

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
MINERAL MANAGEMENT SERVICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. 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 1,369.18' FNL & 2,799.55' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
21 Miles Northwest of Loa, Utah

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1,369.18'  
 16. NO. OF ACRES IN LEASE 610.32

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None  
 19. PROPOSED DEPTH 11,000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 9,248' GL, 9,276' KB  
 22. APPROX. DATE WORK WILL START\* 11-19-82

5. LEASE DESIGNATION AND SERIAL NO. U-22162A  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME South Mount Terrill  
 9. WELL NO. 1A-1  
 10. FIELD AND POOL, OR WILDCAT Wildcat  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T26S, R3E  
 12. COUNTY OR PARISH Sevier  
 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 attached Sundry for revised casing program and skidded location.

*Re drill of #1-1*

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 Dale T Caddy TITLE District Operations Manager DATE November 22, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY W. W. Martin for E. W. Guynn DATE DEC 02 1982  
 TITLE District Oil & Gas Supervisor  
 CONDITIONS OF APPROVAL, IF ANY:

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

FLARING OR VENTING OF GAS IS SUBJECT TO \_\_\_\_\_ DATED 1/1/80

NOTICE OF APPROVAL

STATE O & G

Prepared by:

JONES & DeMille Engineering  
180 North 100 East  
P.O. Box 747  
Richfield, Utah 84701

Basis of Bearings  
N. 0°34'E. 177.54'  
from resurvey made  
by Ralph Gentry in  
1936. (177.20 mea.)

36

31

N.E. Cor. Sec. 1

311.51'  
S. 88°17'54"W.

1369.18'  
South - 1499.18'

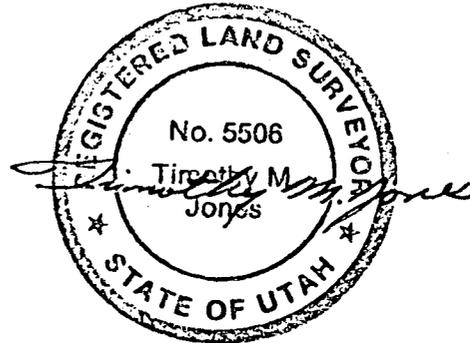
West - 2488.04'

6



Scale: 1" = 1,000'

• = Found Brass Cap



I, Timothy M. Jones of Richfield, Utah hereby certify that in accordance with a request from Walt West of Casper, Wyoming for Marathon Oil Company made a survey on the 10th day of September 1982 for location and elevation of the South Mount Terrill 1-1 As shown on the above map, the wellsite is in the SE 1/4, NW 1/4 of Section 1, Township 26.5, Range 3E of the Salt Lake Meridian, Sevier County, State of Utah Elevation is 9252.8 feet ungraded ground Datum established from spot elevation at the NE corner of Section 1, T. 26 S., R. 3 E., S.L.M. as shown on USGS 7 1/2' topographic map "Forsyth Reservoir"

Reference point	300'	N 10°33'04"E	set rebar	Elevation top of rebar = 9268.9'
Reference point	300'	S 79°26'56"E	set rebar	Elevation top of rebar = 9239.8'
Reference point	300'	S 10°33'04"E	set rebar	Elevation top of rebar = 9251.7'
Reference point	200'	N 79°26'56"E	set rebar	Elevation top of rebar = 9263.2'

Marathon Oil Company  
Well No. 1A-1  
Section 1, T.26S., R.3E.  
Sevier County, Utah  
Lease U-22162-A

#### Supplemental Stipulations

- 1) At least one half of the reserve pit depth should be in cut material, but any fill portions of the pit must be keyseated or core trenched with dikes compacted in lifts.
- 2) All large rock (12 inches diameter and larger) unearthed during operations will be buried in fill areas or in the mud pit upon completion of drilling.
- 3) The water transmission line presently crossing the site will be re-routed prior to site disturbance.
- 4) Approximately 20-30 yards of U-72 will be kept clear of snow to allow parking for snowmobile users.
- 5) Roadside drainage ditch profiles shall not exceed one percent.
- 6) Borrow area shown on Diagram C, detail B, is to be deleted from the plan.
- 7) Fill banks at culvert ends shall be armored with riprap.
- 8) Topsoil pile needs to be protected from road drainage.
- 9) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mancos. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RIG SKID**

**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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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) Addition to Casing Program		

(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.)\*

The rig at South Mount Terrill #1-1 was skidded 40' north; therefore, the legal location for South Mount Terrill #1A-1 is 1,369.18' FNL & 2,799.55' FEL.

The revised casing program for South Mount Terrill #1A-1 is as follows:

Casing String	Size (IN)	Setting Depth (Ft, KB)
Structural Casing	30	78
Conductor	20	1,300
Surface	13-3/8	2,400
Intermediate	10-3/4	4,750
Production	7-5/8	11,000

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct District  
SIGNED Dale T Caddy TITLE Operations Manager DATE November 22, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**RIG SKID**

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 1,369.18' FNL & 2,799.55' FEL  
 At proposed prod. zone **RIG SKID**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 21 Miles Northwest of Loa, Utah

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1,369.18'

16. NO. OF ACRES IN LEASE 610.32

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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

19. PROPOSED DEPTH 11,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 9,248' GL, 9,276' KB

22. APPROX. DATE WORK WILL START\*  
 11-19-82

5. LEASE DESIGNATION AND SERIAL NO.  
 U-22162A  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 SOUTH MOUNT TERRILL  
 8. FARM OR LEASE NAME  
 South Mount Terrill  
 9. WELL NO.  
 1A-1  
 10. FIELD AND POOL, OR WILDCAT  
 Wildcat  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 1, T26S, R3E  
 12. COUNTY OR PARISH  
 Sevier  
 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 attached Sundry for revised casing program and skidded location.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 12-6-82  
 BY: *[Signature]*

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 *Dale T. Cadby* TITLE District Operations Manager DATE November 22, 1982

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

MARATHON OIL COMPANY

DRILLING OPERATIONS PLAN

RIG SKID

DATE: September 20, 1982

WELL NAME: South Mount Terrill #1-1

LOCATION: 1,409.18' FNL & 2,799.55' FEL, Section 1, T26S, R3E,  
Sevier County, Utah

1. Geologic name of the surface formation:

Volcanics

2. Estimated tops of important geological markers:

<u>Formation</u>	<u>Depth (KB)</u>	<u>Datum</u>	<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Volcanics	0'	+9,350'	Moenkopi	6,437'	+2,913'
Mancos	1,500'	+7,850'	Sinbad	7,423'	+1,927'
Dakota	2,534'	+6,816'	Lower Moenkopi	7,617'	+1,733'
Morrison	2,586'	+6,764'	Kaibab	7,738'	+1,612'
Summerville	2,766'	+6,584'	Toroweap	7,887'	+1,463'
Curtis	2,966'	+6,384'	Coconino	8,046'	+1,304'
Entrada	3,016'	+6,334'	Hermosa	8,697'	+ 653'
Carmel	4,016'	+5,334'	Redwall	9,368'	- 18'
Navajo	4,612'	+4,738'	Ouray	10,223'	- 873'
Kayenta	4,737'	+4,613'	Elbert	10,338'	- 988'
Wingate	5,027'	+4,323'	Maxfield	10,857'	-1,507'
Chinle	6,062'	+3,288'	T.D.	11,000'	-1,650'

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

<u>Formation</u>	<u>Depth (KB)</u>	<u>Datum</u>	<u>Probable Content</u>
Sinbad	7,423'	+1,927'	Oil
Kaibab	7,738'	+1,612'	Oil
Redwall	9,368'	- 18'	Oil

4. The Proposed Casing Program:

Casing Design

CASING STRING	HOLE SIZE	INTERVAL	SECTION LENGTH	SIZE (OD)	WEIGHT, GRADE AND JOINT	MUD WEIGHT	1000#	SF <sub>t</sub>	SF <sub>c</sub>	SF <sub>b</sub>
							TENSION LOAD			
Conductor	36"	0'-100'	100'	30"	Thinwall Steel Pipe	8.6	N/A	N/A	N/A	N/A
Surface	17-1/2"	0'-2,500'*	2,500'	13-3/8"	68.0#, K-55, STC	8.8	170	4.23	1.50	1.77
Intermediate*	12-1/4"	0'-4,750'*	1,900'	10-3/4"	51.0#, L-80, Butt	9.5	255	7.45	3.17	1.60
			1,800'	10-3/4"	55.5#, L-80, Butt	9.5	158	6.59	2.09	1.60
			1,050'	10-3/4"	55.5#, SS-95, Butt	9.5	58	18.00	1.61	1.56
Production	9-1/2"	0-11,000'	11,000'	7-5/8"	33.7#**, N-80, LTC	9.0	371	1.82	1.15	1.66

\* The 13-3/8" surface casing will be set through the volcanics with a minimum setting depth of 2,500'. Setting depth of the 10-3/4" intermediate casing may vary, and will be evaluated as actual drilling progresses.

\*\* If hydrogen sulfide gas is encountered, H<sub>2</sub>S resistant casing will be substituted.

Cement Program:

13-3/8" Surface Casing

Lead Slurry: 1,650 sx "lite" cement with 1/4#/sack cellophane flake (2,000' column).  
 Tail Slurry: 600 sx Class "G" with 1% CaCl<sub>2</sub> (500' column).  
 Excess Used: 100%  
 Float Equipment: 5 centralizers, stab-in float collar, float shoe.  
 W.O.C.: 12 hours before cutting off.

(Continued on next page)

RIG SKID

Cement Program (continued):

10-3/4" Intermediate Casing

The cement type, additives, and float equipment will be designed on the basis of actual conditions at the time the string is set. A two stage cement job may be required. At present the following program is anticipated:

1st Stage: 175 sx Class "G" with 37.2% NaCl (saturated), 1/4#/sack cellophane flakes (800' column).

2nd Stage: 250 sx "lite" cement with 1/4#/sack cellophane flakes (1,650' column).

Excess Used: Caliper log plus 35%

Float Equipment: Stage collar @ 3,950', float collar, float shoe, 2 cement baskets, 10 centralizers.

W.O.C.: 12 hours between stages, 6 hours after 2nd stage before setting slips.

7-5/8" Production Casing

1st Stage: 570 sx Class "G" with 1/4#/sack cellophane flakes (2,700' column).

2nd Stage:

Lead Slurry: 450 sx "lite" with 1/4#/sack cellophane flakes (2,950' column).

Tail Slurry: 125 sx Class "G" with 1/4#/sack cellophane flakes (600' column).

Excess Used: Caliper logs plus 35%.

Float Equipment: Stage collar @ 8,300', float collar, float shoe, 2 cement baskets, 10 centralizers.

W.O.C.: 6 hours between stages, 6 hours after 2nd stage before setting slips.

RIG SKID

# RIG SKID

5. Pressure Control Equipment:

30" Conductor Pipe

A 20" annular preventer with diverter lines and a rotating head will be rigged up on the 30" conductor pipe. The 20" annular will be function tested only. The diverter lines will be at least 8" diameter.

13-3/8" Surface Casing and 10-3/4" Intermediate Casing

The blind and pipe rams will be tested to 2,500 psi, the annular preventer will be tested to 1,500 psi and the casing will be tested to 2,500 psi prior to drilling the (13-3/8" or 10-3/4") casing shoe. After the casing shoe and five feet of new hole has been drilled, the formation will be tested to 14 ppg E.M.W. or leak-off, whichever occurs first. The B.O.P. equipment will be function tested daily and pressure tested monthly. A gas buster also will be used.

6. Drilling Mud Program:

<u>From</u>	<u>To</u>	<u>Type Mud</u>	<u>Weight</u>	<u>% Oil</u>	<u>Water Loss</u>
0'	2,500'	Air or LSND*	8.8	0	No Control
2,500'	4,750'	LSND/Salt Saturated	9.5	0	No Control
4,750'	T.D.	Dispersed	9.0	0	< 20 cc's

\* Lost circulation is possible at any depth on the hole; therefore, mud weight should be kept at a minimum.

7. Auxilliary Equipment Required:

A Totco Visulogger or the equivalent will be used and will include flow sensors, pit level monitors, and a stroke counter.

Mud equipment will include a shale shaker, desander, desilter (or mud cleaner) and degasser.

A drilling rate recorder capable of recording each foot of hole drilled will be used.

A remote adjustable choke and manual choke will be used.

H<sub>2</sub>S equipment will be placed on the rig on or before 6,500± of depth is reached.

Deviation Control:

<u>From</u>	<u>To</u>	<u>Max. Distance Between Surveys</u>	<u>Max. Deviation From Vertical</u>	<u>Maximum Change Per 100' of Depth</u>
0'	2,500'	100'	1°	1°/100'
2,500'	T.D.	500'	5°	1°/100'

No serious deviation problems are anticipated.

8. Testing, Logging, Coring, and Fracing Program:

A mud logger will be used from spud to T.D.

Samples will be taken at 10' intervals and a sample master will be used.

The following logs are anticipated before each casing string is run:

SP-DIL-GR; FDC/CNL-GR-Cal; BHC Sonic-GR-Dipmeter

Two 60' cores and two DST's are anticipated.

Fracing Program: Not anticipated.

9. Abnormal Conditions:

No abnormal pressures or temperatures are anticipated.

10. Anticipated Starting Date and Duration:

Starting Date: November 1, 1982

Duration: 120 Days

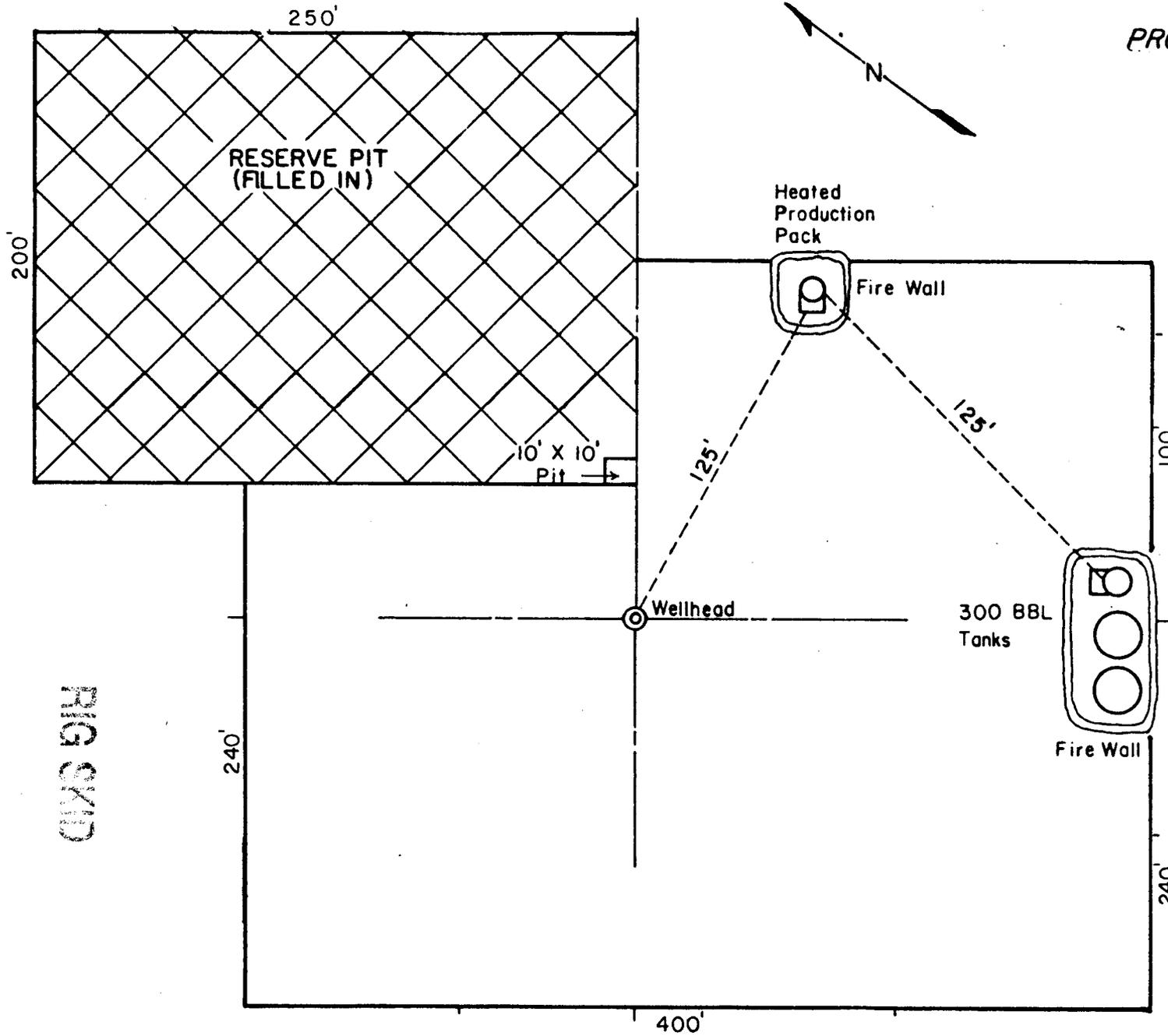
Name ME. Krugh

Title Drilling Superintendent

Date 9-17-82

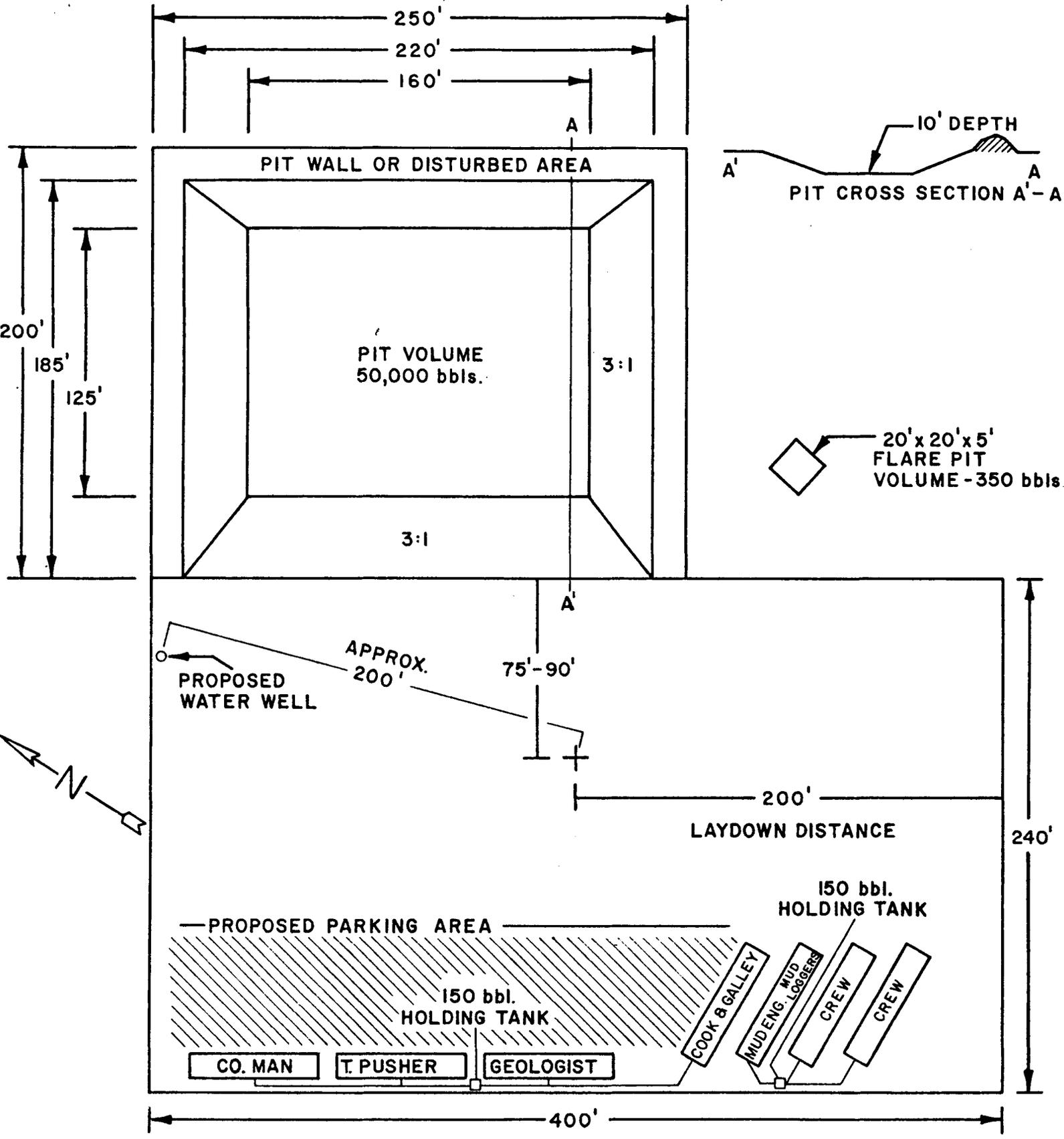
PROPOSED  
SCHEMATIC  
of  
PRODUCTION FACILITIES

DIAGRAM B



RIG SKID

SOUTH MOUNT TERRILL #1-1  
SEVIER CO., UTAH  
SEC. 1, T 26 S, R 3 E  
1409.18' FNL, 2799.55' FEL



1409.18' FNL & 2799.55' FEL  
 SEC. 1, T 26S, R 3E

**PROPOSED RIG LAYOUT**  
**SOUTH MOUNT TERRILL #1-1**  
**SEVIER CO. UTAH**

**RIG SKID**

SCALE 1" = 60'

DIAGRAM 'D'

CASING DESIGN

South Mt. Terrill #1A-1

DESIGN FACTORS:

$SI_c = 1.125$  Pipe evacuated w/normal MW + .5 ppg. Consider collapse reduction due to tension.  $9.1 + .5 = 9.6\#/gal$

$SI_b = 1.250$  The greater of: 1. Normal MW in annulus. Bottom hole pressure - .10 ppf gas gradient in gas filled pipe. 9.1 gradient to 11,000' -.10  
2. Normal MW in annulus. Maximum surface treating pressure + Hydrostatic of treating fluid.

$SI_t = 1.50$ . No buoyancy.

CASING	API/NON-API DRIFT	SETTING DEPTH	SECTION LENGTH	TENSION - 1,000 lb.			COLLAPSE				BURST		
				STRENGTH	FORCE	S.F.	STRENGTH	FORCE	REDUCED STRENGTH	S.F.	STRENGTH	FORCE	S.F.
10-3/4" Intermediate													
55.5# S-80 SCC Buttress	9.604/9.625	1,550	1,550	877 (B.Y.)	324	2.7	5220	775	4671	6.02	4430	4260	1.04
51# L-80 SCC Buttress	9.694/9.694	3,450	1,900	1041	238	4.37	3220	1725	3094	1.79	5860	4450	1.32
55.5# L-80 SCC Buttress	9.604/9.625	5,250	1,800	1041	141	7.36	4020	2625	3984	1.52	6450	4630	1.39
55.5# SS-95 SCC Buttress	9.604/9.625	6,000	750	1096	42	>10	5950	3000	5950	1.98	6450	4705	1.37

MARATHON OIL COMPANY  
SURFACE USE & OPERATIONS PLAN

RIG SKID

DATE: September 20, 1982

WELL NAME: South Mount Terrill #1-1

LOCATION: 1,409.18' FNL & 2,799.55' FEL, Section 1, T26S, R3E,  
Sevier County, 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.  
16 miles NE of Loa, Utah, on State Highway #72.  
See map Diagram "A".
- 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.).  
See map Diagram "A".
- E. If development well, all existing roads within a 1-mile radius of well site.  
New route determined at onsite.  
See map Diagram "A".
- F. Plans for improvement and/or maintenance of existing roads.  
18' wide, 24' total disturbance, crowned & ditched, some surfacing necessary.

#2 Planned Access Roads:

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

- (1) Width                      18'
- (2) Maximum grades        0-8°
- (3) Turnouts                None
- (4) Drainage design        Crown and ditch, trailer ditches where needed.
- (5) Location and size of culverts and brief description of any major cuts and fills.  
See surveyors map of proposed access road.
- (6) Surfacing material  
Gravel
- (7) Necessary gates, cattleguards, or fence cuts.  
None
- (8) (New or reconstructed roads are to be center-line flagged at time of location staking.)

Access is center line flagged with hot blue and orange flagging.

#3 Location of Existing Wells:

Two-mile radius map if exploratory, or 1-mile radius map if development well, showing and identifying existing:

- |  |      |
|--|------|
| (1) Water wells  | None |
| (2) Abandoned wells                                      | None |
| (3) Temporary abandoned wells                            | None |
| (4) Disposal wells                                       | None |
| (5) Drilling wells                                       | None |
| (6) Producing wells                                      | None |
| (7) Shut-in wells  | None |
| (8) Injection wells                                      | None |
| (9) Monitoring or observation wells for other resources. |      |

#4 Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

- |  |      |
|--|------|
| (1) Tank Batteries   | None |
| (2) Production Facilities  | None |
| (3) Gathering Lines  | None |
| (4) Gas Gathering Lines  | None |
| (5) Injection Lines (indicate if any of the above lines are buried). | None |
| (6) Disposal Lines   | None |

B. If new facilities are contemplated, in the event of production, show:

- (1) Proposed location and attendant lines by flagging if off of well pad.

Adjacent to the access road and as close to the proposed drill site as possible, without setting on any fill.

- (2) Dimensions of Facilities

See proposed Diagram "B"

- (3) Construction methods and materials

Good engineering practices will be used in construction. Materials will be obtained through local vendors and contractors.

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

Woven wire fencing of the pit area.

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

Drill site and tank battery area will be reshaped to conform with the topography. Top soil will be distributed at the proper time. Disturbed areas scarified with contours to a depth of 12". Seeds will be broadcast, as per USFS recommendations.

#5 Location and Type of Water Supply:

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

Two sources:

Primary - See map Diagram "D" for proposed drilling of water well on location.

Secondary - Forsythe Reservoir

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

Over existing roads.

- 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.)

A proposed water well will be drilled. State permits applied for.

#6 Source of Construction Materials:

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

Gravel. Source will be on USFS or BLM lands.

- 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 discussed with Mr. Coy Jemmett, USDA Forest Service, Loa, Utah, or Mr. John Branch, BLM, Richfield, Utah.

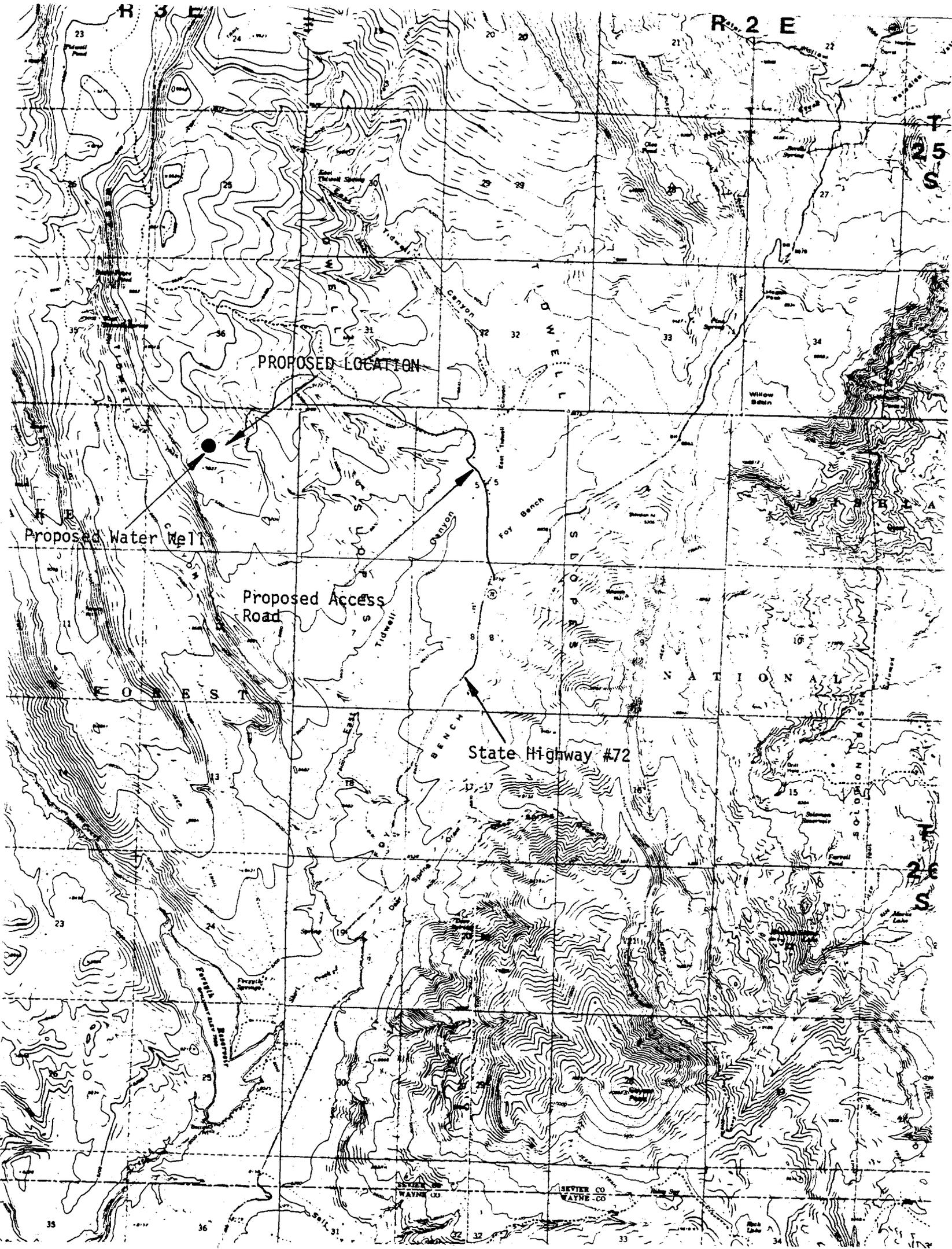
- D. Show any needed access roads crossing Federal or Indian Lands under Item 2.

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) | Test Tank   |



SOUTH MOUNT TERRILL #1-1  
1,409.18' FNL & 2,799.55' FEL  
Section 1, T26S, R3E  
Sevier County, Utah

**RIG SKID**

Diagram "A"

Topsoil will be redistributed at proper season. Seeding will be USFS requirements. Access road will remain at request of USFS.

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

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

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

If there is any 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 abandoning well.

#11 Other Information:

General Description of:

- (1) Topography, soil characteristics, geologic features, flora and fauna.

Sagebrush, aspen trees, rock formations, occasionally dissected by light to heavy drainage features. Deer, rabbits, fox, small rodents, and cattle.

- (2) Other surface use activities and surface ownership of all involved lands.

- Access road and drill site are owned by U.S. Government.

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

There is no water or occupied dwelling in the area. Archeological work was performed by BYU, Provo, Utah.

#12 Lessee's or Operator's Representative:

Mike E. Krugh - Marathon Oil Company      Office: 307-577-1555, ext 408  
P.O. Box 2659                                      Home: 307-577-1664  
Casper, WY 82602

#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:

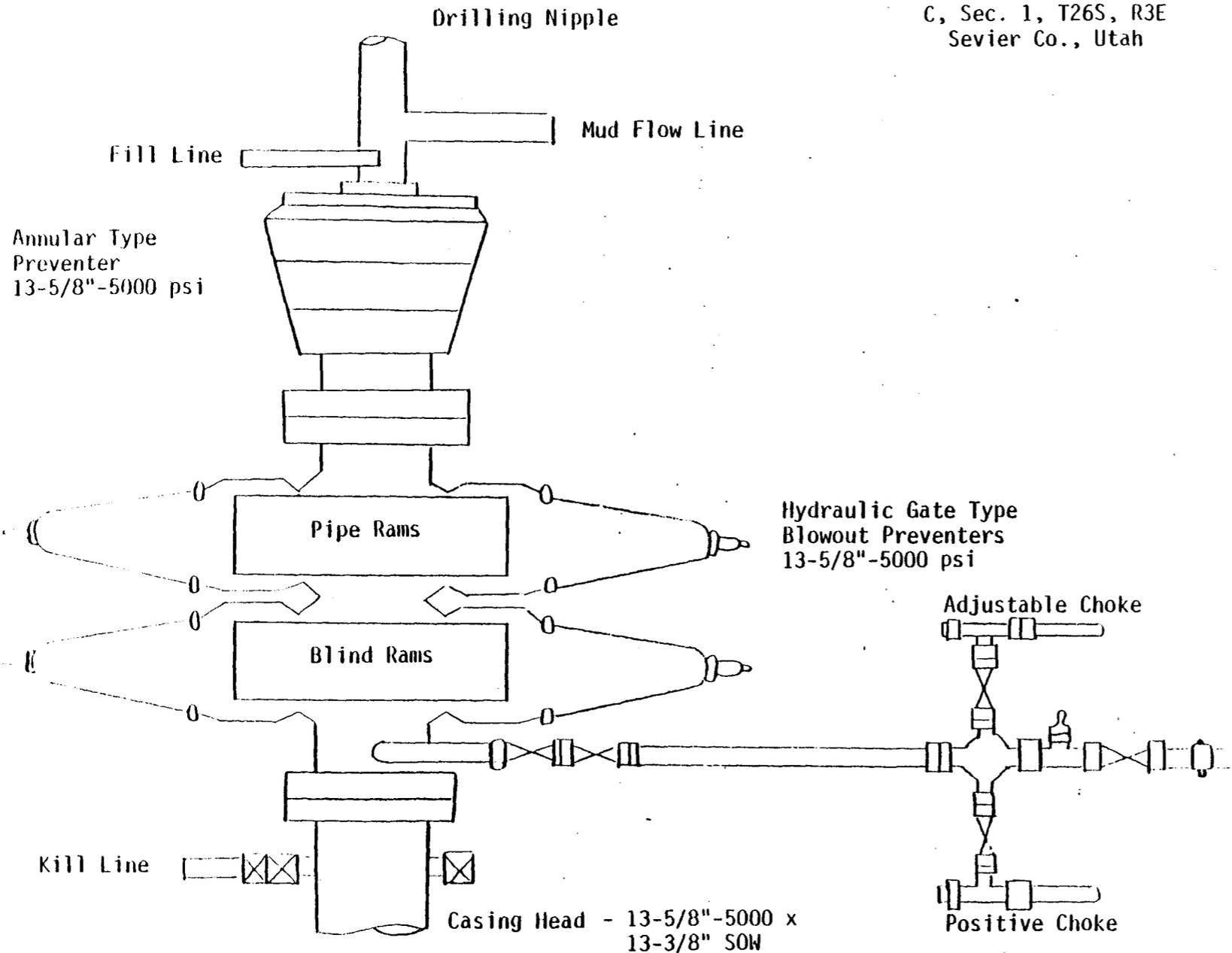
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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.

9-16-82  
Date

ME Krugh  
Name

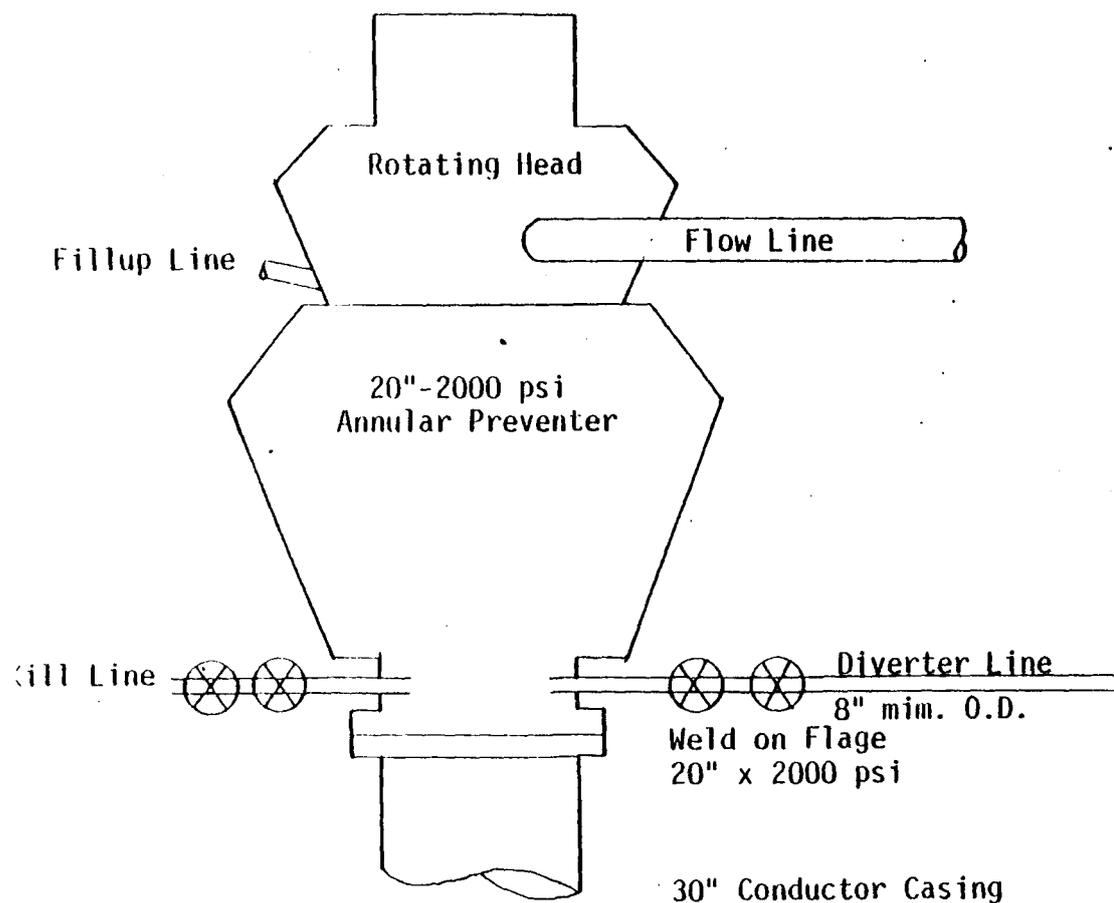
District Delg. Supt.  
Title

Marathon Oil Company  
 South Mount Terrill 1-1  
 C, Sec. 1, T26S, R3E  
 Sevier Co., Utah



1. Blowout preventers, master valve, plug valve and all fittings must be in good condition. Use new API Seal Rings.
2. All Fittings (gates, valves, etc.) to be of equivalent pressure rating as preventers. Valves to be flanged and at least 2" unless otherwise specified. Valves next to BOP to be plug type and 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 (Omsco or equivalent) must be available on rig floor at all times and with proper connections. The I.D. of safety valves should be as great as I.D. of tool joints on drill pipe.
5. Kelly safety valve installed, 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. Controls may be either on floor or ground near steps from rig floor.
8. Fillup line tied to drilling nipple, the connection must be below and approximately 90° to the flow line.
9. Gauge will be installed for testing but removed while drilling.
10. Spool not required, but when side outlet on BOP's is used, it must be below bottom ram.
11. Casinghead and casinghead fittings to be furnished by Marathon Oil Company

Marathon Oil Company  
South Mt. Terrill 1-1  
C, Sec. 1, T26S, R3E  
Sevier Co., Utah



1. Blowout preventers, master valve, plug valve and all fittings must be in good condition. Use new API Seal Rings.
2. All Fittings (gates, valves, etc.) to be of equivalent pressure rating as preventers. Valves to be flanged and at least 2" unless otherwise specified.
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 (Omsco or equivalent) must be available on rig floor at all times and with proper connections. The I.D. of safety valves should be as great as I.D. of tool joints on drill pipe.
5. Kelly safety valve installed, same working pressure as BOP's.
6. All lines and controls to preventers must be connected and function tested before drilling out of conductor pipe.
7. BOP's must be fluid operated, complete with accumulator. Controls may be either on floor or ground near steps from rig floor.
8. Fillup line tied to drilling nipple, the connection must be below and approximately 90° to the flow line.



# CONFIDENTIAL

OPERATOR Marathon Oil DATE 12-6-82  
WELL NAME South Mount Sevier #1A-1  
SEC SE/W 1 T 26S R 3E COUNTY Seriev

43 041-30026  
API NUMBER

Lea.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input checked="" type="checkbox"/>	HL	<input checked="" type="checkbox"/>
<input type="checkbox"/>	NID	<input checked="" type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input checked="" type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

APPROVAL LETTER:

SPACING:  A-3 So. Mount Sevier  c-3-a \_\_\_\_\_ CAUSE NO. & DATE  
UNIT  
 c-3-b  c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- AUTHENTICATE LEASE AND OPERATOR INFORMATION
- VERIFY ADEQUATE AND PROPER BONDING
- AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

- OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.
- IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

December 6, 1982

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

RE: Well No. So. Mt. Terrill 1A-1  
SENW Sec. 1, T.26S, R.3E (RIG SKID)  
Sevier County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

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

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

The API number assigned to this well is 43-041-30026.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: MMS  
Enclosure

# CONFIDENTIAL

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

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: 1,369.18' FHL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*
- (other) Please See Below

SUBSEQUENT REPORT OF:

**RECEIVED**  
DEC 13 1982  
DIVISION OF  
OIL GAS & MINING

- 5. LEASE  
U-22162A
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME  
South Mount Terrill
- 9. WELL NO.  
1A-1
- 10. FIELD OR WILDCAT NAME  
Wildcat
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E
- 12. COUNTY OR PARISH | 13. STATE  
Sevier | Utah
- 14. API NO.  
43-041-30025
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 11-20-82 To: 12-7-82

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED MSKugh TITLE Drilling Superintendent DATE 12-7-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**CONFIDENTIAL**

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
South Mount Terrill

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

14. API NO.  
43-041-30026

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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>Change in Casing Program</u>			

JAN 10 1983

DIVISION

(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.)\*

Please see attached casing design.

Change in casing design was discussed between Mr. Bill Martens, Salt Lake City, and Walt West, MOC. Permission to run 10-3/4" intermediate was given January 4, 1983.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1/10/83  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct \_\_\_\_\_ District  
SIGNED Bob Caddy TITLE Operations Manager DATE January 5, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 11-20-82 SKID RIG 40' N. & RU.
- 11-21-82 SET MOTORS & PUMPS & CONT. TO RIG UP. WILL SET MUD HOUSE, BAR HOPPER, PLUMB STORAGE TANKS. REC'D 1-36" HO & 3-26" HO.
- 11-22-82 SET MUD PITS. WORK ON LOCATION. WILL SET MOTORS TODAY & BREAK TOWER TONIGHT.
- 11-23-82 50' MADE 22' IN VOLCANICS FORMATION. FLUID AIR. BIT NO 1RR, 17-1/2", SEC, M4N 970034, JETS 22/22/24, DEPTH IN 28', DEPTH OUT 50', 22 FEET, 4 HRS, 5.5 FT/HR, CONDITION 6/E/I. FIN RU. SPUD WELL @ 4:30 P.M., 11-22-82. DRLD 17-1/2" HOLE W/ROTARY & MUD. DYNADRLD RATHOLE & MOUSEHOLE W/12-1/4" BIT & AIR. DD 17-1/2" CONDUCTOR HOLE W/AIR. NOTE: ON SUNDAY - LAID 5 YDS REDIMIX PLUG IN OLD WELL F/88' KB - 68' KB. BACKFILLED HOLE TO G.L. 12-1/4" BIT USED TO DRL MOUSE & RATHOLES - REED- H551- A25179- 3EI.
- 11-24-82 84' MADE 33' IN VOLCANICS FORMATION. MW 8.4, VIS 32, SPUD MUD. BIT NO 2, 17-1/2", HTC, V0969, JETS 20/20/20, DEPTH IN 50, DEPTH OUT 53', 3 FEET, 1-1/2 HRS, 2 FT/HR, CONDITION 8/8/I, REMARKS: CONES LOCKED & SKIDDED. BIT NO 3, 17-1/2", SEC, S84, 148840, JETS 22/24/24, DEPTH IN 53', DEPTH OUT 84', 31 FEET, 3 HRS, 10.3 FT/HR, CONDITION 2/2/I. RPM 125, WT ON BIT 2-4,000#. MUD UP & DRLD TO 84', NO PROB. PU 36" HOL & STRAP ON BIT.
- 11-25-82 84' MADE 0' IN VOLCANICS FORMATION. MW 8.5, VIS 45. OPEN HOLE. T.D. W/36" HOLE @ 6:00 A.M. 51' OPENING HOLE @ 1'/HR.
- 11-26-82 84' MADE 0' IN VOLCANICS FORMATION. MW 8.5, VIS 37. OPENED HOLE TO T.D. @ 6 A.M. W/36" - 67'. LOST 200 BBLS MUD @ 65' THEN HELD WITHOUT LOSING ANY MORE MUD.
- 11-27-82 84' MADE 0' IN VOLCANICS FORMATION. MW 8.4, VIS 30. OPENED HOLE TO T.D. @ 6 A.M. W/36" - 80'. HOLE OPENER LOCKED UP & BUSHINGS ROTATED ON KELLY. POH, REPAIR SWIVEL. WASH 4' BACK TO BTM. PRESENTLY OPENING HOLE.
- 11-28-82 84' MADE 0' IN VOLCANICS FORMATION. BIT #1. OPENED HOLE TO T.D. @ 6 A.M. 82' W/36" H.O.. LOST 318 BBLS MUD. AT 82' PMPD 100 BBLS LCM PILL. POH & SET 1 HR. RIH HAD 1' FILL. RIH W/17-1/2" BIT & BLOW HOLE FRY W/SOAP & AIR. LD BHA. RUN 2 JTS 30" CSG. CSG DID NOT GO TO BTM, SET CSG 15' OFF BTM. CMT CSG W/READY MIS W/TOTAL OF 24 YDS W/BROWN READY MIX. PRESENTLY WOC.
- 11-29-82 84' MADE 0' IN VOLCANICS FORMATION. CUT OFF 30" CONDUCTOR. WELD ON 30" FLANGE. NU 30" CROSS & 30" ANNULAR, SPOOL & ROTATE HEAD.
- 11-30-82 84' MADE 0' IN VOLCANICS FORMATION. BIT NO 3. FIN NU BOPE. PU BHA. UNLOAD MUD F/HOLE W/AIR. NU 30" FLANGE & ROT HEAD.

SOUTH MT. TERRILL #1A-1

- 12-1-82 154' MADE 70' IN VOLCANICS FORMATION. FLUID/AIR. NU ROTATING HEAD. DRLD CMT 57' TO 84'. CIRC & DRY UP WET HOLE. DRILL AHEAD.
- 12-2-82 169' MADE 15' IN VOLCANICS FORMATION. FLUID: STIFF FOAM. DRLD TO 154'. CIRC. BLOW HOLE DRY W/STIFF FOAM. GOT STUCK WHILE ROT W/BIT @ 130'. WORK OUT OF HOLE TO 102' & STUCK TITE. COULD NOT ROT OR MOVE UP OR DOWN. COULD CIRC STIFF FOAM. WORK DC'S & WO SURFACE JARS. PU SURFACE JARS. JAR ON FISH & WORK FREE. RIH, HOLE IN GOOD SHAPE.
- 12-3-82 319' MADE 150' IN VOLCANICS FORMATION. FLUID: STIFF/FOAM. DRLD & SURV 169'-319', NO PROBLEM.
- 12-4-82 347' MADE 28' IN VOLCANICS FORMATION. FLUID STIFF FOAM. BIT NO 3, 17-1/2", STC, 32S SAW157, JETS OPEN, DEPTH IN 84', DEPTH OUT 347', 263 FEET, 30-1/4 HRS, 8.7 FT/HR, CONDITION 8/8/-, REMARKS: SHANK & CONE IN HOLE. DRLD TO 347'. BIT TORQUED. POH, LOST ONE CONE & SHANK IN HOLE. HIGH TORQUE CAUSED ROUNDED CORNERS ON KELLY PIN END. PU MAGNET. RIH, HAD 8' OF FILL ON BTM. POH. RIH W/BIT. REAMED 8' TO TOP OF FISH. RIH W/MAGNET. WORKED MAGNET & POH. RECOVERED CONE & SHANK. GREASE SEAL ASSY, LEFT IN HOLE. RIH W/MAGNET W/NO RECOVERY.
- 12-5-82 384' MADE 37' IN VOLCANICS FORMATION. FLUID STIFF FOAM. BIT NO 4, 17-1/2", SEC, M4NJ 128407, JETS OPEN, DEPTH IN 347', DEPTH OUT 371', 24 FEET, 9 HRS, 2.7 FT/HR, CONDITION 4/E/I. DRLD TO 371'. POH F/BIT #5. RIH, HIT BRIDGE @ 300'. REAMED 71' TO BTM.
- 12-6-82 640' MADE 256' IN FLAGSTAFF FORMATION. FLUID STIFF FOAM. DRLD & SURV TO 513'. LOST CIR 1/2 HR. INCREASED FOAMER TO 1.5% AND REGAINED CIRC. CIRC WATERY FOAM 15 MIN & THEN GOOD STIFF FOAM. DRLD & SURV TO 640' W/NO PROB.
- 12-7-82 972' MADE 332' IN FLAGSTAFF FORMATION. FLUID STIFF FOAM. DRLD & SURV TO 972'. PIPE STUCK W/BIT @ 965' CAN ROTATE & CIRC STIFF FOAM. PRESENTLY BACK REAM & CIRC @ 965'.

**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

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: 1,369.18' FNL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 12-17-82 To: 1-5-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED M E Knight/A.G TITLE Superintendent DATE 1-6-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 12-17-82 1,955' MADE 0' IN MORRISON FORMATION. WELD ON CSGHEAD. TESTED TO 1,250 PSI. NU BOPE. CMT DOWN 13' IN ANNULUS. CMTED W/READY MIX, ANNULUS & BASE PLATE. PRESS TEST PIPE RAMS, HCR, MANUAL VALVES, & CHECK VALVE TO 2,500 PSI, OK. ELECTRIC MOTOR BURNED OUT ON KOMMEY UNIT. WILL REPL TODAY. TEST HYDRIL TO 1,500 PSI, OK. NOTIFIED ROD LEE W/BLM IN RICHFIELD & BRUCE PHILITOOM W/MMS IN S.L.C. OF BOP TEST ON 12/17/82.
- 12-18-82 1,955' MADE 0' IN MORRISON FORMATION. MW 9.2, VIS 37. TEST BLIND RAMS, CHOKE MANIFOLD, FLOOR VALVE & DART VALVE 15 MIN @ 2,500 PSI, OK. LD 10" DC'S, STRAP & PU NEW BHA W/JARCO SHOCK SUB & JARS. INSTALL DP RUBBER ON EVERY JT. RIH TAG CMT @ 1,760'. CIRC & INSTALL DRILCO. ROTATING HEAD. TEST 13-3/8" CSG 2,200 PSI, OK. DRLD CMT & PLUG TO 1,876'.
- 12-19-82 2,106' MADE 151' IN MORRISON FORMATION. MW 9.2, VIS 38. DRLD CMT & FLT CLR @ 1,905'. DRLD SHOE @ 1,948'. DRLD CMT TO 1,955', DRLD TO 1,960'. CIRC & WAIT ON HALLIBURTON, RIG HALLIBURTON & RUN SHOE TEST. TEST TO 11.0 E.M.W. (180 PSI) F/15 MINS, OK. RIG DOWN HOWCO INSTALL FLOWLINE NIPPLE IN ROTATING HD. DRLG W/NO PROBLEMS. LITH: SHALE LT TO MED GRAY.
- 12-20-82 2,223' MADE 117' IN MORRISON FORMATION. MW 9.1, VIS 39. POH F/LOGS. RU SOS. RAN CNL-GR. RD LOGGERS. RIH. REAM 60' TO BTM. HAD 10' FILL. DRLD LOST CIRC @ 2,146'. LOST 52 BBLs. PULLED 3 STDS MIX & PUMP 160 BBLs W/LCM. RIH 3 STDS. DRLG AHEAD, NO PROB.
- 12-21-82 2,431' MADE 208' IN SUMMERVILLE FORMATION. MW 9.2, VIS 42. DRLD, RUN SURV'S. PULLED 6 STNDS INTO CSG. WASH & REAM 20'.
- 12-22-82 2,980' MADE 549' IN ENTRADA FORMATION. MW 9.3, VIS 50. DRLG, NO PROB.
- 12-23-82 3,354' MADE 374' IN ENTRADA FORMATION. MW 9.0, VIS 48. DRLD TO 3,176'. SHORT TRIP TO CSG. TITE @ 2,980', 2,518', 2,481' & 2,202': 30-35,000# DRAG. WASH 30' TO BTM. CIRC & SURV. DRLG AHEAD, NO PROB.
- 12-24-82 3,584' MADE 230' IN ENTRADA FORMATION. MW 9.2, VIS 41. DRLD TO 3,432'. BIT TORQUED. POH. TITE @ 3,252'. HAD 30,000# DRAG. STAB. BALLED. CHG BIT. RIH. REAMED 50' TO BTM. HAD 5' FILL ON BTM. DRLG AHEAD. NO PROB.
- 12-25-82 3,885' MADE 310' IN CARMEL FORMATION. MW 9.2, VIS 36. DRLD TO 3,710'. LOST FULL RETURNS. MIX & PUMP 2 - 80 BBL LCM PILLS. DRLG AHEAD W/NO LOST MUD, NO PROB.
- 12-26-82 4,200' MADE 315' IN CARMEL FORMATION. MW 9.1, VIS 37. DRLD TO 3,984'. MUD SEEPAGE 4,000'-4,200' IS 10 TO 15 BBL/HR.
- 12-27-82 4,411' MADE 211' IN CARMEL FORMATION. MW 9.2, VIS 41. DRLG TO 4,274'. BIT TORQUED. DROP SURV. POH. RIH. CUT DRLG LINE. FIN RIH. GOT FULL RETURNS WHILE PUMPING 2ND PILL.

SOUTH MT. TERRILL #1A-1

12-28-82 4,558' MADE 147' IN CARMEL FORMATION. MW 9.4, VIS 41. CIRC LCM W/FULL RETURNS.  
DRLD 4,411-4,443'. DROP SURV & POH.

12-29-82 4,709' MADE 151' IN CARMEL FORMATION. MW 9.3, VIS 41. DRL TO 4,684'. CIRC &  
SURV. DRL TO 4,709'.

12-30-82 4,808' MADE 99' IN CARMEL FORMATION. MW 9.1, VIS 42. RIH. REAM 15' FILL. DRLD  
4,709-4,713', LOST CIRC. DRLD 3,713-4,715'.

12-31-82 5,027' MADE 219' IN NAVAJO FORMATION. MW 9.4, VIS 40. DRLD TO 4,884'. POH, CHG  
BIT.

1-1-83 5,298' MADE 271' IN NAVAJO FORMATION. MW 9.4, VIS 38. DRLG AHEAD, NO PROB.  
CORRECTION ON NAVAJO TOP @ 4,796'.

1-2-83 5,492' MADE 194' IN NAVAJO FORMATION. MW 9.4, VIS 38. DRLD TO 5,492'. DROP SURV  
& POH. HOLE GOOD SHAPE.

1-3-83 5,680' MADE 188' IN NAVAJO FORMATION. MW 9.4, VIS 45. DRLG AHEAD.

1-4-83 5,859' MADE 179' IN KAYENTA FORMATION. MW 9.5, VIS 45. DRLG AHEAD TO 5,859'.

1-5-83 5,874' MADE 15' IN KAYENTA FORMATION. MW 9.5, VIS 41. DRLD TO 5,874'. CIRC.  
WIPER TRIP. CIRC. POH. SLM. SCHL. LOGGING.

# CONFIDENTIAL

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

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 1-6-83 To: 1-14-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED M E Kaugh / A.G. TITLE Superintendent DATE 1-19-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 1-6-83 5,874' MADE 0' IN KAYENTA FORMATION. MW 9.6, VIS 39. FIN LOGGING W/DIPMETER F/TO TO CSG SHOE. RIH, 3' FILL ON BTM. NO DRAG. SHORT TRIP TO 13-3/8" SHOE. PRESENTLY RUNNING CASING.
- 1-7-83 5,874' MADE 0' IN KAYENTA FORMATION. FIN RUN 10-3/4" CSG. LOST ALL RETURNS W/96 JTS IN HOLE. RAN TOTAL 138 JT. SET SHOE @ 5,869'. UNABLE TO GET RETURNS WHILE ON BTM. RU HOWCO. CMTED W/675 SX LITE W/1/4#/SK FLOCELE MIX TO 12.7 PPG FOLLOWED BY 175 SX CLASS "H" W/1/4#/SK FLOCELE MIX TO 15.8 PPS. DISPL W/5 BBLs WTR & 523 BBLs MUD. CALC TOP OF CMT INSIDE CSG @ 5,665'. CIP @ 6:30 P.M., 1-6-83. FINAL DISPL PRESS 310 PSI. NU WELL HEAD. SET 190,000# ON SLIPS.
- 1-8-83 5,874' MADE 0' IN KAYENTA FORMATION. MW 8.7, VIS 50. LOGGING W/SCHL. TEMP LOG. TOP OF CMT @ 4,292'. TEST BOPE W/YELLOW JACKET. RIH. TAG CMT @ 5,278'. COND MUD TO DRL OUT.
- 1-9-83 6,148' MADE 274' IN KAYENTA FORMATION. MW 9.2, VIS 36. PRESS TEST CSG TO 2500 PSI, HELD OK. DRLD TOP PLUG & CEMENT BTM PLUG & SHOE. DRLD @ 5,879' HAD LEAK OF TEST 11 PPG EMW. DRLG AHEAD W/NO PROBLEMS.
- 1-10-83 6,271' MADE 123' IN WINGATE FORMATION. MW 9.0, VIS 36. BIT NO 15, 9-1/2", SEC, M44N, SER NO. 253169, JETS 3-14, DEPTH IN 5,874', DEPTH OUT 6,270', 396 FEET, 26-1/4 HRS, 15 FT/HR, CONDITION 8/F/I. DRLD TO 6,270'. SURV & POH. STUCK @ 6,097' WHILE RIH. JARRED FREE. PU TO 6,066' REAM TO BTM. DRLG @ 6 A.M.
- 1-11-83 6,492' MADE 221' IN CHINLE FORMATION. MW 9.3, VIS 44. DRLD TO 6,312'. SHORT TRIP TO CSG. WORK TITE HOLE 6,282'-6,162'. RIH, REAM 6,237'-6,312' HOLE GOOD. DRLD TO 6,492'.
- 1-12-83 6,685' MADE 193' IN SHINARUMP FORMATION. MW 9.4, VIS 41. DRLD. CIRC SAMPLES @ 6,651'. DRLD, CIRC SAMPLES @ 6,663'. HAD 20 BRL GAIN BETWEEN 6,651'-6,670'. DRLD TO 6,685'. CIRC F/DST #1. POH, TITE HOLE @ 6,412'.
- 1-13-83 6,685' MADE 0' IN SHINARUMP FORMATION. MW 9.5, VIS 46. BIT NO 16, 9-1/2", HTC, J33, SER NO. PK761, JETS 3-14, DEPTH IN 6,370', DEPTH OUT 6,685', 415 FEET, 38-1/2 HRS, 10.8 FT/HR, CONDITION 2/E/I. BACKREAM TITE HOLE 6,412'-6,387', CAME FREE. POH TO 6,312'. BACKREAM TITE HOLE TO CSG. RIH. HOLE TITE @ 6,402'. REAM 6,402'-6,496'. RIH TO 6,622', WASH & REAM 6,622'-6,685'. CIRC & COND HOLE. SHORT TRIP. PULLED 100,000# OVER 6,401'-6,044'. CIRC @ 6,685'. SHORT TRIP 8 STDS, NO DRAG. CIRC. PREPARE TO POH.
- 1-14-83 6,685' MADE 0' IN SHINARUMP FORMATION. MW 9.3, VIS 42. FIN CIRC. DROP SURV. POH. RU MCCULLOUGH & RUN CSG INSP LOG. RD LOGGERS. RIH, NO DRAG. SHORT TRIP 4 STDS, NO DRAG. HAD 25' FILL. CIRC & COND HOLE. SHORT TRIP 8 STDS. NO DRAG & NO FILL. POH. PU DST TOOLS. RIH FILL W/500' OF AMMONIA. 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

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 1-15-83 To: 1-26-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED ME Krugh TITLE Superintendent DATE 2-14-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 1-15-83 6,800' MADE 115' IN MOENKOPI FORMATION. MW 9.2, VIS 40, WL 9.8. FIN RIH W/DST TOOLS. SET PKRS @ 6,644' & 6,636'. RUN DST #1: IF 15 MIN, ISI 60 MIN, FF 60 MIN, FSI 120 MIN, HAD GOOD BLOW THRU FLOW PERIODS. HAD GAS TO SURF 30 MIN INTO FSI. MEASURED 40-60% CO<sub>2</sub> & WOULD NOT BURN. PULLED 65,000 OVER TO RELEASE PKR. POH 9 STDS INTO CSG. REV OUT. RECOVERED AMMONIA CUSHION & 3 BBLs FORM WTR W/28,000 PPM Cl. FIN POH. LD DST TOOLS. PU BHA. RIH WASH 40' TO BTM. HAD 10' FILL. CBU. SHORT TRIP 8 STDS, NO DRAG. PRESENTLY DRLG AHEAD @ 17'/HR. TOP OF MOENKOPI @ 6,707'. DST CHART: IF 192#, ISI 1,000#, FF 247-357#, FSI 1,000#, BHT 134°.
- 1-16-83 6,985' MADE 185' IN MOENKOPI FORMATION. MW 9.2, VIS 44, WL 6.5. DRLD TO 6,843'. SHORT TRIP 11 STDS. PULLED 75,000# OVER. NO FILL. DRLD TO 6,874'. PUMP PRESS INC TO 5,000#. PARTED MUD LINE. STUCK PIPE. PULLED 75,000 OVER - CAME FREE. SHORT TRIP TO CSG. REPAIR PUMP #1. RIH. DRLD TO 6,919'. HOLE TITE. PUMP PRESS INC TO 3,000#. DRLD TO 6,960', LOST ALL RETURNS. SHORT TRIP TO CSG. MIX LCM PILL. RIH TO 6,930' W/NO DRAG. PUMP 2 - 80 BBL PILLS W/25% LCM. GOT FULL RETURNS ON 2ND PILL. DRLG AHEAD W/NO PROB.
- 1-17-83 7,232' MADE 247' IN MOENKOPI FORMATION. MW 9.2, VIS 41, WL 8.5. DRLD TO 7,058'. SHORT TRIP 12 STDS. HOLE GOOD. LOST 50% RETURNS BACK ON BTM. BUILD VOL. DRLG AHEAD @ 7,232', NO PROB. PRESENTLY LOSING NO MUD.
- 1-18-83 7,310' MADE 78' IN MOENKOPI FORMATION. MW 9.2, VIS 46, WL 6.8. BIT NO 17, 9-1/2", SEC, S84F, SER NO. 144299, JETS 13/16/16, DEPTH IN 6,685', DEPTH OUT 7,310', 625 FEET, 47-3/4 HRS, 13 FT/HR. CONDITION 2/E/I. 7,300'. CIRC. SHORT TRIP, NO DRAG. CIRC. POH. SCHL RAN BHC/SONIC/GR LOG 7,300'. DRLD TO 7,310'.
- 1-19-83 7,347' MADE 37' IN MOENKOPI FORMATION. MW 9.0, VIS 45, WL 4.2. FIN POH. SLM 7,326'. DRILLER'S 7,310'. MADE 16' CORRECTION. PU CORE BBL & RIH. CORE 7,326'-7,336'. JAMMED CORE BBL & POH. HAD 7' RECOVERY OF SILTSTONE & SHALE. RIH. WASHED TO BTM, TO FILL.
- 1-20-83 7,405' MADE 58' IN MOENKOPI FORMATION. MW 9.1, VIS 43, WL 4.0. REMARKS: CORE 7,347'-7,396'. POH. LD CORE, REC 60'. PU BHA & RIH. WASH & REAM 91' TO BTM (-5' CORRECTION). DRLD 7,391'-7,405', NO PROB. CORE REC: 60' OF DARK, RED, BRN SILTSTONE & SHALE. LOG TOPS: WINGATE 6,062', CHINLE 6,275', SHINARUMP 6,645', MOENKOPI 6,717'.
- 1-21-83 7,623' MADE 218' IN SINBAD FORMATION. MW 9.2, VIS 47, WL 4. DRLD TO 7,452', TITE CONN. PULLED 60,000# OVER. CIRC SAMPLE @ 7,498'. DRLD TO 7,515', TITE CONN. PULLED 60,000# OVER. DRLD TO 7,623', NO PROB. MIX & PUMP 4 - 80 BBL 120 VIS PILLS TO CLEAN HOLE WHILE DRLG.
- 1-22-83 7,760' MADE 137' IN KAIBAB FORMATION. MW 9.3, VIS 42, WL 52. DRLD 7,640', NO PROB. SHORT TRIP TO 10-3/4" CSG, HOLE GOOD. WASH 45' O BTM, NO FILL. DRLD TO 7,659' CIRC SAMPLES. DRLD TO 7,725' CIRC. DRLD TO 7,730', CIRC. DRLD 7,730'-7,760' & CIRC SAMPLES EVERY 10', NO PROB.
- 1-23-83 7,767' MADE 7' IN KAIBAB FORMATION. DEV DEPTH 7,762' INC 3/4°. DRLD TO 7,762'. CIRC, SURV & POH. SLM 7,762', NO CORRECTION. RIH F/CORE #3. CORED 7,762'-7,767' & JAMMED BBL. REC 3' OF GRAY DOLO.
- 1-24-83 7,789' MADE 22' IN KAIBAB FORMATION. MW 9.1, VIS 42, WL 6. CORE 7,767'-7,779'. POH W/CORE #4. HOLE TITE @ 7,395' & 7,125'. LD CORE. REC 11' OF GRAY DOLO. RIH F/CORE #5. CORED #5 F/7,779'-7,789'. POH W/CORE #5. REC 10' GRAY DOLO, NO SHOWS.

SOUTH MT. TERRILL #1A-1

1-25-83 7,802' MADE 13' IN KAIBAB FORMATION. MW 9.2, VIS 43, WL 5.8. LD CORE BBL, RIH, DRLD 7789-7790'. CIRC SAMPLES. POH. PU CORE BBL & RIH R/CORE #6. CORE 7,790'-7,802'. BBL JAMMED. POH. REC 12' GRAY DOLOMITE.

1-26-83 7,827' MADE 25' IN KAIBAB FORMATION. MW 9.1, VIS 44, WL 3.2. CORE 7,802'-7,817' POH. REC 13-1/2' GRAY DOLOMITE. DRLD 7,817'-7,827'. CIRC SAMPLES.

# CONFIDENTIAL

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

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: 1,369.18' FNL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

MAR 9 1983  
DIVISION OF  
GAS & OIL

(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

From: 1-27-83 To: 2-17-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED MS. Kugh TITLE Superintendent DATE 2-25-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 3-2-83 8,462' MADE 33' IN TOROWEAP FORMATION. MW 9.0, VIS 53, WL 5.9. DRLD TO 8,448'.  
CIRC BU & RUN SURV @ 8,416', POH TITE @ 8,148'. POH. LD BHA. RIJ  
DIRECTIONAL SURV. RIH. CIRC. REAM NEW HOLE.
- 3-3-83 8,483' MADE 21' IN TOROWEAP FORMATION. MW 9.0, VIS 50, WL 6.4. DRLD TO 8,472'.  
SURV DRLD TO 8,483'. POH.
- 3-4-83 8,518' MADE 35' IN TOROWEAP FORMATION. MW 9.1, VIS 52, WL 6.2. FIN POH. RIH, WASH  
& REAM 5'. DRLD TO 8,494'. SURV. PULLED TO 8,489', REAM KICKOFF @ 8,494'.  
SURV. POH. PRESENT.

CONFIDENTIAL

SOUTH MT. TERRILL #1A-1

- 1-27-83 7,827' MADE 0' IN KAIBAB FORMATION. MW 9.1, VIS 43. CIRC & COND HOLE. SHORT TRIP TO CSG SHOE. POH, PU DST TOOLS. FULL 470' OF AMMONIUM HYDROXIDE.
- 1-28-83 7,838' MADE 11' IN KAIBAB FORMATION. MW 9.1, VIS 48. FIN RIH W/DST #2. RAN DST #2. IF-15 MIN ISI-1 HR, FF-2 HR, FSI-2 HR, MODERATE BLOW DURING IF & ISI. STRONG BLOW DURING FF W/17-1/2 PSI ON SURFACE, TESTED AS CO2 DURING FSI. RELEASED PKR & POH. REC 470' AMMONIA CUSHION & 187' MUDDY WATER IN DRILLSTRING. REC MUDDY WATER IN SAMPLE CHAMBER. TEST PRESSURES: IHP-3,988; IF 199-241.4; ISI-1,392.8, FF 119.4-198.0; FSI-1,418.9; FHP-3,961, BHT-144°. PU CORE BBL & RIH. CORING @ 7,838'.
- 1-29-83 7,843' MADE 5' IN KAIBAB FORMATION. MW 9.1, VIS 47. BIT NO COREHEAD #1 RR, 9-1/2", CHRIST, MC301 3W8669, JETS TFA.40, DEPTH IN 7,827, DEPTH OUT 7,843, FEET 16, HRS RUN 8-1/2, FT/HR 1.8, CONDITION GOOD, REMARKS: PULLED. CORED TO 7,843', LOST CIRC, MIX & PUMP 2 80 BBL LCM PILLS. REGAIN FULL CIRC POH W/CORE #8. RECOVERED 16-1/2' OF CORE. WHITE TO GRAY DOLOMITE. PU DRLG BHA RIH. CIRC F/DST #3. LOST CIRC PUMP 1-80 BBL PILL. POH F/DST TOOLS. CORE #8: WHITE TO GRAY DOLOMITE W/ IMBEDDED CHERT. EXTENSIVE OIL STAIN, FRACTURES & VUGGY W/CRYSELIN POROSITY.
- 1-30-83 7,843' MADE 0' IN KAIBAB FORMATION. MW 9.1, VIS 44. CIRC & COND HOLE F/DST #3. POH. PU DST TOOLS. RIH F/DST #3.
- 1-31-83 7,843' MADE 0' IN KAIBAB FORMATION. MW 9.1, VIS 41. RIH W/DST #3. SET BTM PKR @ 7,832'. IF-30 MIN, ISI-60 MIN, FF-120 MIN, FSI-380 MIN, NO BLOW UNTIL 30 MIN INTO FF. WEAK BLOW THROUGHT FF. POH TO FLUID. 532' TOTAL FLUID IN PIPE. 72' AMMONIA CUSHION THEN 320' OIL & GAS CUT WATER, THEN 85' HIGHLY OIL & GAS CUT MUD, THEN 55' HIGHLY OIL CUT WATER. GAS TESTED AS CO2. LD DST TOOLS. TOP CHART: IHP-3707.5, IF 55-107.9, ISI-1391.2, FF 124.3-236.2, FSI-1385.1, FHP-3707.5: BTM CHART IHP-3740.3, IF 62.4-124.8, ISI-1410.4, FF 145.6-249.5, FSI-1410.4, FHP-3719.6, BHI-144°. SAMPLE CHAMBER FILLED W/WATER @ 31,000 PPM. PU CORE BBL & RIH.
- 2-1-83 7,863' MADE 20' IN KAIBAB FORMATION. MW 9.1, VIS 45. FIN RIH W/CORE BBL. CORE TO 7,852', LOST ALL RETURNS. MIX & PMP 2 80 BBL LCM PILLS @ 10% LCM & REGAIN CIRC. CORED TO 7,854' & BBL JAMMED. POH. LD CORE #9. REC 9' LIMEY DOLO. LD CORE BBL. PU DRLG BHA & RIH. POH LD DRLG BHA. PU CORE BBL & RIH F/CORE #10. CORED TO 7,863'. CORING AHEAD.
- 2-2-83 7,864' MADE 1' IN KAIBAB FORMATION. MW 9.0, VIS 45. BIT NO COREHD #1RR, 9-1/2", CHRIST, MC201, 3W8669, SER NO RD, JETS TFA-40, DEPTH IN 7,854', DEPTH OUT 7,864', FEET 10, HRS RUN 2-3/4, FT/HR 4, COND FAIR. POH & LD CORE #10. REC 6-1/2' LIMEY DOLOMITE. PU DRLG BHA. REAM 69' TO BTM. LOST 85 BBLs. POH. PU DST TOOLS. RIH TO BTM W/DST #4. CORE DESCRIPTION: 7,854.5'-55.5' WHITE DOLO, OIL ON FRACS, FAIR PROOS; 55.5'-58.5' LIMEY DOLO, GOOD POROS, ABUNDNAT OIL STAIN: 58.5'-60.5' DOLO & LIMESTOME; 60.5'-61.1' LIMEY DOLO, GOOD POROS, ABUNDANT OIL ON FRACS.

SOUTH MT. TERRILL #1A-1

- 2-3-83 7,916' MADE 52' IN KAIBAB FORMATION. MW 8.9, VIS 44. FIN W/DST #4. IF-15 MIN, ISI-60 MIN, FF-120 MIN, FSI 240 MIN. GOOD BLOW ON IF, FAIR BLOW ON FF, NO GAS TO SURF. REL PKR. REC 1,590' FLUID: 180' MUD & AMMONIA CUSH W/SLIGHT CUT OF OIL & GAS, THEN 90' OF OIL & WATER CUT MUD, THEN 90' OF MUD & GAS CUT WATER, THEN 780' OF GAS CUT WATER W/ 10% CO2, THEN 180' OF GAS 5-10% CO2, THEN 90' OF MUD CUT WATER, THEN 90' OF GAS, THEN 90' GAS CUT MUD W/SAND. TOP CHART: IHP-3,667', IF 212-411, ISI-1,515', FF 411-730', FSI-1,408', FHP-3,654', BHT-138°. SAMPLE CHAMBER-2,100 CC FLUID SENT TO BE ANALYZED. RIH W/DRLG ASSY DRLG @ 7,916'.
- 2-4-83 8,059' MADE 143' IN TOROWEAP FORMATION. MW 9.0, VIS 43. DRLD TO 7,956'. LOST 95 BBLS MUD. MIX AND PUMP 80 BBL LCM PILL, GOT FULL RETURNS. DRLD TO 7,981'. LOST 70 BBLS MUD. CBU. MIX AND PUMP 80 BBLS LCM PILL. SHORT TRIP 10 STDS-NO DRAG. PRESENTLY DRLG AHEAD 12 MIN/FT.
- 2-5-83 8,059' MADE 83' IN COCONINO FORMATION. MW 9.0, VIS 40. DRLD TO 8,114'. SHORT TRIP TO 10 STDS. DRLD TO 8,142'. LOST PARTIAL RETURNS. MIX AND PUMP 80 BBLS LCM PILL, GOT FULL RETURNS. SHORT TRIP 24 STDS. PRESENTLY CIRC AND COND HOLE FOR LOGS. TOROWEAP TOP @ 7,950'.
- 2-6-83 8,142' MADE 0' IN COCONINO FORMATION. MW 9.0, VIS 40. SHORT TRIP 10 STDS. NO DRAG. POH. RU SCHLUMBERGER. RUN #1: MICRO SFC, SP, DLL. RUN #2: LITHO DENSITY, CNC, GR. RUN #3: BHC-SONIC, GR. ATTEMPTED TO RUN FRACTURE IDENTIFICATION LOG, DIPMETER-TOOL MALFUNCTIONED. TEST BOPE.
- 2-7-83 8,163' MADE 21' IN TOROWEAP FORMATION. MW 9.0, VIS 41. BIT NO 19RR, 9-1/2", STC, F2, SER NO CN8039, JETS 3-14, DEPTH IN 7,864', DEPTH OUT 8,142, FEET 288, HRS RUN 39-3/4, FT/HR 7.2, COND 5/F/16, REMARKS: BUTTONS WORN FLAT. FIN TEST BOPE. RIH. REAM 8,100'-8,142'. CIRC. POH. RU SCHL. RAN FRAC IDEN LOG & DIPMETER F/TD TO CSG. RIH. DRLG AHEAD. LOG TOPS: SINBAB-7,515', LOWER MOENKAPI-7,670', KAIBAB-7,748', TOROWEAP-8,025'.
- 2-8-83 8,285' MADE 122' IN TOROWEAP FORMATION. MW 8.9, VIS 44. DRLG AHEAD, NO PROBLEM.
- 2-9-83 8,401' MADE 116' IN TOROWEAP FORMATION. MW 8.9, VIS 42. DRLD TO 8,304'. SHORT TRIP 10 STDS. DRLG AHEAD, NO PROBLEM.
- 2-10-83 8,401' MADE 0' IN TOROWEAP FORMATION. MW 8.9, VIS 45. BIT NO 20, 9-1/2", STC, F3, SER NO CL8762, JETS 3-14, DEPTH IN 8,142', DEPTH OUT 8,401, FEET 259, HRS RUN 50, FT/HR 5.2, COND 8 E 1/8, REMARKS: BROKEN & WORN TEETH. CIRC SHORT TRIP TO CSG. CIRC F/DST. POH. PU DST #5. RIH TO 8,224'. HOLE TITE TO 8,255'. PULL 75,000# OVER STRING WT. WORK OUT OF TITE HOLE POH.
- 2-11-83 8,401' MADE 0' IN TOROWEAP FORMATION. MW 9.0, VIS 43. POH. LD DST. PU BHA. RIH. PU KELLY & REAM F/8,088'-8,341'.

SOUTH MT. TERRILL #1A-1

- 2-12-83 8,529' MADE 128' IN TOROWEAP FORMATION. MW 9.0, VIS 46. REAM 8,341'-8,401'. SHORT TRIP 6 STDS. DRLD 8,401'-8,529'.
- 2-13-83 8,630' MADE 101' IN TOROWEAP FORMATION. MW 9.2, VIS 55. DRLD TO 8,566'. SHORT TRIP TO CSG SHOE. RIH. DRLG AHEAD.
- 2-14-83 8,721' MADE 91' HER MOSA FORMATION. MW 9.1, VIS 55. DRLD TO 8,721'. HERMOSA TOP @ 8,580'.
- 2-15-83 8,850' MADE 129' IN HERMOSA FORMATION. MW 9.2, VIS 50. BIT NO 21, 9-1/2", REED, FP62, SER NO 890268, JETS 3-14, DEPTH IN 8,401', DEPTH OUT 8,723', FEET 322, HRS RUN 61-1/2, FT/HR 5.3, CONDITION 4 E 1/8. DRLD TO 8,723'. POH. 1ST 6 STDS HAD 40-50,000# DRAG. CHG BITS. RIH. WASH & REAMED F/8,660'-8,723'.
- 2-16-83 8,955' MADE 105' IN HERMOSA FORMATION. MW 8.8, VIS 58. DRLD TO 8,948'. LOST CIRC. MIX 80 BBL PILL, GOT FULL RETURNS. MIX & PUMP 2ND 80 BBL PILL, DRLG AHEAD TO 8,955'. LOST CIRC & STUCK PIPE IMMEDIATELY WHILE DRLG. BIT WT DROPPED INSTANTLY F/40,000# TO 20,000# AS PUMP PRESS DROPPED F/1,750# TO 0 PSI. WORK & JARRED ON STUCK PIPE. JARS QUIT WORKING AT MIDNITE. LOST TOTAL OF 1,060 BBLs MUD & LCM. WO DIALOG FREE PT TRUCK. SHOW: 8,800'-8,900' NO GAS INC FLUOR IN SAMPLES.
- 2-17-83 8,955' MADE 0' IN HERMOSA FORMATION. MW 8.8, VIS 53. WORK STUCK PIPE @ 8,955'. RU & RAN DIALOG FREE PT. FREE @ 8,800' TOP OF JARS. BACKOFF @ 8,740'. POH. REC 15 DC'S. PU BHA. RIH TO 5,867'. FILLED HOLE W/276 BBLs MUD & GOT FULL RET. 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

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: 1,369.18' FHL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 2-18-83 To: 3-4-83

**CONFIDENTIAL**

**RECEIVED**  
MAR 10 1983

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ **DIVISION OF Ft. GAS & MINING**

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED W.E. Kugh TITLE Superintendent DATE 3-7-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 2-18-83 8,934' MADE SLM-21' (CORRECTION) IN HERMOSA FORMATION. MW 8.9, VIS 49, WL 7.0. STUCK. REAM TO TOP OF FISH @ 8,718'. POH. PU WP RIH. WASH OVER FISH 8,718'-8,802', POH.
- 2-19-83 8,934' MW 8.8, VIS 66, WL 6.0. RIH W/OS. PMP MUD W/NO RETURNS. MIX 80 BBL PILL 30-50% LCM. PMPD 240 BBLs TO GET RETURNS. FULL RETURNS. RIH. LATCH ONTO FISH RIG DIALOG RUNNING WL CORE BBL 8,718'-8,748'.
- 2-20-83 8,934' MW 8.8, VIS 50, WL 6.5. RUN DIALOG CORE BBL, CLEAN OUT TO 8,769'. RIH W/FREE PT, COULD NOT GET INTO TOP OF FISH, POH, RIG DOWN DIALOG. RELEASED OS POH, PU WASH PIPE & RIH. WASH OVER FISH 8,718'-8,802', CIRC. POH.
- 2-21-83 8,934' MW 8.9, VIS 50, WL 6.4. PU OS & RIH LATCH ONTO FISH @ 8,718'. RIG DIALOG & RUN IN HYDRAULIC WASH OUT TOOL. CLEANING OUT 8,718' TO 8,720', POH W/WL LEFT SIDING SLEEVE & JET NOZZLE IN HOLE. RIH & RETR SLEEVE ON SPUD BAR. RIH FISH F/JET. POH SLOW.
- 2-22-83 8,934' MADE 0' IN HERMOSA FORMATION. POH W/WL SPEAR. MISSING SPEAR. RIH W/OS. POH W/OS & NO FISH. RIH W/HYDRAULIC WASHOUT TOOL. PMP MUD W/HOWCO. COULD NOT WASH OUT ANY FILL. RD DIALOG & HOWCO. ATTEMPT TO RELEASE FISH @ OS. JARRED & WORK FISH. BOTH FISHING & DRLG JARS ARE WORKING. ATTEMPT TO RELEASE FISH.
- 2-23-83 8,934' MW 8.9, VIS 51, WL 7.0. CIRC W/OS. JAR ON FISH. RU DIALOG W/STRING SHOT & FIRE @ OS TO RELEASE OS, 3 ATTEMPTS, NO SUCCESS. JAR ON FISH. RIH W/STRING SHOT & BACKOFF @ CIRC SURFACE. JAR ON FISH. TOP OF FISH @ 8,715'. RD DIALOG & POH. LD FISH @ 6:00 AM FOR CONDITIONING RUN TO LOG.
- 2-24-82 8,934' MW 8.9, VIS 51. CIRC. POH F/LOGS. RU SCHL & RUN BHC/SONIC W/GR & CALIPER F/8,685'-8,100'. RAN LITHO DENSITY W/CNL & GR F/685'-8,100'. 3RD RUN WAS DIL W/MSFL & GR F/8,685'-8,100'. RD LOGGER. RIH W/BIT. CIRC.
- 2-25-83 8,934' MW 8.9, WL 6.1. SHORT TRIP 20 STDS. PU HOWCO PLUG CATCHER & 20 STDS 3-1/2" DP. RIH, CIRC. BATCH MIX 270 SX CLASS H CMT. CALC CMT PLUG KAID 8,297'-8,697'. POH. RIH W/BHA.
- 2-26-83 8,934' MW 8.9, VIS 47, WL 6.6. WOC. RIH @ 8,250'. DRLD SOFT CMT W/HARD STRINGERS TO 8,297'.
- 2-27-83 8,386' MADE 25' IN TOROWEAP FORMATION. MW 8.9, VIS 53, WL 6.9. WOC. DRLD FIRM CMT 8,297'-8,340'. DRLD HARD CMT 8,340'-8,361'. POH. PU DIAMOND BIT, NAVIDRILL, 1-1/2° BENT SUB. PRESENTLY SIDETRACKING.
- 2-28-83 8,413' MADE 27' IN TOROWEAP FORMATION. MW 9.0, VIS 53. DRLD 8,386'-8,398' SURV. DRLD TO 8,413'.
- 3-1-83 8,429' MADE 16' IN TOROWEAP FORMATION. MW 9.1, VIS 51, WL 6.5. DRLD TO 8,418'. SURV. POH. DRLD TO 8,429'. DRLG AHEAD 10 MIN/FT. NO PROBLEM. TRIP GAS: 3 U.

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

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

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

REQUEST FOR APPROVAL TO:

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

(other) Please See Below

SUBSEQUENT REPORT OF:

- 
- 
- 
- 
- 
- 
- 
- 
- 
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(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

From: 3-5-83 to: 3-17-83

**CONFIDENTIAL**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED ME. Kough TITLE Superintendent DATE 3-18-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 3-5-83 8,539' MADE 21' IN TOROWEAP FORMATION. MW 9.0, VIS 50. DRLD TO 8,529' & WORK DIAMOND BIT INTO WALL. DRLD TO 8,539'. SURV. POH F/DIAMOND BIT #3.
- 3-6-83 8,572' MADE 33' IN TOROWEAP FORMATION. MW 9.0, VIS 52. RIH W/DIAMOND BIT #3. DRLD 8,539'-8,570'. SURV POH. PU 2° BENT SUB. RIH. DRLG.
- 3-7-83 8,603' MADE 31' IN HERMOSA FORMATION. MW 9.0, VIS 51. DRLD TO 8,603'. PRESENTLY DRLG AHEAD.
- 3-8-83 8,635' MADE 32' IN HERMOSA FORMATION. MW 9.0, VIS 54. SIDETRACKING 8,603'-8,615' & SURV. SIDETRACK & SURV @ 8,635'. POH. PU BHA. RIH.
- 3-9-83 8,681' MADE 46' IN HERMOSA FORMATION. MW 8.9, VIS 54. REAM 8,444'-8,635'. DRLG AHEAD.
- 3-10-83 8,883' MADE 202' IN HERMOSA FORMATION. MW 9.0, VIS 51. DRLG W/NO PROBLEMS.
- 3-11-83 8,908' MADE 25' IN HERMOSA FORMATION. MW 9.0, VIS 59. BIT #25, 9-1/2", SEC, TYPE S-84, SER #114213, JETS 3-16'S. DEPTH IN 8,635', DEPTH OUT 8,899', FEET 264, HRS RUN 44-3/4, FT/HR 5.9, CONDITION 8 E 1/4. DRLD TO 8,899'. DROP SURV POH. RIH TO 8,611', REAM 8,444'-8,899'. DRLG W/NO PROBLEMS. BGG: 2 U.
- 3-12-83 8,960' MADE 61' IN HERMOSA FORMATION. MW 9.3, VIS 64. DRLG AHEAD @ 8,960'.
- 3-13-83 9,024' MADE 64' IN HERMOSA FORMATION. MW 9.2, VIS 76. BIT #RR 23, 9-1/2", HTC, TYPE J33, SER #PD764, JETS OPEN, DEPTH IN 8,899', DEPTH OUT 8,984', FEET 85', HRS RUN 21-1/4, FT/HR 4, CONDITION 4 E I, REMARKS: DRLD 8,960'-8,984'. DROP SURV. POH. RIH. DRLG AHEAD.
- 3-14-83 9,192' MADE 168' IN HERMOSA FORMATION. MW 9.1, VIS 69. DRLD 9,024'-9,192', NO PROBLEM.
- 3-15-83 9,380' MADE 188' IN REDWALL FORMATION. MW 9.0, VIS 59. 9,192'-9,252', SHORT TRIP. DRLD 9,252'-9,380'.
- 3-16-83 9,573' MADE 193' IN REDWALL FORMATION. MW 9.0, VIS 51. DRLD 9,380'-9,427'. SHORT TRIP. DRLD 9,427'-9,573'.
- 3-17-83 9,740' MADE 167' IN REDWALL FORMATION. MW 9.0, VIS 55. DRLD TO 9,676. SHORT TRIP DRLG AHEAD.

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

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

REQUEST FOR APPROVAL TO:

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

(other) Please See Below

SUBSEQUENT REPORT

RECEIVED

MAR 31 1983

(NO Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF  
OIL, GAS & MINING

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.)\*

The above captioned well was originally permitted to a depth of 11,000'. We request to drill to a depth of 11,200', or 200' into the Cambrian Formation, whichever occurs first.

Verbal approval was granted by Mr. Bill Martens, BLM O&G, Salt Lake City, to Walt West, MOC, March 24, 1983.

CONFIDENTIAL

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct District  
SIGNED Dale T. Caddy TITLE Operations Manager DATE March 28, 1983

(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**

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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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

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

(other) Please See Below

SUBSEQUENT REPORT OF

- 
- 
- 
- 
- 
- 
- 
- 

RECEIVED  
APR 14 1983

DIVISION OF  
OIL, GAS & MINING

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 3-8-83 to 3-30-83

**CONFIDENTIAL**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED W. E. Kaugh/A.G. TITLE Superintendent DATE 4-7-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 3-18-83 9,811' MADE 71' IN REDWALL FORMATION. MW 9.0, VIS 47. BIT #26, SIZE 9-1/2", MFG REED, TYPE HPSM, SER #A17858, JETS 3-16, DEPTH IN 8,984', DEPTH OUT 9,758', FEET 774, HRS RUN 99-3/4, FT/HR 7.8, CONDITION 6 E 1/16. DRLD TO 9,758'. POH. RIH W/BIT #27. DRLD TO 9,811'.
- 3-19-83 9,964' MADE 153' IN REDWALL FORMATION. MW 9.1, VIS 50. BIT #27, SIZE 9-1/2", MFG REED, TYPE HPSM, SER #A13587, JETS 3-14, DEPTH IN 9,758', DEPTH OUT 9,822', FEET 64, HRS RUN 6-1/2, FT/HR 9.8, CONDITION 4 E I. DRLD TO 9,822'. POH. RIH W/BIT #28. DRLG AHEAD.
- 3-20-83 10,104' MADE 140' IN REDWALL FORMATION. MW 9.0, VIS 46. DRLD TO 10,051'. SHORT TRIP. DRLD TO 10,087'. LOST ALL RETURNS. MIX 80 BBLS 20-25% PILL. PMP PILL AND HAD FULL RETURNS. DRLD TO 10,104'. LOST 250 BBLS WHILE DRLG. PMP 160 BBLS 20% LCM PILL. POH TO CSG SHOE. MIX MUD. PRESENTLY RIH.
- 3-21-83 10,349' MADE 245' IN DEVONIAN FORMATION. MW 9.0, VIS 60. FIN RIH. DRLG 4 TO 6 MINS/FT.
- 3-22-83 10,467' MADE 118' IN ELBERT FORMATION. MW 8.8, VIS 50. BIT #28, SIZE 9-1/2", MFG HTC, TYPE J55R, SER #JA017, JETS 3-14, DEPTH IN 9,822', DEPTH OUT 10,467', FEET 645, HRS RUN 54-1/4, FT/HR 12, CONDITION 7 E I. DRLD TO 10,425'. SHORT TRIP. DRLD TO 10,467'. POH. RIH TO 10,257'. REAMING TO BTM.
- 3-23-83 10,660' MADE 193' IN ELBERT FORMATION. MW 8.9, VIS 58. DRLG AHEAD, NO PROBLEM.
- 3-24-83 10,835' MADE 175' IN ELBERT FORMATION. MW 9.1, VIS 52. DRLD 10,660'-835'.
- 3-25-83 10,923' MADE 88' IN ELBERT FORMATION. MW 9.0, VIS 51. BIT #29, SIZE 9-1/2", MFG HTC, TYPE J55R, SER #ZA697, JETS 3-16, DEPTH IN 10,467', DEPTH OUT 10,887', FEET 420, HRS RUN 55-1/2, FT/HR 7.6, CONDITION 8 E 1/16. DRLD 10,835'-10,887'. POH. CHG BITS & RIH. DRLD 10,877'-10,923'.
- 3-26-83 11,000' MADE 77' IN LYNCH/MAXFIELD FORMATION. MW 9.0, VIS 46. BIT #30, SIZE 9-1/2", MFG STC, TYPE F5, SER #CA9991, JETS 3-16, DEPTH IN 10,887', DEPTH OUT 11,000', FEET 113, HRS RUN 18-1/4, FT/HR 6.19, CONDITION 2 E I. DRLD 10,923'-11,000'. SHORT TRIP. CIRC & POH. RU SCHL & LOGGING. LOGGERS TD @ 10,988. LOGS RUN DLL-MSFL.
- 3-27-83 11,000' MADE 0' IN LYNCH/MAXFIELD FORMATION. MW 9.0, VIS 46. SCHL LOGGING. LOGS RUN BHC-SONIC, CNL-LDT, & NGT.
- 3-28-83 11,000' MADE 0' IN LYNCH/MAXFIELD FORMATION. MW 9.0, VIS 40. LOG RUN FIL-HDT 10,986'-5,869'. RD SCHLUM. RIH. CIRC. POH.
- 3-29-83 11,000' MADE 0' IN LYNCH/MAXFIELD FORMATION. POH RIG SCHLUM. RAN BIRDWELL VSP LOG.
- 3-30-83 11,000' MADE 0' IN LYNCH/MAXFIELD FORMATION. MW 9.0, VIS 51. RUN BIRDWELL LOG (VSP). RUN CSG INSP LOG. RUN EASTMAN GYRO. PU BHA & RIH. CIRC & DROP MULTI SHOT SURVEY. POH.

CONFIDENTIAL

# CONFIDENTIAL

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

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: 1,369.18' FNL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 3-31-83 To: 4-4-83

## CONFIDENTIAL

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED M.E. Kugh TITLE Superintendent DATE 4-21-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 3-31-83 11,000' MADE 0' IN LYNCH/MAXFIELD FORMATION. POH W/MULTISHOT. RIH. CIRC & COND HOLE. POH. RIH W/OEDP TO 9,800'. RU DOWELL. SET CMT PLUG 9,800' TO 9,500' W/200 SX CLASS B CMT +0.3% D-13 RETARDER. CIP @ 12:45 A.M. ON 3/31/83. POH.
- 4-1-83 11,000' MADE 0' IN REDWALL FORMATION. MW 8.9. WOC. RIH. TAG CMT @ 9,390'. DRLD CMT TO 9,500'. CIRC.
- 4-2-83 11,000' MADE 0' IN REDWALL FORMATION. MW 8.9, VIS 45, WL 12. FIN CIRC. SHORT TRIP. HOLE GOOD, CIRC, COND HOLE F/CSG. POH. LD DP. RUN 7" 26# SS-95 CSG. 1ST STAGE: CEMENTED CSG W/432 SKS OF 50/50 POZ MIX W/2% D-20, 10% D-44, 5 LB/SK, ~~D-42, .3% D-13, .2% D-46, 2ND STAGE~~ CEMENTED CSG W/401 SACKS OF 50/50 POZMIX W/2% D-20, 10% D-44, 5 LB/SK.
- 4-3-83 11,000' MADE 0' IN REDWALL FORMATION. FINISH RUNNING 7", 26# SS-95 LT&C CSG, TOTAL OF 219 JTS, LAND SHOE @ 9,492' W/STAGE CLR @ 8,106'. BUMP. CLOSED DV TOOL W/2,000 PSI. HAD GOOD RETURNS WHILE CMTING. SET SLIPS W/181,000#. NIPPLE DOWN.
- 4-4-83 11,000' ND BOPE. NIPPLE UP TBG HD. RIG RELEASED @ 12:00 MIDNIGHT 4/3/83.

CONFIDENTIAL

Dust

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

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: 1,369.18' FINL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

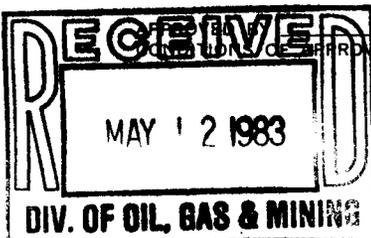
From: 4-5-83 To: 5-9-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED C.H. Guthrie TITLE Superintendent DATE 5-9-83

(This space for Federal or State office use)

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



SOUTH MT. TERRILL #1A-1

4-5-83/

5-9-83 WAITING ON WEATHER & ROADS TO DRY UP BEFORE MOVING COMPLETION RIG ON.

**CONFIDENTIAL**

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

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: 1,369.18' FHL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 5-10-83 To: 5-19-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED Gary A. Newberry TITLE Superintendent DATE 5-19-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

5-10-83/

5-19-83 WAITING ON WEATHER & ROADS TO DRY UP BEFORE MOVING COMPLETION RIG ON.

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

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: 1,369.18' FNL & 2,799.55' FEL  
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-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

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South Mount Terrill

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1A-1

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Section 1, T26S, R3E

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Sevier

13. STATE  
Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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

From: 5-20-83 To: 6-9-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED Guy R. Newberry TITLE Superintendent DATE 6-13-83  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH TERRILL #1A-1

5-20-83/

- 6-1-83 WAITING ON WEATHER & ROADS TO DRY UP BEFORE MOVING COMPLETION RIG ON.
- 6-2-83 11,000' P/BTD 9,500' IN REDWALL FORMATION. RU, INSTALL BOPE. UNLOAD 9,800' OF 2-7/8" TBG. SDFN.
- 6-3-83 11,000' P/BTD 9,500' IN REDWALL FORMATION. COMPLETION FLUID TYPE 400, BIT #1, DEPTH IN 8,075', DEPTH OUT 8,108', DRLD STAGE CLR. P/U BIT. RIH W/BHA & TBG, TALLY TBG & TAG CMT @ 8,075'. DRLD CMT & STAGE CLR TYO 8,108', RIH TO 9,400', TAG FIT CLR & SWIFN.
- 6-4-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. DISPLACE HOLE W/2% KCL @ 9,400'. POH. RIG SCHLUMBERGER & RUN BOND LOG, GR-CCL-TT-VDL W/WAVE TRAIN & CLR LOCATOR. HAD GOOD BOND OVER MOST OF LOG. RAN 1ST PASS 400' W/NO PRESSURE, BOND NO GOOD. BOND OVER MOST OF LOG. R/D LOGGERS. RIH W/BHA. L/D BHA. SDFN.
- 6-5-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. TEST BLIND RAMS & CSG TO 3,000 PSI F/15 MINS O.K. P/U BHA & RIH. SCRAPE CSG TO 9,350'. CIRC HOLE CLEAN W/KCL. TEST PIPE RAMS TO 3,000 PSI O.K. PULL TBG TO 9,280', SPOT 5 BBLS ACETIC ACID W/2% INHIBITOR. PULL TBG TO 4,000'. BLOW HOLE DRY W/N2. POH. RIG SCHLUMBERGER & PERF 9,246'-9,276' W/4" CSG GUN, 4 JSPF 22 GRAMS PER SHOT. HAD NO BLOW ON CSG AFTER PERFORATING. P/U BAKER RETR-A-MATIC PKR & RIH.
- 6-6-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. FINISH RIH. SET PKR @ 9,199' KB W/SN @ 9,168' KB. RIG TO SWAB. TAG FLUID @ 4,000'. SWAB OF 9 HRS. FLUID SWAB DOWN TO 6,000' IN 6 HRS. THEN FLUID LEVEL STAYED @ 5,400' SWABBING 8 BBLS HR. SWAB TOTAL OF 92 BBLS. GETTING GAS & WATER FROM 3:00 P.M. ON. GAS WILL NOT BURN. FLUID LEVEL RAISED 700' WHILE SHUT-DOWN 30 MINS F/LUNCH.
- 6-7-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. SWAB FROM 8:00 A.M. TO 7:00 P.M. SWAB TOTAL OF 163 BBLS IN 11 HRS. TAG FLUID @ 8:00 A.M. HAD SOME GAS ON WELL BUT TOO LITTLE TO READ ON GAUGE. SWAB DOWN TO 5,600' & SWABBING FLUID LEVEL STAYED AROUND 5,200'-5,700'. TRACE OF OIL ON SAMPLES.
- 6-8-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. HAD LIGHT BLOW, WOULD NOT BURN. RIG TO SWAB, TAG FLUID @ 4,800'. SWABBED 10 BBLS WTR. ON 2ND RUN LOST SWAB & SINKER BAR IN HOLE. RELEASE PKR & POH. LOST SINKER BARS IN CASED HOLE. POH. SWIFN.
- 6-9-83 11,000' P/BTD 9,400' IN REDWALL FORMATION. RIH W/BAKER CMT & RETAINER & SET @ 9,200'. PMPG 4 BPM @ 1,800 PSI. OBTAINED VERBAL APPROVAL FROM MR. ASSAD RAFFOUL W/BLM/MMS @ 9:40 A.M. 6/6/83 TO PMP PIT WTR INTO REDWALL FORMATION.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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1. oil well  gas well  other Drilling

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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Sevier

13. STATE  
Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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>Pump Pit Water into Redwall Formation</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(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.)\*

Verbal approval was obtained from Mr. Assad Raffoul, BLM O&G, at 9:40 a.m., June 6, 1983, by Art Guthrie, Assistant Drilling Supt., MOC, to pump pit water into the Redwall Formation before plugging.

Redwall perms at 9,246'-9,276', 4 jet shots/foot. Swabbed 10-12 bbl/hr of water. Pumped a total of 16.550 bbls of water into the Redwall Formation with Baker Retainer set at 9,200'. Cemented Redwall with 150 sx of Class "B" cement below retainer. Cemented with 53' on top of retainer.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct District  
SIGNED Daryl L. Jones TITLE Operations Manager DATE June 23, 1983

(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

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: 1,369.18' FNL & 2,799.55' FEL  
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) Pump Pit Water into Redwall Formation

**CONFIDENTIAL**

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jun 29 1983

7. UNIT AGREEMENT NAME  
SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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.)\*

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Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Doyle L Jones District Operations Manager DATE June 23, 1983

(This space for Federal or State office use)  
APPROVED BY Assad Raffoul TITLE District Oil & Gas Supervisor DATE JUL 1 1983  
CONDITIONS OF APPROVAL, IF ANY

**RECEIVED**

JUL 5 1983  
CASPER DISTRICT  
OPERATIONS  
GOVERNMENT COMPLIANCE

*opa.*

SOUTH MT. TERRILL #1A-1

- 6-25-83 11,000' PBTD 7,687' IN KAIBAB FORMATION. PUMPED RESERVE PIT WATER DOWN HOLE. PUMPED 5,667 BBLs FOR A TOTAL OF 6,500 BBLs. PUMP KCL WATER OUT OF FRAC TANK DOWN HOLE. RIG & CMT W/170 SX CLASS "B". PULL OUT OF CMT RTNR & DUMP 100' OF CMT ON TOP OF RTNR. POH 10 STND. PUMP 10 BBLs WATER DOWN TBG. POH 10 STND & SWIFN.
- 6-26-83 11,000' PBTD 7,687' IN KAIBAB FORMATION. RIH. RIG POWER SWIVEL CUTTING CSG @ 5,517'. CUTTERS WORN. P/U NEW CSG CUTTERS & RIH, CUT CSG @ 5,479' KB. POH, SDFN.
- 6-27-83 11,000' PBTD 7,687' IN KAIBAB FORMATION. SET CSG SPEAR IN CSG. PULL & L/D 126 JTS 7", 26#, SS-95 CSG & 2 CUT OFF JTS. RIG DOWN CSG CREW. RIH W/TBG & SDFN.
- 6-28-83 11,000' PBTD TO SURFACE. RIG DOWELL & SET CMT PLUG 200' INSIDE 7" CSG & 200' ABOVE 7" TOP IN 10-3/4" CSG. POH W/31 STDS & LD 125 JTS OF 2-7/8" TBG. RIG SCHLUMBERGER & PERF 1,900' TO 1,902' W/4 SHOTS/FT. TOTAL OF 9 SHOTS. RIH W/BAKER CMT RTNR & SET @ 1,857', CMT W/150 SX CLASS "B" CMT. PULL OUT OF RTNR & LAID 200' CMT PLUG ON TOP OF RTNR. L/D TBG. LAID CMT PLUG TO SURFACE. RIG DOWN GIBSON WELL SERVICE. RELEASED RIG @ 6:00 P.M. 6/27/83. FINAL REPORT.

# CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

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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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

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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

From: 6-10-83 To: 6-24-83

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED Gary Newberry / A.G. TITLE Superintendent DATE 6-24-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SOUTH MT. TERRILL #1A-1

- 6-10-83 11,000' PBTD 9,400' IN REDWALL FORMATION. DOWELL PMPG RESERVE PIT.
- 6-11-83 11,000' PBTD 9,200' IN REDWALL FORMATION. PMP RESERVE PIT @ 2-3 BBL/MIN. PRESENTLY PMPG @ 6 BPM W/4,000#.
- 6-12-83 11,000' PBTD 9,200' IN REDWALL FORMATION. UNABLE TO MAINTAIN SUCTION ON THICK MUD @ BTM OF PIT. SDFN @ 1:30 A.M. TOTAL DAILY 6,450 BBLs. PRESENTLY WAIT ON CREWS TO ARRIVE.
- 6-13-83 11,000' PBTD 9,147' IN TOROWEAP FORMATION. PMPD 160 SKS CL "B" CMT. SQUEEZED 150 SKS BELOW RETAINER AND SET 53' ON TOP OF RETAINER. PBTD 9,147'. PULLED TO 8,617'. CIRC TO CLEAN TBG, PULLED TO 8,516'. SPOT 5 BBLs OF 10% ACETIC ACID ACROSS TOROWEAP. PULLED TO 4,000'. UNLOAD FLUID W/N<sub>2</sub>. POH. RU LUBRICATOR AND SCHLUMBERGER. PERF 8,486'-8,506' W/4" CSG GUNS W/4JSPF. HAD NO BLOW ON WELL. PU BAKER RETRIEVAMATIC PKR. RIH W/2-7/8" TBG W/SN 1 JT ABOVE PKR. SET PKR @ 8,437'. SDFN.
- 6-14-83 11,000' PBTD 9,147' IN TOROWEAP FORMATION. RIG TO SWAB. SWABBING THROUGH FULL OPEN CHOKE. TAG FLUID @ 3,600'. SWAB WELL DOWN TO 7,800', HAD NO RECOVERY. CHANGE & PUT ON SOFT SWAB CUPS. TAG FLUID @ 7,800', RECOVERED 4 BBLs. LET SET 2 HRS. COULDN'T TELL WHERE FLUID LEVEL WAS, RECOVERED 1 BBL FOAMY MUD & ACID CUT FLUID. LET SET 2 HRS. TAG @ 8,200', RECOVERED 1/4 BBL FOAM FLUID. SWABBED A TOTAL OF 28-1/4 BBLs. SWIFN. WILL SWAB WELL DOWN & ACIDIZE.
- 6-15-83 11,000' PBTD 9,147' IN TOROWEAP FORMATION. COMPLETION FLUID TYPE KCL, WT 8.6, VIS 35, % SALT 2. PERFORATION RECORD FROM 8,486' TO 8,506', # OF HOLES 4 JSPF. REMARKS: SWABBING. TAG FLUID @ 7,800'. REC 1 BBL. MADE 2 DRY RUNS. RELEASE PKR. RIH TO 8,506'. SPOT 500 GALS 15% HCL W/CORROSION INHIBITOR. POH TO 8,180'. SET PKR PRESSURE BACKSIDE TO 3,000#. HELD O.K. OPEN BYPASS. REV CIRC 10 BBLs TO CLEAN PKR. DISPLACE 15 BBLs 2% KCL W/800# TO 1,000# IN 2-1/2 HRS. SWABBING. HAVE RECOVERED 72 BBLs OF LOAD WTR.
- 6-16-83 11,000' PBTD 9,147' IN TOROWEAP FORMATION. NO PRESS ON TBG IN A.M. TAG FLUID @ 4,300'. SWAB TOTAL OF 23 RUNS AND REC 87 BBLs WTR W/VERY LITTLE GAS W/VERY FINE SAND. TAG FLUID @ 4,400' ON EACH RUN. WTR HAS NO ODOR.
- 6-17-83 11,000' PBTD 8,444' IN TOROWEAP FORMATION. HAD NO PRESS OR TRAPPED GAS ON TBG. SWAB 40 BBLs WTR. RELEASE PKR. POH. SLM-OK. LD PKR. RU CEMENT RETAINER. RIH. SET RETAINER @ 8,444'.
- 6-18-83 11,000' PBTD 8,125'. FILL CSG W/2% KCL. PMPD 15 BBLs 2% KCL THRU RETAINER @ 8,444' - NO PRESSURE, UNSTRING FROM RETRIEVER & SPOTTED 160 SX CLASS "B" W/5 BW. AHEAD 5 BW, BEHIND IN TBG STRING INTO RETAINER - SQUEEZED W/55 SX MAXIMUM OF 3,000 PSI. SET REMAINDER OF CMT ON TOP OF RETAINER. POH TO 8,125', REVERSE CIRC 13 BBLs CMT TO SURFACE. PBTD 8,125' (319' ON TOP OF RETAINER) POH TO 7,852'. SPOTTED 5 BBLs ACETIC ACID. POH TO 5,402' & UNLOADED W/N<sub>2</sub>, POH, R/U SCHLUMBERGER. RIH W/CCL/4" GUNS. TAGGED CMT @ 8,125'. COMPUTERIZED W/, COUNTER READ 4200 (MALFUNCTIONING) POH W/WL.

SOUTH MT. TERRILL #1A-1

- 6-19-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. R/U SCHLUMBERGER. RUN CORRELATION LOG. WL TD 8,120'. RIH W/4" CSG GUNS, PERF 7,842'-7,852' W/4 JSPF, 22 GRAM CHARGES. NO PRESSURE INCREASE @ SURFACE WHILE POH W/WL, RIH & SET BAKER MODEL EH RETRIEVAMATIC PKR @ 7,794'. RIH W/SWAB LINE, TAG FLUID @ 4,800'. SWABBED DOWN TO 7,500' RECOVERY TOTAL OF 17 BBL KCL, WTR & ACID IN 5 RUNS. NO EVIDENCE OF FLUID INFLUX.
- 6-20-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. TAG FLUID @ 4,800'. SWABBED DRY IN 3 RUNS. R/U DOWELL & SPOT 500 GAL 15% HCL W/.2% CORROSION INHIBITOR. POH TO 7,542'. SET PKR. OPEN BYPASS, REVERSE CIRC 10 BBLs. DISPLACE ACID DOWN TBG @ 2 BPM. A TOTAL OF 93 BBLs WTR & 12 BBLs ACID PMPD DOWNHOLE = 105 BBLs. R/U SWABBING UNIT, TAG FLUID @ 4,000'. MADE 13 RUNS AND RECOVERED 118 BBLs. FLUID LEVEL STAYING @ 4,800'. RECOVERED HEAVY TAR-LIKE OIL ON 5TH RUN. RECOVERED KCL WTR, FORMATION WTR; BUT NO INDICATIONS OF ACID. SOME NON-FLAMMABLE GAS SHOWING BETWEEN SWAB RUNS. SIFN.
- 6-21-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. HAD 50 PSI OF NON-FLAMMABLE GAS ON TBG. TAG FLUID @ 4,300'. GAS INCREASED (NON-FLAMMABLE) DURING DAY TO APPROX 5 MIN BLOW AFTER EACH RUN. AMOUNT OF TAR PARTICLES IN FLUID WAS VERY SLIGHT. ESTIMATE 1/2 BBL OF TAR RECOVERED IN LAST 2 DAYS. RECOVER 176 BBLs DURING DAY.
- 6-22-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. 400 PSI ON TBG. TAG FLUID @ 3,800'. MADE 18 TOTAL RUNS. RECOVERED 137 BBLs. ALL VOLUME APPEARED TO BE FORMATION WTR & 1/2 BBL TAR. WATER ANALYSIS FROM SAMPLES TAKEN YESTERDAY SHOWED NO NITRATES. GAS SAMPLE WAS GREATER THAN 90% CO<sub>2</sub>.
- 6-23-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. BLED 300 PSI FROM TBG (CO<sub>2</sub>). RIH W/SWAB, TAGGED FLUID @ 3,800'. MADE 14 SWAB RUNS, SWABBED TO 4,000'. SI 1 HR; BUILT 100 PSI. MADE 2 MORE RUNS. TAGGED FLUID @ 4,500'. RECOVERED GAS, TRACE OF TAR AND 114 BBLs FORMATION H<sub>2</sub>O.
- 6-24-83 11,000' PBTD 8,125' IN KAIBAB FORMATION. RIH W/BAKER CMT RETAINER & TBG. SET @ 7,787'. R/U DOWELL. PMP H<sub>2</sub>O INTO WELL. 833 BBLs PMPD @ 2,800 PSI AS OF 7:00 P.M. 6/23/83.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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1. oil well  gas well  other Plug & Abandon

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: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

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FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
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MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Plug & Abandon	

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

**RECEIVED**

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

JUL 21 1983

CASPER DISTRICT  
OPERATIONS

GOVERNMENT COMPLIANCE

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.)\*

Toroweap perms 8,486'-8,506', 4 SPF. Set retainer @ 8,444', cmt Toroweap w/160 sx Class "B" cmt. Kaibab perms 7,842'-7,852', 4 SPF. Set cmt retainer @ 7,787'. Pumped a total of 6,500 bbls water out of reserve pit into Kaibab formation. Cmt Kaibab w/170 sx Class "B" cmt.

Cut & retrieved 5,479' of 7", 26# SS95 casing. Set cmt plug 200' inside 7" csg & 200' above 7" csg in 10-3/4" csg, 400' plug total w/131 sx Class "B" cmt. Set 10-3/4" cmt retainer @ 1,857' & cement perms 1,900'-1,902' w/150 sx Class "B" cmt w/95 sx Class "B" cmt on top of retainer 200'. Top plug 100' to surface, 49 sx Class "B".

Dry hole marker set 6-29-83. Verbal approval was obtained from Bill Martens, BLM O&G, by Walt West, MOC, 6-22-83.  
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct District \_\_\_\_\_  
SIGNED *Doyle J. Combs* TITLE Operations Manager DATE June 29, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
**ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 7/18/83  
BY: *[Signature]*

\*See Instructions on Reverse Side

**RECEIVED**

JUL 05 1983

DIVISION OF  
OIL, GAS & MINING

DST #1      Shinarump      6644-6685'

IF    Opened w/weak blow from top of bucket, increased to strong blow from bottom of bucket in 5 min

FF    Opened w/weak blow, increased to strong blow from bottom of bucket in 1 min. Blow increased to 3.25 psi in 60 min.

Drill Pipe Recovery-770'water(26000 ppm, Rw. .32 @ 57<sup>0</sup>F)

Sample Chamber Recovery\*

1600 cc water  
2.01 cfg @ 580 psi

IHP    3213.0 psi  
IFP    (15 min) 216.3 psi  
ISIP    (60 min) 1039.1 psi  
FFP    (60 min) 378.4 psi  
FSIP    (120 min) 1039.1 psi  
FHP    3213.0 psi      BHT 134<sup>0</sup>F

\* See following page for gas and fluid analysis

DST #2 Permian Kaibab 7816-7827'

IF Opened w/very weak blow

FF Opened w/weak blow, increased to good blow after 55 min, and built to a strong blow.

Drill Pipe Recovery      470' ammonia cushion  
   150' mud  
   40' WCM

Sample Chamber Recovery \* 570 cc muddy H<sub>2</sub>O  
   1.836 cfg @ 270 psi

IHP 3988 psi  
IFP (15 min) 241.4 psi  
ISIP (60 min) 1392.8 psi  
FFP (120 min) 198.0 psi  
FSIP (120 min) 1418.9 psi  
FHP 3961.3 psi      BHT 144<sup>o</sup>F

\* See following page for gas and fluid analysis

Est 19 MCF/D CO<sub>2</sub> (MOC Engineers)

DST #3 Permian Kaibab 7832-7843'

IF No blow

FF Very weak blow from top of bucket

Drill Pipe Recovery 72' ammonia cushion

320' oil, gas, and mud cut water

85' oil and gas cut mud

55' oil cut water

Sample Chamber Recovery 1900 ml oil cut water

.002 cfg @ 25 pi

(Gas appeared to be mostly all CO<sub>2</sub>. We are waiting on gas analysis)

IHP 3707.5 psi

IFP (30 min) 101.9 psi

ISIP (60 min) 1391.2 psi

FFP (120 min) 236.3 psi

FSIP (380 min) 1385.1 psi

FHP 3707.5 psi

BHT 144<sup>0</sup>F

DST #4 Permian Kaibab 7836' - 7864'

IF Opened with a good blow 2" into the bucket and increased to a smooth rolling boil from the bottom of the bucket at 10 min.

FF Opened with fair blow which increased to a smooth rolling boil from the bottom of the bucket at 20 minutes.

Dril pipe Recovery 72' mud and ammonia, slightly oil and gas cut  
90' slightly oil and water cut mud  
90' mud and gas cut water  
780' water; gas cut water; and water cut mud  
180' gas  
90' mud cut water  
90' gas  
90' LCM and sand  
1590' Total

Sample Chamber Recovery 2100 ml mud cut water, trace oil  
0.183 cfg at 80 psi

All gas recovery was mostly CO<sub>2</sub>

	<u>Bottom Recorder</u>	<u>Top Recorder</u>
IHP	3701.1	3667.2
IFP (15 min)	244.1-469.5	212.3-411.2
ISISP (60 min)	1514.5	1514.8
FFP (120 min)	444.4-749.1	411.2-730.1
FSIP (240 min)	1426.5	1408.3
FHP	3661.4	3653.8
BHT	138° F	138° F

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	Plug & Abandon	

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

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Toroweap perms 8,486'-8,506', 4 SPF. Set retainer @ 8,444', cmt Toroweap w/160 sx Class "B" cmt. Kaibab perms 7,842'-7,852', 4 SPF. Set cmt retainer @ 7,787'. Pumped a total of 6,500 bbls water out of reserve pit into Kaibab formation. Cmt Kaibab w/170 sx Class "B" cmt.

Cut & retrieved 5,479' of 7", 26# SS95 casing. Set cmt plug 200' inside 7" csg & 200' above 7" csg in 10-3/4" csg, 400' plug total w/131 sx Class "B" cmt. Set 10-3/4" cmt retainer @ 1,857' & cement perms 1,900'-1,902' w/150 sx Class "B" cmt w/95 sx Class "B" cmt on top of retainer 200'. Top plug 100' to surface, 49 sx Class "B".

Dry hole marker set 6-29-83. Verbal approval was obtained from Bill Martens, BLM O&G, by Walt West, MOC, 6-22-83.  
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct District \_\_\_\_\_  
SIGNED Doyle J. Ows TITLE Operations Manager DATE June 29, 1983

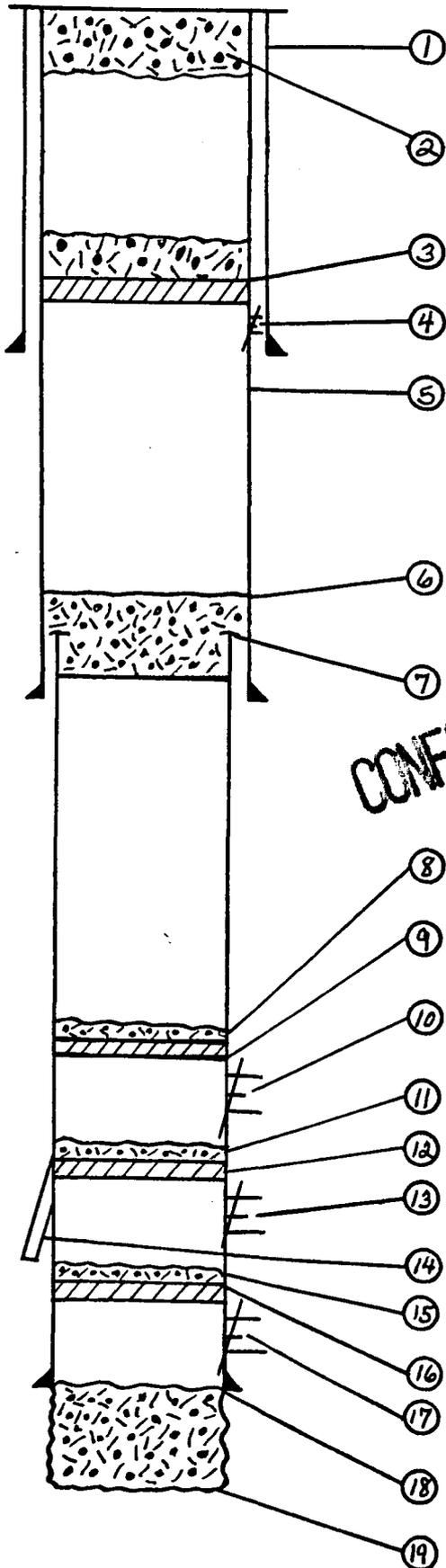
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: July 18, 1983  
BY: [Signature]

\*See Instructions on Reverse Side

**RECEIVED**  
JUL 05 1983  
DIVISION OF OIL GAS & MINING

SOUTH MOUNT TERRILL #1A-1  
 WILDCAT  
 "PLUGGED AND ABANDONED"  
 All Measurements KB



1. 13-3/8" 61# K-55 csg to 838.6'  
13-3/8" 61# S-80 csg from 838.6' to 1948'
2. Cement plug from 100' to surface
3. Cement retainer at 1857' w/200' cement plug on top of retainer
4. Perforations 1900' to 1902', 4 SPF  
9 total shots, cement squeezed w/150 sacks Class "B" cement.
5. 10-3/4" 55.5# S-80 csg to 1579.47'  
10-3/4" 55.5# L-80 csg from 1579.47' to 5869.1'
6. Cement plug from 5279' to 5679'
7. 7" 26# SS-95 csg set at 9492.1'  
Upper 5451' of csg retrieved after being cut at 5479'
8. Cement plug with top at 7687'
9. Cement retainer at 7787'
10. Kaibab perms 7842' to 7852', 4 JSPF, squeezed w/170 sacks of Class "B" cement
11. Cement plug with top at 8125'
12. Cement retainer at 8444'
13. Toroweap perms 8486' to 8506', 4 JSPF, squeezed w/55 sacks of Class "B" cement
14. Fish left in hole at 8361'
15. Cement plug with top at 9147'
16. Cement retainer at 9200'
17. Redwall perms 9246' to 9276', 4 JSPF, abandoned
18. Original PBSD 9500'
19. TD 11,000'

CONFIDENTIAL

FmK

SOUTH MOUNT TERRILL #1A-1

DST #1

Formation: Shinarump  
Depth: 6,685'  
Date: 1-15-83  
Packer set @ 6,644'  
IF 15 min, ISI 60 min, FF 60 min, FSI 120 min  
Had gas to surface 30 min into FSI which measured 40-60% CO<sub>2</sub>  
Recovered 3 bbls formation water  
Pressures: IF 192#, ISI 1,000#, FF 247#-357#, FSI 1,000#  
BHT 134°  
Sample Chamber: 1,600 cc salt water, resistivity 0.32 @ 57°  
26,000 ppm Cl w/2.01 ft<sup>3</sup> non-flammable gas @ 580#

DST #2

Date: 1-27-83  
Depth: 7,827'  
Formation: Kaibab  
Packer set @ 7,816'  
IF 15 min, ISI 60 min, FF 120 min, FSI 120 min  
Had gas to surface during FSI which tested CO<sub>2</sub>  
Recovered 187' water (muddy) in drill string -- 3.3 bbls  
Had muddy water in sample chamber  
Pressures: IHP 3,988#, IF 199-241#, ISI 1,393#, FF 119-198#, FSI 1,419#  
FHP 3,961#, BHT 144°

DST #3

Date: 1-31-83  
Depth: 7,843'  
Formation: Kaibab  
Packer set @ 7,832'  
IF 30 min, ISI 60 min, FF 120 min, FSI 380 min  
Recovered 320' oil and gas cut water  
85' highly oil and gas cut mud  
55' highly oil cut water  
Gas tested as CO<sub>2</sub>  
Pressures: IHP 3,708#, IF 55-108#, ISI 1,391#, FF 124-236#, FSI 1,385#  
FHP 3,708#, BHT 144°  
Sample Chamber: Filled w/water w/31,000 ppm Cl

**CONFIDENTIAL**

DST #4

Date: 2-3-83  
Depth: 7,864'  
Formation: Kaibab  
Packer set @ 7,836'  
IF 15 min, ISI 60 min, FF 120 min, FSI 240 min  
Recovered: 180' mud w/ammonia cushion w/slight oil and gas cut  
90' oil & water cut mud  
90' mud & gas cut water  
780' gas cut water w/10% CO<sub>2</sub>  
180' 5-10% CO<sub>2</sub> gas  
90' mud cut water  
90' CO<sub>2</sub> gas  
90' gas cut mud  
Pressures: IHP 3,667#, IF 212-411#, ISI 1,515#, FF 411-730#, FSI 1,408#  
FHP 3,654#, BHT 138°  
Sample Chamber: 2,100 cc muddy water sent to lab for analysis

*Tom*

**CONFIDENTIAL**

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

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: 1,369.18' FHL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

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

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) Please See Below

SUBSEQUENT REPORT OF:

**RECEIVED**  
JUL 11 1983  
DIVISION OF  
OIL, GAS & MINING

(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

From: 6-25-83 To: 6-28-83

*Final Report*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct Drilling  
SIGNED Guy A. Newberry TITLE Superintendent DATE 7-6-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] 1b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] PLUGGED [ ] 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, and in accordance with, any special requirements): At surface 2,400' FNL & 2,350' FEL 1369.18 2799.55 At top prod. interval reported below At total depth

14. PERMIT NO. 43-041-30025 DATE ISSUED 9-29-82

5. LEASE DESIGNATION AND SERIAL NO. U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME South Mount Terrill

9. WELL NO. 1A-1

10. FIELD AND POOL, OR WILDCAT Wildcat

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

Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

15. DATE SPUNDED 11-22-82 16. DATE T.D. REACHED 3-25-83 17. DATE COMPL. (Ready to prod.) P & A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 9,248' GL, 9,276' KB 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 11,000' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 0 CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* None 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN SEE ATTACHMENT 27. WAS WELL CORED Yes

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8", 10-3/4", and 7" casings.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes LINER RECORD and TUBING RECORD.

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

33.\* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged & Abandoned WELL STATUS (Producing or shut-in)

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Includes FLOW, TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL—BBL., WATER—BBL., OIL GRAVITY-API (CORR.).

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Dry Hole Marker Set 6-29-83 TEST WITNESSED BY

35. LIST OF ATTACHMENTS Six (6)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE District Operations Manager DATE July 7, 1983

RECEIVED JUL 15 1983 DIVISION OF GAS & MINING

CONFIDENTIAL

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

See attached approved Sundry Notices for plugging procedure dated June 24 & June 29, 1983.

PERFORATIONS

Redwall	9,246'-9,276'	4 JSPF	Abandoned
Toroweap	8,486'-8,506'	4 JSPF	Abandoned
Kaibab	7,842'-7,852'	4 JSPF	Abandoned

FORMATION TOPS

Flagstaff	480'	Chinle	6,275'
Mancos Ferron	1,010'	Shinarump	6,645'
Tununk	1,152'	Moenkopi	6,717'
Morrison	1,888'	Sinbad	7,470'
Summerville	2,370'	Lower Moenkopi	7,670'
Curtis	2,590'	Kaibab	7,748'
Entrada	2,913'	Toroweap	8,025'
Carmel	3,910'	Redwall	9,345'
Navajo	4,796'	Elbert	10,400'
Kayenta	5,800'	Lynch/Maxfield	10,949'
Wingate	6,062'		

**CONFIDENTIAL**

LOGS

12-20-82	CNL, GR	Schlumberger	2,223' to 1,948'
1-5-83	ELL & FSL w/GR	Schlumberger	5,876' to 1,948'
1-5-83	FDC, CNL, w/GR	Schlumberger	5,876' to 1,948'
1-5-83	Sonic w/GR	Schlumberger	5,876' to 1,948'
1-14-83	CIL	McCullough	5,869' to 1,948'
1-18-83	BHC, Sonic, GR	Schlumberger	7,300' to 5,869'
2-6-83	Micro SFC, SP, DLL	Schlumberger	8,140' to 5,869'
2-6-83	LDL, CNL, GR	Schlumberger	8,140' to 5,869'
2-6-83	BHC, Sonic, GR	Schlumberger	8,140' to 5,869'
2-7-83	Frac Identity Log	Schlumberger	8,138' to 5,869'
2-24-83	BHC, Sonic, GR	Schlumberger	8,685' to 8,100'
2-24-83	Litho Density Log, CNL, GR	Schlumberger	8,685' to 8,100'
2-24-83	DIL, w/MSFL & GR	Schlumberger	8,685' to 8,100'
3-26-83	DIL, MSFL	Schlumberger	11,000' to 9,492'
3-27-83	BHC, CNL, LDT, NGT, FIL, HBT	Schlumberger	10,986' to 5,869'
3-29-83	VST	Schlumberger	10,986' to 5,869'
3-30-83	CIL	McCullough	9,492' to 5,869'

CORES

1-19-83	No. 1	7,326' to 7,336'	recovered 7'
1-20-83	No. 2	7,336' to 7,396'	recovered 60'
1-23-83	No. 3	7,762' to 7,767'	recovered 3'
1-24-83	No. 4	7,767' to 7,779'	recovered 11'
1-24-83	No. 5	7,779' to 7,789'	recovered 10'
1-25-83	No. 6	7,790' to 7,802'	recovered 12'
1-26-83	No. 7	7,802' to 7,817'	recovered 13-1/2'
1-29-83	No. 8	7,826' to 7,843'	recovered 16-1/2'
2-1-83	No. 9	7,843' to 7,854'	recovered 9'
2-1-83	No.10	7,854' to 7,863'	recovered 6-1/2'

# CONFIDENTIAL

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  Plugged and 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. See space 17 below.)  
AT SURFACE: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

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

(other) Please See Below

SUBSEQUENT REPORTS:

## RECEIVED

JUL 19 1983

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

DIVISION OF  
OIL, GAS & MINING

- 5. LEASE  
U-22162A
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME  
South Mount Terrill
- 9. WELL NO.  
1A-1
- 10. FIELD OR WILDCAT NAME  
Wildcat
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E
- 12. COUNTY OR PARISH | 13. STATE  
Sevier | Utah
- 14. API NO.  
43-041-30025
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' KB

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.)\*

Rehabilitation on this abandoned location will be started July 19, 1983. Fishlake National Forest Rangers, Mr. Stan Buck and Mr. Coy Jemmett, Loa, Utah, were called on July 11, 1983 and advised of same by Walt West, Marathon Oil Company. Mr. Buck stated he will work with our representative, Mr. Ray Rosenthal, in their request in leaving the access road.

Mr. A.M. Raffoul, BLM, Liquid Minerals Branch, was called on July 11, 1983, by Walt West. Mr. Raffoul advised Marathon Oil Company to proceed with the rehabilitation as planned.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct \_\_\_\_\_ District  
SIGNED Douglas Jones TITLE Operations Manager DATE July 14, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE \_\_\_\_\_  
BY: \_\_\_\_\_

\*See Instructions on Reverse Side

gan  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**CONFIDENTIAL**

**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 Plugged and Abandoned

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
PO Box 2659, Casper WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1,369.18' FNL & 2,799.55' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*
- (other)  Please see below.

SUBSEQUENT REPORT OF:

- 
- 
- 
- 
- 
- 
- 
- 

*Aug 9 3 1983*

*DIVISION OF GAS & MINING*

5. LEASE  
U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. JOINT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T26S, R3E

12. COUNTY OR PARISH Sevier 13. STATE Utah

14. API NO.  
43-041-30025

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9,248' GL, 9,276' 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.)\*

Redistribution of top soil was completed on this date, August 1, 1983, at the direction of Fishlake National Forest Rangers, Mr. Coy Jemmett and Mr. Stan Buck, Loa, Utah. Mr. Jemmett stated that he would like the reseeding done the first or second week of October, 1983.

Mr. Bill Martens of BLM, Branch of Liquid Minerals, Salt Lake City, Utah, was called at 8:15 a.m., August 1, 1983 by Walt West, Marathon Oil Company, and advised of same.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Doyle F. Jones TITLE Operations Manager DATE August 1, 1983  
District \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE  
 (Other instructions  
 verso side)

Budget Bureau No. 1004-0135  
 Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

U-22162A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Mount Terrill

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 1, T26S, R3E

12. COUNTY OR PARISH 13. STATE

Sevier Utah

1. OIL WELL  GAS WELL  OTHER  Plugged and Abandoned

2. NAME OF OPERATOR  
 Marathon Oil Company

3. ADDRESS OF OPERATOR  
 P. O. Box 2690, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
 At surface  
 2400' FNL & 2350' FEL

14. PERMIT NO.  
 49-041-30025

15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
 9276' KB

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Final abandonment of the above well location is complete. The fence (wire, posts, stays, etc) has been removed and the holes have been refilled.

The site is ready for final inspection prior to bond release.

OIL AND GAS	
SPN	2 ✓
JRB	GLH
DTS	SLS
MICROFILM ✓	
43-FILE	
November 1, 1989	

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

SIGNED [Signature] TITLE Regulatory Coordinator DATE 02/08/90

(This space for Federal or State use)

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 02/08/90

CONDITIONS OF APPROVAL, IF ANY:

**POSTED**  
 04-06-0890

See Remark on Reverse Side  
 \*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI-STATE  
101001 INSTRUCTIONS TO THE  
WELL OWNER

FORM 3160-5  
Bucket: Bureau No. 1004-0135  
Expires August 31, 1984

3. LEASE DESIGNATION AND SERIAL NO.  
U-22162A  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER Plugged and Abandoned

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 2690, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
2400' FNL & 2350' FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
South Mount Terrill

9. WELL NO.  
1A-1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T., R., M., OR BLM, AND SURVEY OR AREA  
Sec. 1, T26S, R3E

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

14. PERMIT NO.  
49-041-30025

15. ELEVATIONS (Show whether DF, RT, CL, etc.)  
9276' KB

RECEIVED  
FEB 16 1990  
DIVISION OF  
OIL & GAS

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Rehabilitation</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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 recent inspection of the above referenced well by a Marathon Oil Company representative showed very favorable results of the rehabilitated site. At this time, Marathon feels that the site is ready for final inspection and bond release.

BLM Orig & 3--cc: SUDOGM-2, WRF, FMK, Drilling, Title & Contract (Houston)

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

SIGNED R. P. Madala TITLE Regulatory Coordinator DATE October 20, 1988

(This space for Federal or State official use)

APPROVED BY Jerry W. Jordan TITLE DISTRICT MANAGER DATE 02/08/90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
FEB 16 1990  
DIVISION OF  
OIL, GAS & MINING

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Plugged and Abandoned</b>		5. LEASE DESIGNATION AND SERIAL NO. U-22162A	
2. NAME OF OPERATOR Marathon Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 2690, Cody, Wyoming 82414		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2400' FNL & 2350' FEL		8. FARM OR LEASE NAME South Mount Terrill	
14. PERMIT NO. 43-041-30025		9. WELL NO. IA-1	
15. ELEVATIONS (Show whether DF, RT, GR, ETC.) 9248' GL		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA Sec. 1, T26S, R3E	
		12. COUNTY OR PARISH Sevier	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Please See Below	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Marathon Oil Company plugged and abandoned this well and a dry hole marker was set on June 29, 1983.

The surface has been rehabilitated to meet Forest Service specifications.

Please refer to the attached well bore diagram for plug placements.

RECEIVED  
 FEDERAL BUREAU OF LAND MANAGEMENT  
 DEC 22 AM 10:00

BLM-Orig & 3--cc: \_\_\_\_\_, WRF, FMK, Drilling

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

SIGNED RP Mealer TITLE Regulatory Coordinator DATE December 17, 1986

(This space for Federal or State (State use))

APPROVED BY Jerry L. Goodman TITLE DISTRICT MANAGER DATE 02/08/90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
 (Other instructions  
 verso side)

Form approved.  
 Budget Bureau No. 1004-0135  
 Expires August 31, 1984

LEASE DESIGNATION AND SERIAL NO.  
 U-22162A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Plugged and Abandoned	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Marathon Oil Company	8. FARM OR LEASE NAME South Mount Terrill
3. ADDRESS OF OPERATOR P. O. Box 2690, Cody, Wyoming 82414	9. WELL NO. 1-1
4. LOCATION OF WELL (Report location clearly and in accordance with BLM State requirements.* See also space 17 below.) At surface 1409' FNL & 2799.6' FEL	10. FIELD AND POOL, OR WILDCAT Wildcat
11. PERMIT NO. 43-041-30025	11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA Sec. 1, T26S, R3E
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 9248' GL	12. COUNTY OR PARISH   13. STATE Sevier   Utah

RECEIVED  
 FEB 16 1990  
 DIVISION OF  
 OIL & GAS

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Please See Below

(Other)

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

17. LES (OR) PURPOSES OF COMPLETED OPERATIONS. (Specify date of completion, 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.)\*

Marathon Oil Company plugged this well in the following manner:

A plug consisting of 600 sacks of lite cement was placed from 1324'-1074' and a second plug consisting of 260 sacks of lite cement was placed from 700'-493'. The hole was blown dry with air from 493' to surface. The rig was skidded and the hole was backfilled from 493'-88' and 5 yards of Redi Mix cement was set across the 30" conductor shoe from 88' to 68' KB. The hole was then backfilled to surface.

The location has been reclaimed to meet Forest Service specifications.

DEC 22 AM 10 00

BLM-Orig & 3--cc: \_\_\_\_\_, WRF, FMK, Drilling

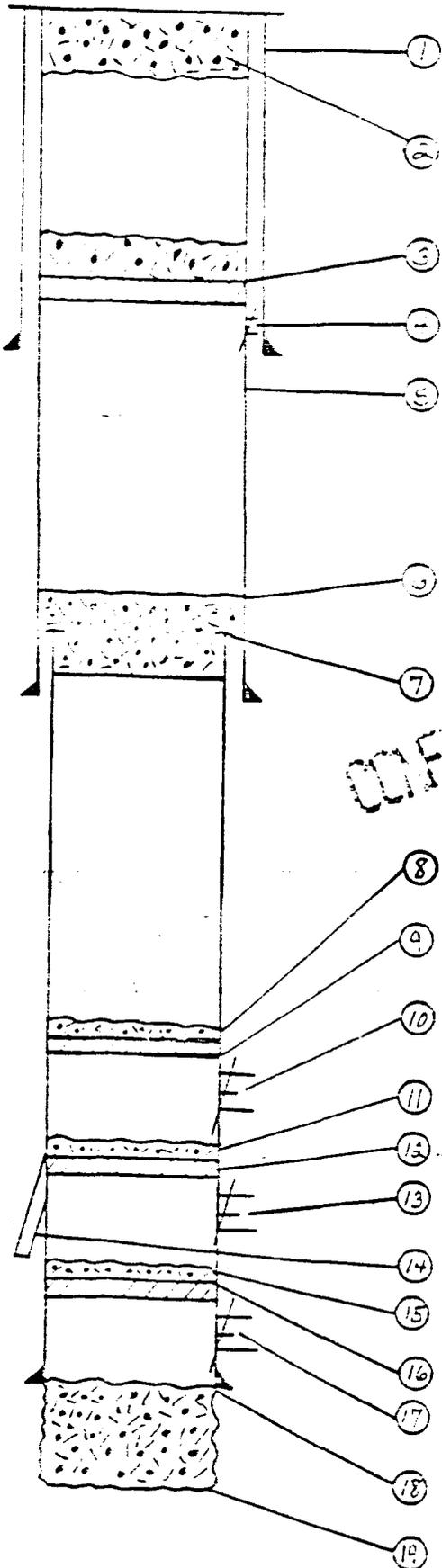
18. I hereby certify that the foregoing is true and correct

SIGNED R P Mealen TITLE Regulatory Coordinator DATE December 17, 1986

(This space for Federal or State office use)  
 APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 02/08/90  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

SOUTH MOUNT TERRILL 1941  
 WILCOX  
 252350 AND 484101101  
 All Measurements KB



1. 10-3/4" 61# H-85 csg to 1338.6'  
10-3/8" 61# G-80 csg from 1338.6' to 1948'
2. Cement plug from 190' to surface
3. Cement retainer at 157' w/ 210' cement plug on top of retainer
4. Perforations 1970' to 1972' 4 JSPF  
9 total snott. cement squeezed w/150 sacks Class "B" cement.
5. 10-3/4" 55.5# S-80 csg to 1579.47'  
10-3/4" 55.5# L-80 csg from 1579.47' to 5869.1'
6. Cement plug from 5279' to 5679'
7. 7" 26# SS-95 csg set at 9492.1'  
Upper 5481' of csg retrieved after being cut at 5479'
8. Cement plug with top at 7687'
9. Cement retainer at 7787'
10. Kaibab perms 7842' to 7852', 4 JSPF, squeezed w/170 sacks of Class "B" cement
11. Cement plug with top at 8125'
12. Cement retainer at 8444'
13. Torowear perms 8486' to 8506', 4 JSPF, squeezed w/55 sacks of Class "B" cement
14. Fish left in hole at 8361'
15. Cement plug with top at 9147'
16. Cement retainer at 9200'
17. Redwall perms 9246' to 9275', 4 JSPF, abandoned
18. Original PSTD 9500'
19. TD 11,000'

CONFIDENTIAL

LCS DEC 22 1941

*EmK*