TITE HOLE.
- 1-12-81 8,219[±] MADE 17[±] IN ANKAREH FORMATION. MW 9.0, VIS 44. DEV DEPTH 8,219[±] INC 12° DROPPED. SURV 12°, LAST TELE WAS 8°. RIH W/NEW BIT, RIH TO 7,909[±] & RUN WL SURV 8°. WL SURV @ 8,002[±] 9°.
- 1-13-81 8,249[±] MADE 30[±] IN ANKAREH FORMATION. MW 9.0, VIS 55. DEV DEPTH 8,095[±] INC 10-1/2° WL, DEV DEPTH 8,219[±] INC 12° WL.
- 1-14-81 8,258[±] MADE 9[±] IN ANKAREH FORMATION. MW 9.0, VIS 52. TWISTED OFF WHILE DRLG AHEAD. POH. FISH TOP @ 3,820[±]. PIN BROKE OFF & LEFT IN BOX. PU OVERSHOT & RIH. LATCHED ONTO FISH & POH W/FULL RECOVERY. LD FISHING TOOLS, POH LD 22 JTS, BENT DP. LD TELE. CHECH BHA. RIH BREAKING & DOPING EVERY CONNECTION.
- 1-15-81 8,258[±] MADE 0[±] IN ANKAREH FORMATION. MW 9.0, VIS 55. FIN RIH BREAKING & DOPING EACH CONNECTION, BROKE CIRC TWICE DRUING TRIP. COULD NOT CIRC @ TD. POH. UNPLUGGED JETS, PRESENTLY RIH 2 ROWS OFF BTM.
- 1-16-81 8,300[±] MADE 42[±] IN ANKAREH FORMATION. MW 9.0, VIS 54. DEV DEPTH 8,243[±] INC 13°, DEV DEPTH 8,273[±] INC 12-1/4°. FINISH RIH, BREAK CIRC & REAM 8,223[±]-8,258[±], DRLG W/TORQUE DECREASING.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE
Rich | Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 1-17-81 To: 1-23-81

RECEIVED

FEB 2 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE _____
by [signature]
(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 1-17-81 8,326[±] MADE 26[±] IN ANKAREH FORMATION. DEV DEPTH 8,324[±] INC 12°. DRILL TO 8,326[±], POH, CHANGE BIT, TIH, REAM 8,300[±]-8,326[±].
- 1-18-81 8,374[±] MADE 48[±] IN ANKAREH FORMATION. DEV DEPTH 8,352[±] INC 12°. DRILL TO 8,374-SLOW, ROP (1-2 MPF).
- 1-19-81 8,409[±] MADE 35[±] IN ANKAREH FORMATION. DEV DEPTH 8,383[±] INC 12° WL. DRLD TO 8,383[±] SURV. DRLD TO 8,409[±].
- 1-20-81 8,485[±] MADE 76[±] IN ANKAREH FORMATION. DEV DEPTH 8,400[±] INC 11° WL, DEV DEPTH 8,445[±] INC 10-1/2° WL, DEV DEPTH 8,476[±] INC 11-1/2° WL. DRLD & SURV 8,409[±]-8,484[±], NO PROBLEMS.
- 1-21-81 8,531[±] MADE 46[±] IN ANKAREH FORMATION. DEV DEPTH 8,508[±] INC 11-1/2°. DRLG W/NO PROBLEMS.
- 1-22-81 8,592[±] MADE 61[±] IN ANKAREH FORMATION. DEV DEPTH 8,539[±] INC 11°, DEV DEPTH 8,570[±] INC 10-1/2D. DRLD 8,531[±]-8,550[±]. REAMED TIGHT SPOT. DRLD 8,550[±]-8,592[±], NO PROBLEMS.
- 1-23-81 8,632[±] MADE 40[±] IN ANKAREH FORMATION. DEV DEPTH 8,601[±] INC 10-1/2°, DEV DEPTH 8,632[±] INC 10°. DRLD 8,592[±]-8,602[±]. TRIP F/NEW BIT #36. RIH. REAMED TO BTM, DRLD 8,602[±]-8,632[±]. NO PROBLEMS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE
Rich | Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 1-31-81 To: 2-6-81

RECEIVED
OIL GAS DIVISION

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E Krugh TITLE Drilling Superintendent DATE 2-11-81
by J. S. ...

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

1-31-81	9,164 [±]	MADE 87 [±] IN ANKAREH FORMATION. OK.	TORQUE SMOOTHING OUT A LITTLE, CHECK BOP;S
2-1-81	9,223 [±]	MADE 59 [±] IN ANKAREH FORMATION.	MW 9.0, VIS 58. TORQUE GETTING HIGH.
2-2-81	9,317 [±]	MADE 94 [±] IN THAYNES FORMATION. NO PROBLEMS.	MW 9.0, VIS 53. DRLD & SURV 9,223 [±] -9,317 [±] ,
2-3-81	9,408 [±]	MADE 91 [±] IN ANKAREH FORMATION. ANKAREH.	MW 9.0, VIS 50. NO PROBLEMS. STILL IN
2-4-81	9,481 [±]	MADE 73 [±] IN ANKAREH FORMATION. KELLEY DOWN EVERY 15 [±] DRLD.	MW 9.0, VIS 59. NO PROBLEMS. REAMING
2-5-81	9,560 [±]	MADE 79 [±] IN ANKAREH FORMATION.	MW 9.1, VIS 60. NO PROBLEMS.
2-6-811	9,631 [±]	MADE 71 [±] IN ANKAREH FORMATION.	MW 9.0, VIS 61. DRLG.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<u>Please see below</u>		

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 1-24-81 To: 1-30-81

RECEIVED

FEB 2 8 1981

DIVISION OF OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mike E. Krugh TITLE Drilling Superintendent DATE 2-9-81

(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

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well
2. NAME OF OPERATOR
Marathon Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

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

(other) Please see below

5. LEASE
U-25474
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Thousand Dollar
9. WELL NO.
1-10
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E
12. COUNTY OR PARISH 13. STATE
Rich Utah
14. API NO.
43-033-30027
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 2-7-81 To: 2-13-81

RECEIVED
FEB 15 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED ME Kingh TITLE Drilling Superintendent DATE 2-20-81

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 2-7-81 9,635[±] MADE 4[±] IN ANKAREH FORMATION. MW 9.0, VIS 62. PMP PRESS 2,350, GPM 422. REMARKS: REAMING. RPM 54, WT ON BIT 64,000#. DEV DEPTH 9,635[±] INC 5°. TOTAL BHA 753.04[±]. POH TO LOG: LOGGER GOT TO 8,138[±], RIG DOWN LOGGERS & RIH TO 8,057[±], REAM 8,057[±]-8,136[±] @ 6:00 AM.
- 2-8-81 9,635[±] MADE 0[±] IN ANKAREH FORMATION. MW 9.0, VIS 60. PMP PRESS 2,350, GPM 422, ANNULAR VELOCITY 149/79. REMARKS: REAMING. RPM 54, WT ON BIT 5-10,000#. TOTAL BHA 753.04[±]. REAMING @ 8,136[±]-8,260[±]. AT 8,560[±] TRIP IN TO 9,570[±] UNPLUG 2 JETS & REAM 9,570[±]-9,600[±]. CIRC TO LOG @ 9,600[±]. NO TRIP GAS. BGG: TRACE.
- 2-9-81 9,635[±] MADE 0 IN ANKAREH FORMATION. MW 9.3, VIS 60. REMARKS: REAMING IN. TOTAL BHA 753.04[±]. SCHL RAN DIL-SONIC-GR & FDC-CNL-GR F/LOGGERS TL @ 9,645[±] TO 13-3/8" CSG @ 4,616[±]. RAN HDT-DIL-DR. PRESENTLY RU TO RUN DIPMETER. BHT 116°.
- 2-10-81 9,635[±] MADE 0[±] IN ANKAREH FORMATION. MW 9.0, VIS 53. PMP PRESS 2,000, GPM 422, ANNULAR VELOCITY 149/79. REMARKS: REAMING. RPM 54, WT ON BIT 5,000#. TOTAL BHA 778.66[±]. SCHL RAN DIRECTIONAL & FRACTURE IDENTIFICATION LOGS. BH 123°. BTM HOLE LOCATION IS 51.3[±]N & 481.6[±]E OF 13-3/8" CSG SHOE @ 4,617[±], TVD IS 9,604.5[±]. REAMED 7,350[±]-7,460[±], RIH. REAMED 7,938[±]-7,960[±]. PRESENTLY REAMING @ 7,960[±], OK. BGG: TRACE.
- 2-11-81 9,635[±] MADE 0[±] IN ANKAREH FORMATION. MW 9.0, VIS 54. PMP PRESS 2,000, GPM 422, ANNULAR VELOCITY 149/79. REMARKS: REAMING. RPM 54, WT ON BIT 5,000#. TOTAL BHA 778.66[±]. REAMED 7,960[±]-8,021[±]. RIH W/3 STDS, OK. REAMED 8,392[±]-8,482[±], RIH W/2 STDS. L/D 2 JTS. REAMED 8,705[±]-8,736[±], HOLE OK PRESENTLY REAMING @ 8,736[±].
- 2-12-81 9,645[±] MADE 10[±] IN ANKAREH FORMATION. MW 9.1, VIS 49. PMP PRESS 2,200, GPM 422, ANNULAR VELOCITY 144/79. BIT NO 40, JETS 12/12/12, DRLG. RPM 54, TOTAL BHA 778.66[±]. REAMED 8,675[±]-8,900[±]. RIH 5 STDS. REAMED 9,420[±]-9,635[±]. DRLD 9,635[±]-9,645[±], NO PROBLEMS. BGG: TR, NO SHOWS.
- 2-13-81 9,745[±] MADE 100[±] IN ANKAREH FORMATION. MW 9.0, VIS 56. PMP PRESS 2,200, GPM 422, ANNULAR VELOCITY 149/79. REMARKS: DRLG. RPM 54, WT ON BIT 60,000#. DEV DEPTH 9,686[±] INC 4° WL. TOTAL BHA 778.66[±]. DRLD 9,645[±]-9,745[±], NO PROBLEMS. BGG: TRACE, NO SHOWS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<u>Please see below</u>		

5. LEASE <u>U-25474</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME <u>Thousand Dollar</u>
9. WELL NO. <u>1-10</u>
10. FIELD OR WILDCAT NAME <u>Wildcat</u>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 10, T9N, R5E</u>
12. COUNTY OR PARISH 13. STATE <u>Rich Utah</u>
14. API NO. <u>43-033-30027</u>
15. ELEVATIONS (SHOW DF, KDB, AND WD) <u>7865' G.L., 7893' KB</u>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)

PROGRESS REPORT

See Attachments

From: 2-14-81 To: 2-20-81

RECEIVED
MAR 10 1981

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ed Little TITLE Drilling Superintendent DATE 3-10-81

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 2-14-81 9,809[±] MW 9.0, VIS 55. PMP PRESS 2,200, GPM 422. DEV DEPTH 9,750[±] INC 5°, DEV DEPTH 9,781[±] INC 3-1/2°. TOTAL BHA 778.66[±]. DRLD 9,745[±]-9,809[±], NO PROBLEMS.
- 2-15-81 9,871[±] MW 9.1, VIS 53. PMP PRESS 2,200, GPM 422. DEV DEPTH 9,812[±] INC 3-3/4D, DEV DEPTH 9,843[±] INC 4°. TOTAL BHA 778.66[±]. DRLD 9,809[±]-9,871[±], NO PROBLEMS. PRESENTLY DRLG AHEAD.
- 2-16-81 9,914[±] MW 9.1, VIS 53. PMP PRESS 2,200, GPM 422. DEV DEPTH 9,874[±] INC 4°, DEV DEPTH 9,903[±] INC 4°. TOTAL BHA 778.66[±]. DRLD 9,871[±]-9,914[±], NO PROBLEMS.
- 2-17-81 9,940[±] MW 9.1, VIS 53. PMP PRESS 2,200, GPM 422. TOTAL BHA 783.63[±]. DRLD 9,914[±]-9,915[±], POH. TEST BOPE, BLIND & PIPE RAMS, MANIFOLD & VALVES TO 5,00 PSI, ANNULAR TO 2,500 PSI. RIH. HOLE GOOD. REAM 90[±] TO BTM. DRLD 9,915[±]-9,940[±], NO PROBLEMS.
- 2-18-81 9,984[±] MW 9.2, VIS 55. PMP PRESS 2,200, GPM 422. DEV DEPTH 9,955[±] INC 3-1/2°. TOTAL BHA 783.63[±]. DRLG AHEADSLOW, W/NO PROBLEMS.
- 2-19-81 10,038[±] MW 9.0, VIS 52. PMP PRESS 2,200, GPM 422. DEV DEPTH 9,986[±] INC 3-1/2° TELE, DEV DEPTH 10,002[±] INC 3-1/2 ° TELE, DEV DEPTH 10,016[±] INC 3-102° TELE. TOTAL BHA 783.63[±]. DRLD 9,984[±]-10,038[±], NO PROBLEMS.
- 2-20-81 10,065[±] MW 9.0, VIS 53. PMP PRESS 2,200, GPM 422. DEV DEPTH 10,039[±] INC 3-3/4° DROP, DEV DEPTH 10,048[±] INC 3-1/2° TELE. TOTAL BHA 783.63[±]. DRLD 10,039[±]. POH F/NEW BIT. RIH, REAMED 50[±] TO BMT. DRLD 10,039[±]-10,065[±], NO PROBLEMS.

RECEIVED

MAR 1 1981

DIVISION OF
OIL, GAS & MINING

FLUID SAMPLE DATA		Date	3-7-81	Ticket Number	917618
Sampler Pressure _____ P.S.I.G. at Surface		Kind of D.S.T.	OPEN HOLE	Halliburton Location	ROCK SPRINGS
Recovery: Cu. Ft. Gas _____		Tester	WILLIAM R. LEGER	Witness	RAY ROSENTHAL
cc. Oil _____		Drilling Contractor	LORD #3		DR
cc. Water _____		EQUIPMENT & HOLE DATA			
cc. Mud 1700 CC 9000 PPM		Formation Tested	Mugget		
Tot. Liquid cc. _____		Elevation	7865'		Ft.
Gravity _____ ° API @ _____ ° F.		Net Productive Interval	3'		Ft.
Gas/Oil Ratio _____ cu. ft./bbl.		All Depths Measured From	Kelly Bushing		
	RESISTIVITY	CHLORIDE CONTENT			
Top water	11.7 @ 73 °F.	400 ppm	Total Depth	10683'	Ft.
Recovery Water	22.6 @ 76 °F.	175 ppm	Main Hole/Casing Size	12 1/4"	
Middle water	.50 @ 75 °F.	11,000 ppm	Drill Collar Length	366' I.D. 2.75"	
Recovery Mud	1.80 @ 84 °F.	2600 ppm	Drill Pipe Length	10238' I.D. 3.826"	
Bottom mud	1.2 @ 100 °F.	4000 ppm	Packer Depth(s)	10632-10640'	Ft.
Recovery Mud Filtrate			Depth Tester Valve	10616'	Ft.
Mud Pit Sample					
Mud Pit Sample Filtrate					
Mud Weight	9#/gal.	vis 60 sec.			

TYPE	AMOUNT	Depth Back	Surface	Bottom
Cushion	1000' Water	Ft. Pres. Valve	1/4" hose	Choke .75"
Recovered	1000	Feet of water cushion		
Recovered	95	Feet of mud		
Recovered		Feet of		
Recovered		Feet of		
Recovered		Feet of		
Remarks	See production test data sheet			

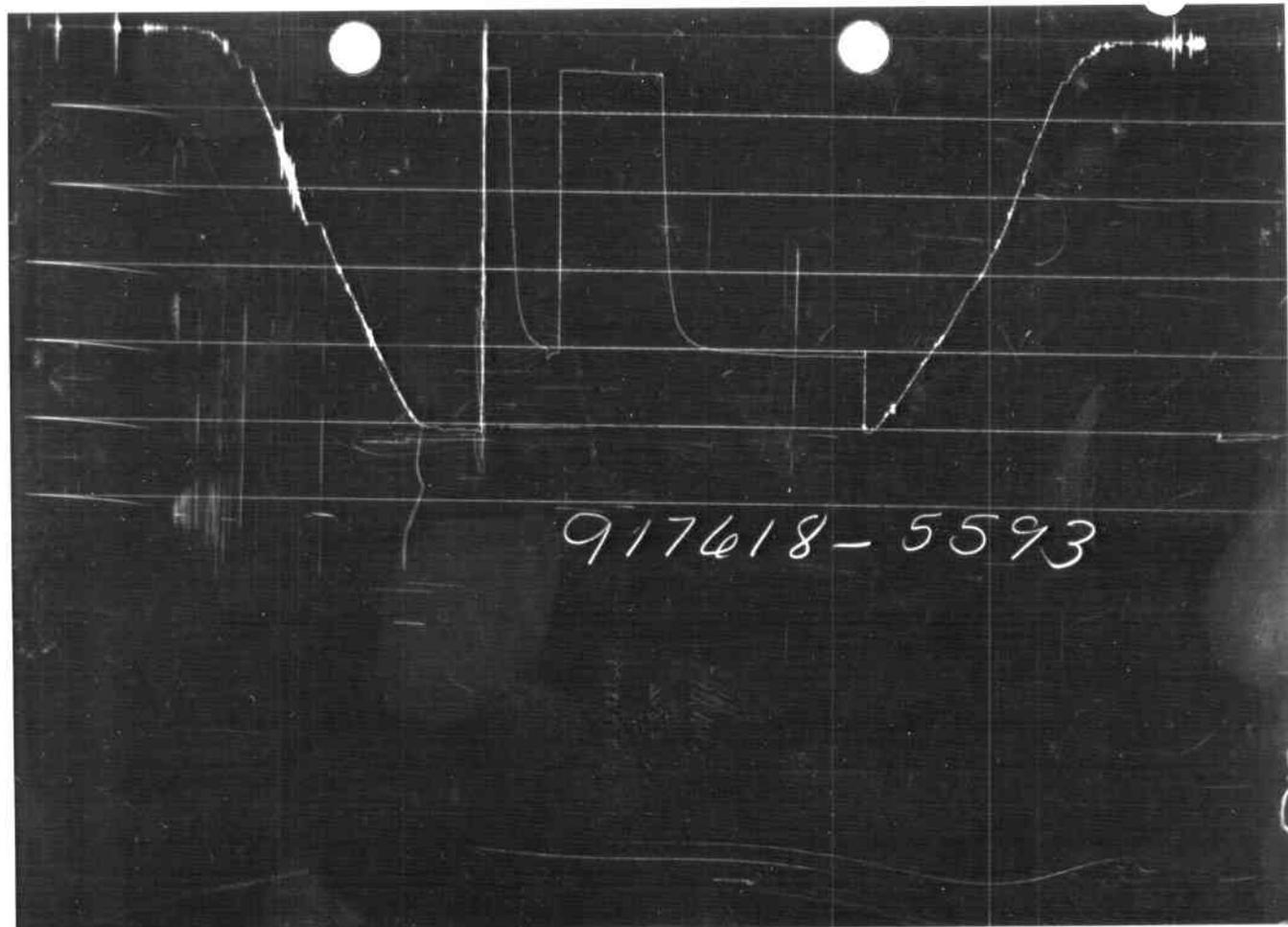
RECEIVED
MAR 20 1981

DIVISION OF
OIL, GAS & MINING

TEMPERATURE	Gauge No. 5593		Gauge No. 5592		Gauge No.		TIME (00:00-24:00 hrs.)	
	Depth:	10617 Ft.	Depth:	10679 Ft.	Depth:	Ft.	Hour Clock	Tool
Est. °F.	24 Hour Clock		24 Hour Clock		Blanked Off		Blanked Off	Opened 0614
Actual 135 °F.	Blanked Off NO		Blanked Off YES		Blanked Off		Blanked Off	Opened 1344
	Pressures		Pressures		Pressures		Reported	Computed
	Field	Office	Field	Office	Field	Office	Minutes	Minutes
Initial Hydrostatic	5083	5096.6	5117	5117.0				
First Period	Flow Initial	435	461.5	464	476.8			
	Flow Final	435	461.5	464	483.4		30	29
	Closed in	4053	4083.0	4114	4096.9		60	59
Second Period	Flow Initial	435	481.6	497	500.0			
	Flow Final	468	501.6	530	533.1		119	120
	Closed in	4053	4089.7	4147	4113.7		241	241
Third Period	Flow Initial							
	Flow Final							
	Closed in							
Final Hydrostatic	5050	5069.9	5084	5093.6				

Legal Location: Sec - Twp - Rng. 10-9N-5E
 Lease Name: THOUSAND DOLLAR
 Well No.: 1-10
 Test No.: 2
 Tested Interval: 10640-10683'
 County: WILDCAT
 State: RICH
 Lease Owner/Company Name: MARATHON OIL COMPANY

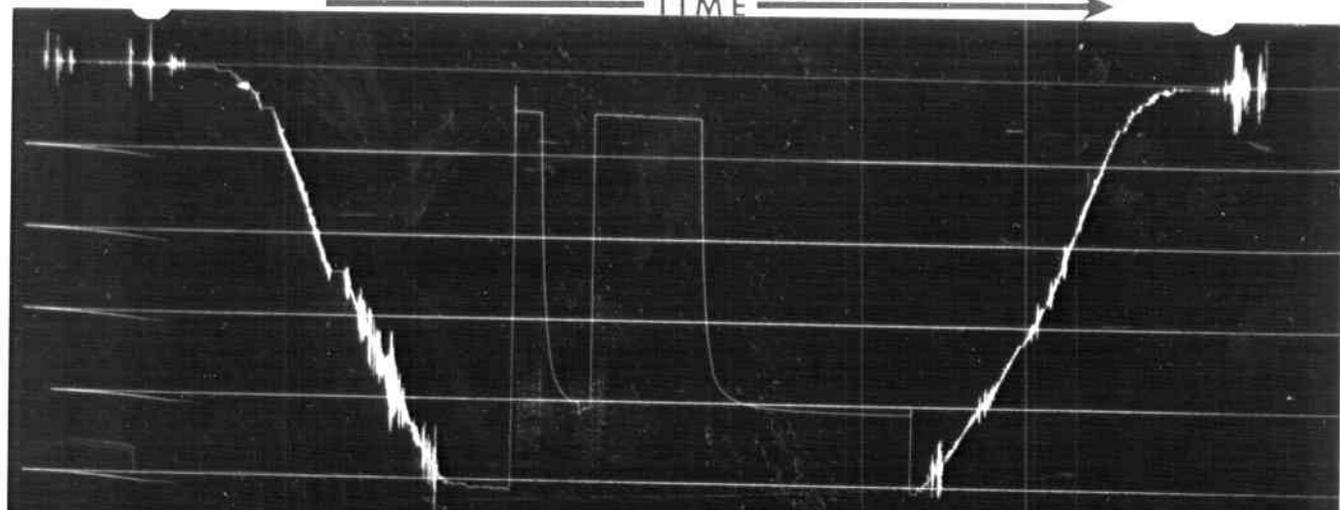
RESSURE



TIME

PRESSUR
↓

TIME →



91.7618-5592

Gauge No. 5593			Depth 10617'				Clock No. 16975			24 hour		Ticket No. 917618			
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	461.5	.000		461.5	.000	481.6	.000		501.6					
1	.096	461.5	.0067*		1539.7	.0655	474.9	.0566**		3529.9					
2			.0234		2732.6	.1310	478.2	.1099		3883.3					
3			.0401		3406.6	.1965	494.9	.1633		3986.6					
4			.0568		3659.9	.2620	501.6	.2166		4023.2					
5			.0735		3816.6	.3275	501.6	.2699		4039.8					
6			.0902		3903.3	.3930	501.6	.3232		4049.8					
7			.1069		3956.6			.3765		4063.1					
8			.1236		3993.3			.4298		4073.0					
9			.1403		4016.6			.4831		4086.3					
10			.1570		4033.2			.5364		4089.7					
11			.203		4083.0			.5898		4089.7					
12								.6431		4089.7					
13								.6964		4089.7					
14								.7497		4089.7					
15								.8030		4089.7					

Gauge No. 5592			Depth 10679'				Clock No. 9654			hour 24		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.000	476.8	.000		483.4	.000	500.0	.000		533.1		
1	.098	483.4	.0066*		1605.9	.0667	500.0	.0566**		3573.3		
2			.0231		2831.1	.1333	506.6	.1098		3903.3		
3			.0396		3383.3	.2000	513.2	.1631		3999.9		
4			.0561		3679.9	.2667	519.8	.2163		4040.1		
5			.0726		3823.3	.3334	526.4	.2695		4063.5		
6			.0890		3909.9	.4000	533.1	.3228		4076.9		
7			.1055		3966.6			.3760		4086.9		
8			.1220		4003.3			.4293		4093.6		
9			.1385		4030.1			.4826		4100.3		
10			.1550		4046.8			.5358		4103.6		
11			.1980		4096.9			.5890		4107.0		
12								.6423		4110.3		
13								.6955		4113.7		
14								.7488		4113.7		
15								.8020		4113.7		
Reading Interval		5			20		16			Minutes		

REMARKS: *-2 minute interval.....Only 47 minutes segmented **-17 minutes



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	4.5"	3.826 "	10238'	
Drill Collars	9"	2.75"	270'	
Reversing Sub	7.625"	2.875"	1'	
Water Cushion Valve	8.875"	3.562"	1.83' X over	
Drill Pipe	9"	2.812"	1.41' X over	
Drill Collars	9"	2.75"	96'	
Handling Sub & Choke Assembly	8.875"	3.562"	1.33' X over sub	
Dual CIP Valve	5"	.75"	6.75'	10611'
Dual CIP Sampler	5"	.75"	5'	10616'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4.1'	10617'
Hydraulic Jar	5.03"	1.75"	5'	
VR Safety Joint	5"	1"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	1.25"	1.53"	5.81'	10632'
Distributor	5"	1.68"	2'	
Packer Assembly	11.25" 5.75"	1.53 " 2.5"	5.81' 1.2' X over sub	10640'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.44"	35'	
Blanked-Off B.T. Running Case	5"	2.44"	4.55'	10679'
Total Depth				10683'

THOUSAND DOLLAR
 1-10
 Well No.
 3
 Test No.
 11425' to 11470'
 Tested Interval
 MARATHON OIL COMPANY
 Lease Owner/Company Name

Legal Location Sec. - Twp. - Rng. 10 9N 5E
 Field Area WILDCAT
 County RICH
 State UTAH

FLUID SAMPLE D		Date 3-27-81	Ticket Number 845029
Sampler Pressure _____ P.S.I.G. at Surface		Kind of D.S.T. OPEN HOLE	Halliburton Location ROCK SPRINGS
Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water 1800 Saltwater cc. Mud _____ Tot. Liquid cc. _____		Tester MR. RIDER	Witness MR. ROSENTHAL
Gravity _____ ° API @ _____ °F.		Drilling Contractor LORD DRILLING COMPANY bj	
Gas/Oil Ratio _____ cu. ft./bbl.		EQUIPMENT & HOLE DATA	
RESISTIVITY _____ CHLORIDE CONTENT _____		Formation Tested Nugget	
Recovery Water _____ @ _____ °F. _____ ppm		Elevation _____ Ft.	
Recovery Mud _____ @ _____ °F. _____ ppm		Net Productive Interval 45' Ft.	
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm		All Depths Measured From Kelly Bushing	
Mud Pit Sample 1.34 @ 68 °F. 4,800 ppm		Total Depth 11470' Ft.	
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm		Main Hole/Casing Size ?	
Mud Weight _____ vis _____ sec.		Drill Collar Length 372' I.D. 3.00"	
		Drill Pipe Length 11012' I.D. 3.826"	
		Packer Depth(s) 11416' 11425' ft.	
		Depth Tester Valve 11399' Ft.	

Cushion	TYPE 10000	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bubble Hose	Bottom Choke .75"
---------	------------	--------	------------------------	---------------	-------------	-------------------

Recovered	1000	Feet of	fresh water, cushion
Recovered	3245	Feet of	mud cut saltwater
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	

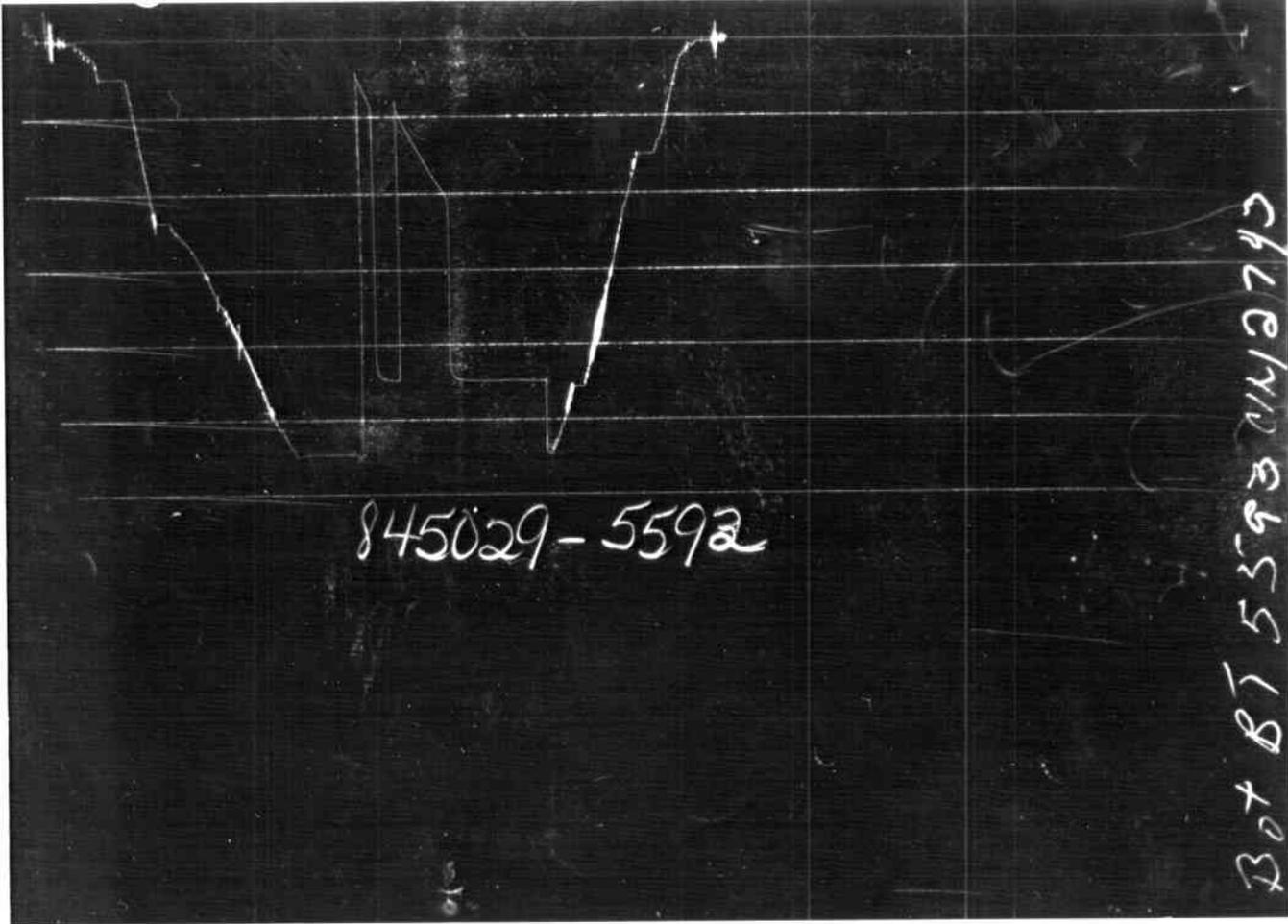
Remarks	SEE PRODUCTION TEST DATA SHEET....TOP	20.5 @ 68 degrees-180 PPM
	MIDDLE	.25 @ 68 degrees 27,000 PPM
	BOTTOM	.14 @ 68 degrees 50,000 PPM
	SAMPLER	.12 @ 68 degrees 60,000 PPM
	MUD PIT	1.34 @ 68 degrees 4800 PPM

TEMPERATURE	Gauge No. 5592		Gauge No. 5593		Gauge No.		TIME (00:00-24:00 hrs.)	
	Depth:	11401' Ft.	Depth:	11466' Ft.	Depth:	Ft.	Hour Clock	Tool
Est. °F.	48 Hour Clock		48 Hour Clock		Hour Clock		Tool	
	Blanked Off NO		Blanked Off YES		Blanked Off		Opened 0747	
Actual 150 °F.	Pressures		Pressures		Pressures		Bypass 1517	
	Field	Office	Field	Office	Field	Office	Reported	Computed
Initial Hydrostatic	5384	5418.0	5450	5453.3			Minutes	Minutes
First Period	Flow Initial	397	430.4	401	498.3			
	Flow Final	861	844.3	869	876.2		30	32
	Closed in	4448	4441.4	4485	4471.7		60	61
Second Period	Flow Initial	728	880.8	803	913.0			
	Flow Final	2053	2046.3	2063	2069.3		120	122
	Closed in	4448	4444.8	4485	4481.7		240	235
Third Period	Flow Initial							
	Flow Final							
	Closed in							
Final Hydrostatic	5384	5418.0	5450	5453.3				

PRESSUR



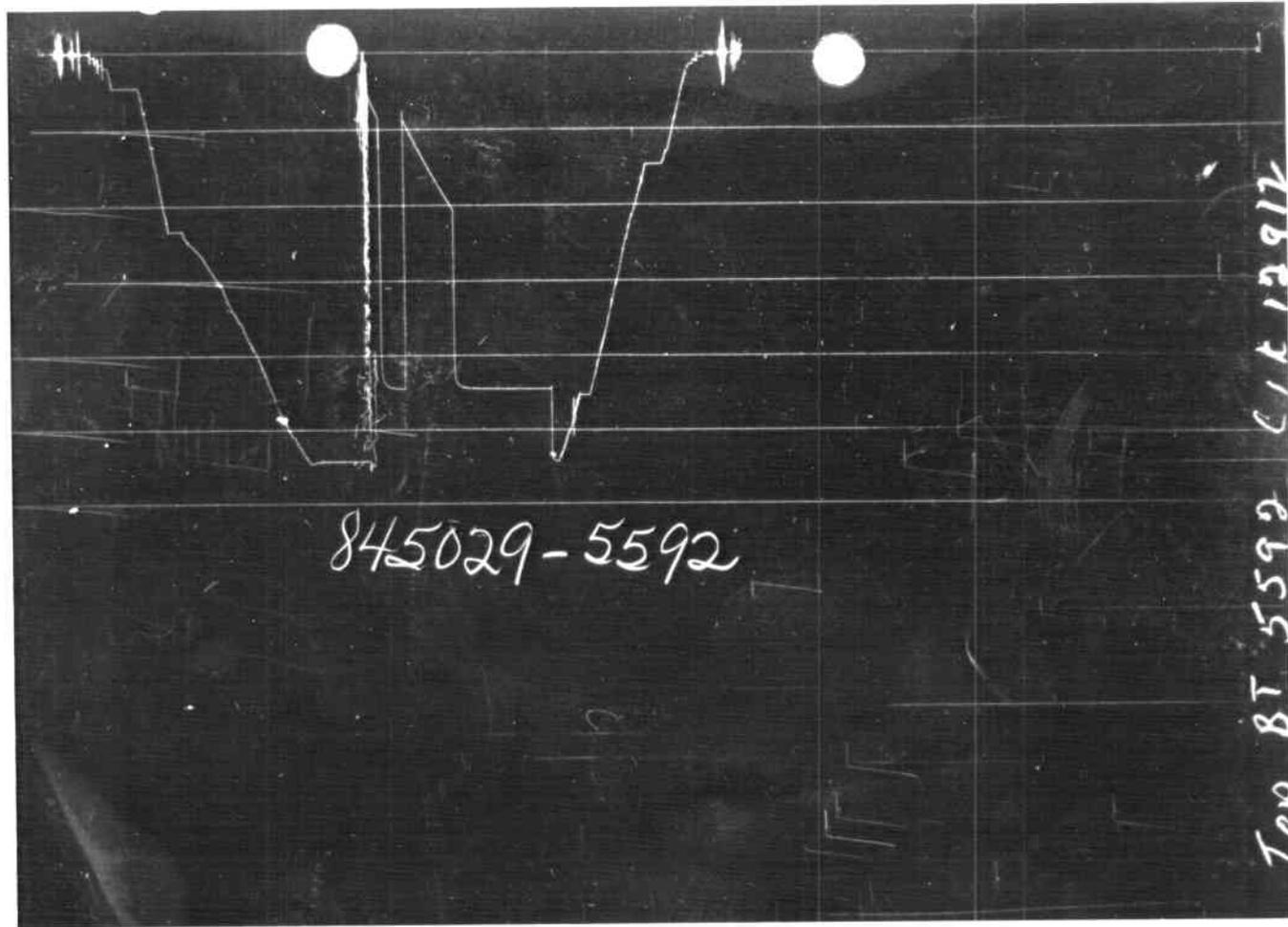
TIME



845029-5592

Bot BT 5593 01/12/93

PRESSURE



845029-5592

Tap BT 5592 C/A 13912

TIME

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 845029
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date	Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
3-27-81	1830					On location.
	1900					Picked up tools.
	2030					Ran drill pipe.
	2130					Ran water cushion.
3-28-81						
	0700					Rigged surface equipment.
	0744					On bottom.
	0747					Opened tool with a very weak blow.
	0802					Bubble 8" deep in bucket.
	0817					Closed tool with no pressure.
	0917					Reopened tool with no blow.
	0923					Very weak bubble to surface.
	0935					Bubble to bottom of bucket.
	1017					2# PSI.
	1027					2.5# pressure.
	1047					"
	1102					3# pressure.
	1117					Closed tool with 3# PSI. NO gas to surface.
	1517					Opened bypass and pulled tools.
	2200					Tools on bank.

Gauge No. 5592			Depth 11401'				Clock No. 12912			48 hour		Ticket No. 845029			
First Flow Period		First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	430.4	.0000		844.3	.0000	880.8	.0000		2046.3					
1	.0118*	526.4	.0083**		4210.7	.0355***	1112.5	.0185****		4377.9					
2	.0202	599.3	.0149		4324.4	.0678	1314.5	.0455		4424.7					
3	.0287	662.2	.0215		4371.2	.1001	1513.2	.0725		4434.7					
4	.0371	725.1	.0281		4394.6	.1324	1701.9	.0994		4438.1					
5	.0455	784.7	.0348		4408.0	.1647	1877.4	.1264		4438.1					
6	.0540	844.3	.0414		4418.0	.1970	2046.3	.1533		4438.1					
7			.0480		4424.7			.1803		4441.4					
8			.0546		4431.4			.2073		4444.8					
9			.0612		4431.4			.2324		4441.4					
10			.0679		4434.7			.2612		4441.4					
11			.0745		4434.7			.2881		4441.4					
12			.0811		4438.1			.3151		4441.4					
13			.0877		4438.1			.3421		4441.4					
14			.0943		4441.4			.3690		4444.8					
15			.1010		4441.4			.3960		4444.8					

Gauge No. 5593			Depth 11466'				Clock No. 12743			48 hour		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.0000	498.3	.0000		876.2	.0000	913.0	.0000		2069.3		
1	.0116*	555.1	.0084**		4255.8	.0364***	1155.6	.0183****		4408.6		
2	.0199	618.7	.0150		4362.1	.0695	1354.3	.0448		4455.1		
3	.0282	682.2	.0217		4408.6	.1026	1543.0	.0714		4468.4		
4	.0364	742.4	.0284		4428.5	.1358	1728.4	.0979		4471.7		
5	.0447	802.6	.0351		4441.8	.1689	1903.9	.1245		4475.0		
6	.0530	876.2	.0418		4451.8	.2020	2069.3	.1510		4475.0		
7			.0484		4458.4			.1776		4475.0		
8			.0551		4461.7			.2041		4475.0		
9			.0618		4465.1			.2307		4471.7		
10			.0685		4468.4			.2572		4471.7		
11			.0752		4468.4			.2838		4471.7		
12			.0818		4471.7			.3103		4471.7		
13			.0885		4471.7			.3369		4475.0		
14			.0952		4471.7			.3634		4478.4		
15			.1020		4471.7			.3900		4481.7		

Reading Interval 5 4 20 16 Minutes

REMARKS: * INTERVAL = 7 MINUTES ** INTERVAL = 5 MINUTES *** INTERVAL = 22 MINUTES **** INTERVAL = 11 MINUTES

52

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	4.50"	3.826"	11012'	
Drill Collars	9.00"	3.00"	280'	
Reversing Sub	7 5/8"	2 3/4"	1.00'	
Water Cushion Valve	8 3/4"	3.50"	1.40'	
Drill Pipe	8 3/4"	3.50"	1.30'	
Drill Collars	9.00"	3.00"	92'	
Handling Sub & Choke Assembly	SUB-8 7/8"	2 3/4"	1.40'	
Dual CIP Valve	6 3/4"	2 3/4"	1.00'	
Dual CIP Sampler	5.00"	.75"	5.00'	11393'
Hydro-Spring Tester	5.00"	.75"	5.00'	11399'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5.00"	3.06"	4.10'	11401'
Hydraulic Jar	5.03"	1.75"	5.00'	
VR Safety Joint	5.00"	1.00"	2.78'	
Pressure Equalizing Crossover				
Packer Assembly	11.25"	1.68"	5.8'	11416'
Distributor	5.00"	1.68"	2.00'	
Packer Assembly	11.25"	1.68"	5.8'	11425'
Flush Joint Anchor	5 3/4"	2 1/2"	1.2'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5.00"	3.00"	38'	
Blanked-Off B.T. Running Case	5.00"	3.00"	4.52'	11466'
Total Depth				11470'



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Please see below</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 2-21-81 To: 3-30-81

RECEIVED

MAR 30 1981

**DIVISION OF
OIL, GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Mike Kuegh/H.S. TITLE Drilling Superintendent DATE 3-27-81

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 2-21-81 10,095[±] MADE 30[±] IN ANKAREH FORMATION. TIH, REAM 75[±] TO BTM, DRLD 10,088[±]-10,095[±], NO PROBLEMS.
- 2-22-81 10,166[±] MADE 71[±] IN ANKAREH FORMATION. SHORT TRIP TO PASS TOOL JOINT, LAY DOWN 1 JT, REAM TIGHT HOLE @ 10,142[±], CURRENTLY DRLG W/NO PROBLEMS.
- 2-23-81 10,226[±] MADE 60[±] IN ANKAREH FORMATION. PRESENTLY DRLG AHEAD NO PROBLEMS.
- 2-24-81 10,251[±] MADE 25[±] IN ANKAREH FORMATION. TRIP F/NEW BIT #44, W/R 100[±] TO BTM, WORK HIGH TORQUE & TIGHT SPOTS, DRLD TO 10,251[±], NO PROBLEMS.
- 2-25-81 10,346[±] MADE 95[±] IN ANKAREH FORMATION. DRLD 10,251[±]-10,346[±], NO PROBLEMS.
- 2-26-81 10,367[±] MADE 21[±] IN ANKAREH FORMATION. POH F/NEW BIT #45. RIH, REAMED 10,268[±]-10,328[±], OK.
- 2-27-81 10,400[±] MADE 33[±] IN ANKAREH FORMATION. REAM TO BTM 10-328[±]-10,367[±]. DRLG AHEAD TO 10,400[±], HIGH TORQUE. WORKED TORQUE. POH.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 2-28-81 10,400¹ MADE 0' IN NUGGET FORMATION. POH. LD 3 PT RMR & PU IBS. LD 2 JTS HEDP & 75 JTS GRADE E DP, WORN HARDBAND. RIH.
- 3-1-81 10,404¹ MADE 4¹ IN NUGGET FORMATION. DRLD AHEAD.
- 3-2-81 10,462¹ MADE 58¹ IN NUGGET FORMATION. DRLG AHEAD, NO PROBLEMS.
- 3-3-81 10,542¹ MADE 80¹ IN NUGGET FORMATION.
- 3-4-81 10,646¹ MADE 104¹ IN NUGGET FORMATION. DRLD 10,542¹-10,646¹, NO PROBLEMS.
- 3-5-81 10,662¹ MADE 16¹ IN NUGGET FORMATION. POH F/NEW BIT #48, RIH. LD 3 JTS E & 1 JT HWDP F/HARD BANDING, PRESENTLY REAMING TO BTM.
- 3-6-81 10,683¹ MADE 21¹ IN NUGGET FORMATION. REMARKS: CIRC F/DST #2.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 3-7-81 10,683[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 54. 10,683[±] INC 5-3/4°. OPPEd. UP DST TOOLS & 12 DC[±]S, RIH. PMP 1,000[±] WATER CUSHION. LITH: 1 UNIT OF GAS, 150 PPM C1 ON SHORT TRIP.
- 3-8-81 10,693[±] MADE 10[±] IN NUGGET FORMATION. MW 9.0, VIS 60. ON BTM W/TEST TOOLS, SET BTM PKR ON DST #2 @ 10,640[±]. TEST 10,640[±]-10,683[±]. IF 30 MINS VERY WEAK BLOW. ISI 1 HRS, FF 2 HRS, VERY WEAK BLOW, FSI 4 HRS. POH W/DST #2. RECOVERED 1,000[±] WATER CUSHION & 95[±] OF DRLG MUD. REC[±]D 1,700 CC DRLG MUD IN SAMPLER. IHP 5,083 PSI, IFP 435, ISIP 4,053, FFP 435-468 PSI. FSIP 4,053, FHP 5,050, BHT 135°. DRLG AHEAD W/NO PROBLEMS. LITH: 70% PINK TO ORANGE SS, 30% RED BROWN TO GRAY SHALE. TRACE ANNHYDRITE. BGG: 1 UNIT, TRIP GAS 3 UNITS, 384 PPM C1.
- 3-9-81 10,761[±] MADE 68[±] IN NUGGET FORMATION. MW 9.1, VIS 82. 10,717[±] INC 6°, 10,749[±] INC 6-1/2°. DRLG AHEAD, NO PROBLEMS. LITH: 80% ORANGE SS, 20% SHALE GREEN & BROWN, TRACE ANNHYDRITE. BGG: TRACE, TRIP GAS 1 UNIT 48 PPM C1.
- 3-10-81 10,770[±] MADE 9[±] IN NUGGET FORMATION. MW 9.0, VIS 53. POH. LEFT BIT, SS, TELEDRIFT, 1-9" DC, IBS, 1-9" DC, IBS, 1-9" KC, IBS. BOX TWISTED OFF OF IBS. RIH, LATCH ONTO FISH, POH W/FISH. LITH: 90% ORANGE SS, 8% BROWN SHALE, 2% ANNHYDRITE. BGG: TRACE.
- 3-11-81 10,797[±] MADE 27[±] IN NUGGET FORMATION. MW 9.1, VIS 64. 10,780[±] INC 6° TELE. L/D FISH. FIN POH. CRACKED PIN ON 1 JT HWDP, 1 JT HWDP WASHED FACE ON BOX END. RIH W/NEW BIT. TRIP GAS 20, 190 PPM C1. LITH: SAME.
- 3-12-81 10,906[±] MADE 109[±] IN NUGGET FORMATION. MW 9.1, VIS 55. 10,811[±] 6-1/2°, 10,843[±] INC 6-1/2°, 10,874[±] INC 6°. POH F/HOLE IN PIPE. LITH: 100% ORANGE SS, TRACE SHALE, TRACE ANNHYDRITE. BGG: TR, NO SHOWS.
- 3-13-81 10,959[±] MADE 53[±] IN NUGGET FORMATION. MW 9.1, VIS 67. 10,906[±] INC 5-1/2° TELE, 10,939[±] INC 5-1/2° TELE. DRLG NO PROBLEMS. LITH: 100% SS ORANGE, TRACE SHALE & ANNHYDRITE. BGG: TRACE, TRIP GAS 4 UNITS, 670 PPM C1.

THOUSAND DOLLAR #1-10 WELL HISTORY

- 3-14-81 11,079[±] MADE 120[±] IN NUGGET FORMATION. DRLG AHEAD, NO PROBLEMS.
- 3-15-81 11,131[±] MADE 52[±] IN NUGGET FORMATION. DRLG AHEAD, LOST 150 PSI PMP PRESS. POH. LD BTM DC FOR HOLE IN BOX. RIH.
- 3-16-81 11,171[±] MADE 40[±] IN NUGGET FORMATION. FIN RIH. REAMED 90[±] TO BTM. DRLD TO 11,171[±]. LOST 150 PSI. POH F/HOLE IN PIPE.
- 3-17-81 11,189[±] MADE 18[±] IN NUGGET FORMATION. FIN POH. FOUND SS PACKING WASHED OUT. LD 6 DC[±]S F/HARD BANDING, PU 9 DC[±]S & NEW SS. TRIPPED IN REAMED 150[±] TO BMT. LD 3 JTS E PIPE F/HARD BANDING.
- 3-18-81 11,223[±] MADE 34[±] IN NUGGET FORMATION. REMARKS: RIH. DRLD TO 11,223[±], POH LD 10 JTS GRADE E, DP. RIH, CUT DRL LINE, RIH.
- 3-19-81 11,276[±] MADE 53[±] IN NUGGET FORMATION. FIN RIH. REAMED 11,133[±] TO 11,223[±]. DRLD 11,223[±]-11,276[±].
- 3-20-81 11,332[±] MADE 46[±] IN NUGGET FORMATION. DRLD TO 11,322[±] (46[±]), POH, TEST STACK W/REBEL RENTALS RAMS & MANIFOLD TO 200-5,000 PSI. TEST HYDRIL TO 200-2,500 PSI, CHNAGE WEAR BUSHING. PRESENTLY RIH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH | 13. STATE
Rich | Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 3-21-81 To: 3-27-81

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Hat. O'Leary TITLE Drilling Superintendent DATE 4-1-81

(This space for Federal or State office use)

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

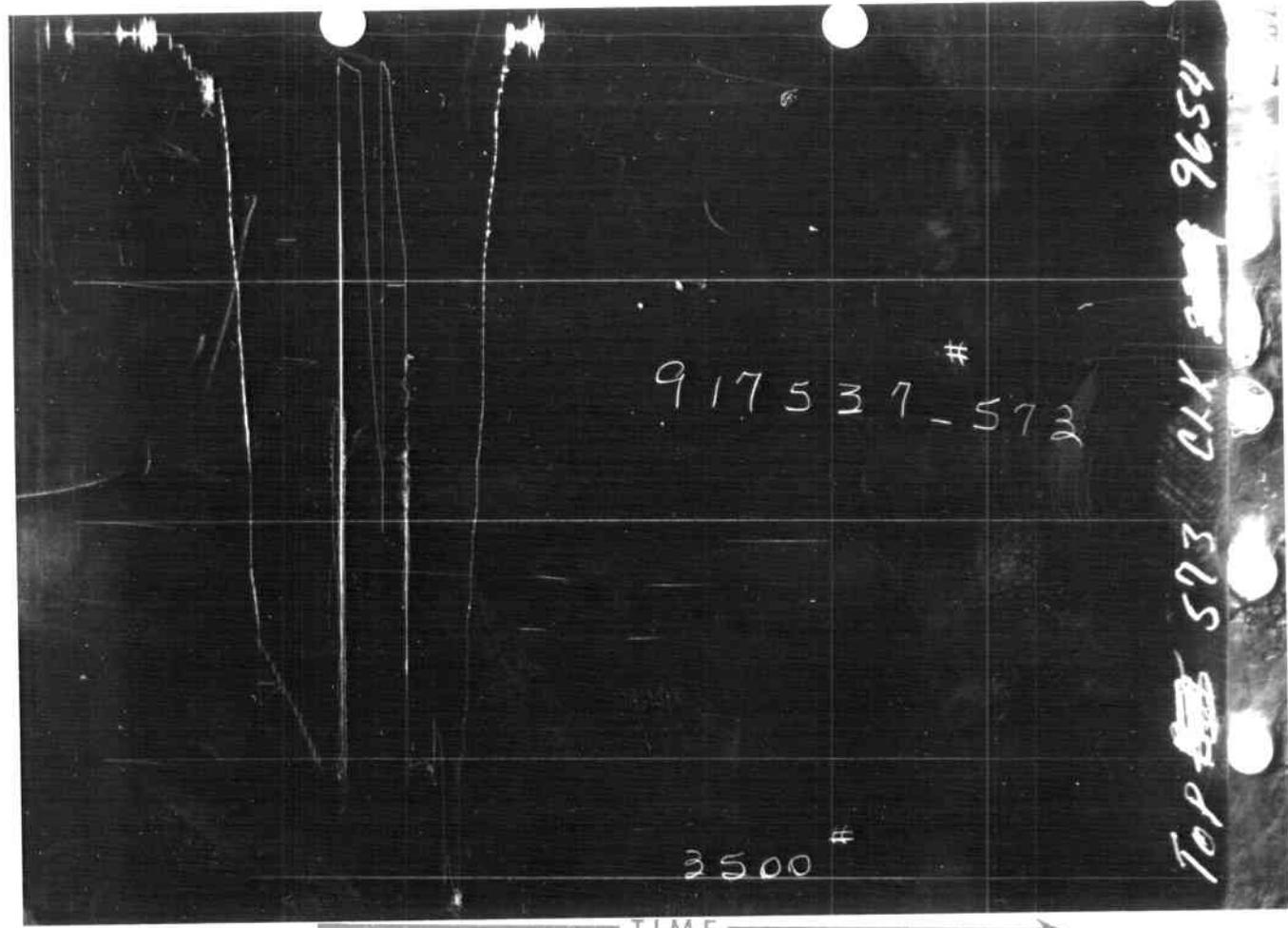
THOUSAND DOLLAR #1-10 WELL HISTORY

- 3-21-81 11,390[±] MADE 68[±] IN NUGGET FORMATION. MW 9.1, VIS 65. DEV DEPTH 11,336[±] INC 8°, DEV DEPTH 11,351[±] INC 9°, DEV DEPTH 11,382[±] INC 8°. FIN RIH, REAM 11,250[±]-11,322[±] (72[±]), DRLD 11,322[±]- 11,390[±]. LITH: 100% TAN SS, TRACE ANHYDRITE.
- 3-22-81 11,432[±] MADE 42[±] IN NUGGET FORMATION. MW 9.1, VIS 62. DEV DEPTH 11,399[±] INC 7-1/2° TELE, DEV DEPTH 11,414[±] INC 8° TELE, DEV DEPTH 11,432[±] INC 8-1/4° DROPPED. BIT LOCKED UP. POH F/BIT #56. LITH: 100% TAN SS, TRACE ANHYDRITE.
- 3-23-81 11,432[±] MADE 0[±] IN NUGGET FORMATION. MW 9.1, VIS 76. FIN RIH. PIPE STUCK @ 11,307[±]. WORKED PIPE & PMPD 25 BUCKETS BANJO & PIPE CAME FREE. LOST 200 PSI PMP PRESS. POH, FOUND WASHED OUT JET, RIH W/BIT #57. LITH: SAME.
- 3-24-81 11,432[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 75. REAM 11,312[±]-11,365. LITH: SAME.
- 3-25-81 11,432[±] MADE 0[±] IN NUGGET FORMATION. MW 9.1, VIS 60. REAMED 11,365[±]-11,426[±]. TAGGED FILL @ 11,422[±]. LITH: SAME.
- 3-26-81 11,442[±] MADE 10[±] IN NUGGET FORMATION. MW 9.1, VIS 60. DEV DEPTH 11,442[±] INC 7-3/4°. REAMED TO BTM @ 11,432[±]. DRLD TO 11,442[±]. BIT TORQUE. POH. CHGD BIT, RIH. LITH: 100% TAN SS.
- 3-27-81 11,470[±] MADE 28[±] IN NUGGET FORMATION. MW 9.0, VIS 60. RIH, REAMED 11,320[±]-11,442[±], DRLG AHEAD, CIRC F/DST. LITH: 95% TAN SS, 5% BROWN SHALE, POSSIBLY CAVINGS.

FLUID SAMPLE DATA				Date	5-3-81	Ticket Number	844913	
Sampler Pressure	20	P.S.I.G. at Surface		Kind of D.S.T.	CASED HOLE	Halliburton Location	ROCK SPRINGS	
Recovery: Cu. Ft. Gas	_____			Tester	MR. SUTTER	Witness	MR. HANSON	
cc. Oil	_____			Drilling Contractor	LORD DRILLING COMPANY		IC	
cc. Water	_____			EQUIPMENT & HOLE DATA				
cc. Mud	1700			Formation Tested	Ankara?			
Tot. Liquid cc.	_____			Elevation	7893'	KB	Ft.	
Gravity _____ ° API @ _____ ° F.	_____			Net Productive Interval	3175' - 3265'		Ft.	
Gas/Oil Ratio _____ cu. ft./bbl.	_____			All Depths Measured From	Kelly Bushing			
RESISTIVITY _____	_____		CHLORIDE CONTENT _____ ppm	Total Depth	4484'		PB Ft.	
Recovery Water _____ @ _____ ° F.	_____		_____ ppm	Main Hole/Casing Size	13 3/8"			
Recovery Mud _____ @ _____ ° F.	_____		_____ ppm	Drill Collar Length	93'	I.D.	2 1/2"	
Recovery Mud Filtrate _____ @ _____ ° F.	_____		_____ ppm	Drill Pipe Length	2932'	I.D.	3.826"	
Mud Pit Sample _____ @ _____ ° F.	_____		_____ ppm	Packer Depth(s)	3035'		Ft.	
Mud Pit Sample Filtrate _____ @ _____ ° F.	_____		_____ ppm	Depth Tester Valve	3025'		Ft.	
Mud Weight _____ 9.0 vis _____ 48 sec.	_____			Surface Choke	1/8"	Bottom Choke	75"	
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve					
Recovered	600	Feet of Mud						
Recovered		Feet of						
Recovered		Feet of						
Recovered		Feet of						
Recovered		Feet of						
Remarks	SEE PRODUCTION TEST DATA SHEET.							
TEMPERATURE				Gauge No. 573	Gauge No. 437	Gauge No.	TIME (00:00-24:00 hrs.)	
Depth: 3027' Ft.				Depth: 3047' Ft.	Depth: _____ Ft.			
24 Hour Clock				24 Hour Clock	Hour Clock	Tool		
Blanked Off NO				Blanked Off YES	Blanked Off	Opened 13:20		
Actual 65 ° F.				Pressures		Pressures		
				Field	Office	Field	Office	
Initial Hydrostatic				1472	1479.9	1492	1494.4	
First Period	Flow	Initial	192	180.7	208	199.8		
	Flow	Final	230	220.7	246	230.8	35 *	
	Closed in		537	513.5	510	522.7	60 *	
Second Period	Flow	Initial	269	237.1	246	257.0		
	Flow	Final	288	283.5	303	295.6	185 *	
	Closed in		671	671.7	690	687.9	720 *	
Third Period	Flow	Initial	*See attached incremental reading sheets.					
	Flow	Final						
Final Hydrostatic				1472	1462.7	1492	1483.3	

Legal Location Sec. - Twp. - Rng. 10 - 9N - 5E
 Lease Name THOUSAND DOLLAR
 Well No. 10-1
 Test No. 4
 Tested Interval 3035' - 4484'
 County RICH
 State UTAH
 Lease Owner/Company Name MARATHON OIL COMPANY

PRESSURE



TIME

PRESSUR



TIME



917537-437

3500*

BOT ~~437~~ 437 CLK ~~917537~~ 2219

MARATHON OIL COMPANY
 Lease Owner/Company Name

844913
 Ticket Number PAGE #1

B.T. 573

B.T. 437

B.T.

Depth 3027'-24 Hr.

Depth 3047'-24 Hr.

Depth

Time Minutes	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Minutes	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
First Flow...			First Flow...					
0		180.7	0		199.8			
5		193.0	5		203.0			
10		201.3	10		211.6			
15		207.4	15		216.8			
20		211.3	20		220.8			
25		215.3	25		223.5			
30		218.0	30		227.3			
33.5		220.7	33.6		230.8			
Initial CIP...			Initial CIP...					
0		220.7	0		230.8			
6		265.4	6		281.2			
12		303.3	12		322.9			
18		340.4	18		361.2			
24		373.3	24		392.3			
30		402.8	30		420.2			
36		430.6	36		444.7			
42		455.0	42		468.0			
48		476.4	48		487.6			
54		494.2	54		505.7			
61.6		513.5	59.9		522.7			
Second Flow...			Second Flow...					
0		237.1	0		257.0			
20		247.0	20		257.8			
40		253.3	40		263.5			
60		257.8	60		269.3			
80		263.1	80		274.7			
100		267.9	100		279.2			
120		271.8	120		283.6			
140		276.3	140		287.7			
160		279.9	160		291.0			
185.1		283.5	185.5		295.6			
Second CIP...			Second CIP...					
0		283.5	0		295.6			
36		344.1	36		354.7			
72		383.4	72		396.0			
108		419.7	108		432.6			
144		450.5	144		461.6			
180		475.2	180		488.2			
216		498.2	216		511.3			
252		518.3	252		531.2			

Remarks:



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	2932'	
Drill Collars	6 1/4"	2 1/4"	1.15'	REVERSE SUB
Handling Sub & Choke Assembly	6 1/2"	2 1/2"	93'	DRILL COLLARS
Dual CIP Valve	6 3/4"	3"	.80'	XO SUB
Dual CIP Sampler	5 3/4"	.75"	7'	
Hydro-Spring Tester	5"	.75"	5'	3025'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4.1'	3027'
Hydraulic Jar	5.03"	1.75"	5'	
VR Safety Joint	5"	1"	2.78'	
Pressure Equalizing Crossover	5 5/8"	2 3/8"	1'	SUB
Packer Assembly	6 1/2"	2 3/4"	1'	XO SUB
Distributor				
Packer Assembly	12 1/4"	4"	5'	3035'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor	4"	1 3/4"	.75'	
Drill Collars	2 3/8"	2 1/2"	1'	
Flush Joint Anchor	2 3/8"	2 1/2"	10'	
Blanked-Off B.T. Running Case	3 7/8"		4'	3047'
Total Depth				4484' PB

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,129' FSL & 1,286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH
Rich

13. STATE
Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7,865' GL, 7,893' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)	Abandonment Procedure	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

13-3/8" casing set @ 4,617' On 4-14-81 while RIH to drill ahead with 12-1/4" bit and 9.0 ppg mud at 11,981, the drill string became stuck with the bit at approx. 11,528'. Subsequent fishing operations parted the drill string and presently 2 drill pipe fish are in the hole side by side. Fish No. 1 extends from 5,237'-8,971'. Fish No. 2 extends from 5,191'-11,500'. Cement can not be circ. through either fish. Presently 9.0 ppg mud is in the hole.

The following abandonment procedure was discussed with and approved by Ed Guynn on 4-30-81.

1. Lay a cement plug from 4,717'-4,517' across the 13-3/8" casing shoe.

(CONTINUED ON REVERSE SIDE)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Ed Guynn TITLE Drilling Superintendent DATE 5-5-81

(This space for Federal or State office use)
APPROVED BY E.W. Guynn FOR E.W. GUYNN DISTRICT ENGINEER DATE MAY 11 1981
CONDITIONS OF APPROVAL IF ANY _____ TITLE _____ DATE _____

*See Instructions on Reverse Side

Oper.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1976 O - 211-148

(CONTINUED DESCRIPTION FROM FRONT SIDE)

2. Perforate w/2 shots per ft. and drill stem test the interval 3,175' -3,265'.
3. After reviewing results of DST, lay cement plug 3,265' -3,075'.
4. Lay final cement plug from surface to 50'.
5. 9.0 ppg mud will remain in the well between all cement plugs.

The proper dry hole marker will be scribe-welded and placed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Drilling Well

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1129' FSL & 1286' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Please see below</u>			

5. LEASE
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich 13. STATE Utah

14. API NO.
43-033-30027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7865' G.L., 7893' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

PROGRESS REPORT

See Attachments

From: 4-11-81 To: 4-21-81

JUN 6

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Hal. Luthin TITLE Drilling Superintendent DATE 6-8-81

(This space for Federal or State office use)

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

THOUSAND DOLLAR #1-10 WELL HISTORY

- 4-11-81 11,898[±] MADE 46[±] IN NUGGET FORMATION. MW 9.0, VIS 60. DRLG. LITH: 100% TAN SS. BGG: TRACE.
- 4-12-81 11,920[±] MADE 22[±] NUGGET FORMATION. MW 9.0, VIS 55. 11,905[±] INC 9°, 11,920 INC 9°. REAM 11,859[±]-11,865[±]. LITH: 11,898[±]-11,910[±] 100% TAN SS, 11,910[±]-11,920[±] SILTSTONE RED BROWN & SS, TAN. BGG: TRACE.
- 4-13-81 11,980[±] MADE 60[±] IN NUGGET FORMATION. MW 8.9, VIS 56. 11,935[±] INC 8°, 11,952[±] INC 7-1/2°. DRLG AHEAD. LITH: SILTSTONE 70% RED ORANGE, 30% BROWN & TAN SS. TRIP GAS @ 11,920[±] 2-1/2 UNITS 744 PPM C1. BGG: TRACE.
- 4-14-81 11,981[±] MADE 1[±] IN NUGGET FORMATION. MW 9.0, VIS 53. 11,981[±] INC 7-1/2°. STUCK PIPE W/BIT @ 11,617[±]. LITH: 60% TAN SS, 30% RED BROWN SILTSTONE, 10% MAROON SHALE. TRIP GAS 3 UNITS, 624 PPM C1. BGG: TRACE.
- 4-15-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 8.9, VIS 52. WORK STUCK PIPE. BIT 2 11,625[±].
- 4-16-81 11,981[±] MADE 0[±] NUGGET FORMATION. MW 8.9, VIS 54. FISHING.
- 4-17-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 8.9, VIS 56. FISHING.

THOUSAND DOLLAR #1-10 WELL HISTORY

4-18-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 52. FISHING.
4-19-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 49. FISHING.
4-20-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. FISHING.
4-21-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 8.9, VIS 47. FISHING.
4-22-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 8.9, VIS 47. FISHING.
4-23-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 53. FISHING.,
4-24-81 11,981[±] MADE 0[±] IN NUGGET FORMATION. MW 9.0, VIS 48. FISHING.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPL

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 42-R355.5

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2659 Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1,129' FSL & 1,286' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-25474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Thousand Dollar

9. WELL NO.
1-10

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10, T9N, R5E

12. COUNTY OR PARISH Rich **13. STATE** Utah

14. PERMIT NO. 43-033-30027 **DATE ISSUED** June 30, 1980

15. DATE SPUDDED 9-12-80 **16. DATE T.D. REACHED** 4-13-81 **17. DATE COMPL. (Ready to prod.)** - **18. ELEVATIONS (DF, REB, RT, GR, ETC.)*** 7,865' GL 7,893' KB **19. ELEV. CASINGHEAD** -

20. TOTAL DEPTH, MD & TVD 11,981' **21. PLUG, BACK T.D., MD & TVD** - **22. IF MULTIPLE COMPL., HOW MANY*** - **23. INTERVALS DRILLED BY** → **ROTARY TOOLS** 0' - T.D. **CABLE TOOLS** None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None abandoned

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dipmeter, FDC-CNL, Lot's more

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
20"	94#	1012.75'	26"	1,860 sacks	None
13-3/8"	68#, 61#	4617	17-1/2"	4,444 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	None	

31. PERFORATION RECORD (Interval, size and number)
None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

33.* PRODUCTION

DATE FIRST PRODUCTION June 9, 1981 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing **WELL STATUS (Producing or shut-in)** Producing

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.) CONFIDENTIAL **TEST WITNESSED BY**

35. LIST OF ATTACHMENTS

All information about this well is to be held CONFIDENTIAL until May, 1982.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Dale Caddy TITLE District Operations Manager DATE June 9, 1981

*(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.)

Thousand Dollar #1-10

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.												
Ankerah	6,429'	6,559'	<p>DST #1</p> <table border="0"> <tr><td>IHP</td><td>3,124</td></tr> <tr><td>IF</td><td>198</td></tr> <tr><td>ISI</td><td>2,116</td></tr> <tr><td>FF</td><td>208</td></tr> <tr><td>FSI</td><td>1,350</td></tr> <tr><td>FHP</td><td>3,124</td></tr> </table> <p>28 min. 60 min. 120 min. 240 min.</p> <p>Recovered 300' mud VSGC. Sc: 25 cc mud.</p>	IHP	3,124	IF	198	ISI	2,116	FF	208	FSI	1,350	FHP	3,124
IHP	3,124														
IF	198														
ISI	2,116														
FF	208														
FSI	1,350														
FHP	3,124														
Nugget	10,640'	10,683'	<p>DST #2</p> <table border="0"> <tr><td>IHP</td><td>5,083</td></tr> <tr><td>IF</td><td>435</td></tr> <tr><td>ISI</td><td>4,053</td></tr> <tr><td>FF</td><td>468</td></tr> <tr><td>FSI</td><td>4,053</td></tr> <tr><td>FHP</td><td>5,050</td></tr> </table> <p>30 min. 60 min. 119 min. 241 min.</p> <p>Recovered 1,000' water cushion, 95' mud. Sc: 1,700 cc mud.</p>	IHP	5,083	IF	435	ISI	4,053	FF	468	FSI	4,053	FHP	5,050
IHP	5,083														
IF	435														
ISI	4,053														
FF	468														
FSI	4,053														
FHP	5,050														

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	Surface	
Nugget	1,010'	
Ankerah	2,856'	
Sample top:		
Nugget	10,290'	
T.D.	11,981	

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.

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.)

Thousand Dollar #1-10

CONFIDENTIAL

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS
Nugget	11,425'	11,470'	<p>DST #3 IHP 5,384 IF 861 30 min. ISI 4,448 60 min. FF 2,053 120 min. FSI 4,448 240 min. FHP 5,384</p> <p>Recovered 1,000' water cushion, 3,245' mud cut salt water. Sc: 1,800 cc salt water</p>	<p>38.</p> <p>NAME Wasatch Nugget Ankerah Sample top: Nugget T.D.</p> <p>MEAS. DEPTH Surface 1,010' 2,856' 10,290' 11,981'</p> <p>TOP TRUE VERT. DEPTH</p>
Ankerah	3,035'	4,484'	<p>DST #4 IHP 1,472 IF 230 35 min. ISI 537 60 min. FF 288 185 min. FSI 671 720 min. FHP 1,462</p> <p>Recovered 600 feet mud. Sc: 1,700 cc mud.</p>	

APC 6-9-81

VICTOR B. GRAS

GEOLOGICAL CONSULTANT

777 NINTH AVENUE ▼ SALT LAKE CITY, UTAH 84103

▼ 801-359-2285

Re: Marathon Oil Co.
 1-10 Thousand Dollar
 SE SW 10 T9N R5E
 Rich County, Utah

The following list of log tops along with the Geological Log constitute the final wellsite Geological Report for this well.

Kelly Bushing elevation 7893'

Log tops:

Wasatch	Surface
Nugget	1010
Ankareh	2856
Sample top:	
Nugget	10290
Total Depth:	11981

Fish abandoned in hole. No electric logs below 9645'.