



*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR

SEP 11 0 1996  
PRODUCTION PIT ASSESSMENT FORM  
*Approved*

WELL NAME: CAT DRAW WELL No.: 1 DP No.: 7920  
OPERATOR NAME: MERIDIAN OIL INC. P/L DISTRICT: \_\_\_\_\_  
COORDINATES: LETTER: M SECTION: 4 TOWNSHIP: 30 RANGE: 5  
OR LATITUDE: \_\_\_\_\_ LONGITUDE: \_\_\_\_\_  
PIT TYPE: DEHYDRATOR: \_\_\_\_\_ LOCATION DRIP: \_\_\_\_\_ LINE DRIP: \_\_\_\_\_ OTHER: WELLHEAD VENT PIT  
SITE ASSESSMENT DATE: 4.12.95 FOREMAN No.: 333 AREA: \_\_\_\_\_

**NMOCD ZONE:**

(FROM NMOCD MAPS)

INSIDE

☒ (1)

OUTSIDE

☐ (2)

**LAND TYPE:**

BLM

☒ (1)

STATE

☐ (2)

FEE

☐ (3)

INDIAN

**DEPTH TO GROUNDWATER**

LESS THAN 50 FT (20 POINTS)

☒ (1)

50 FT TO 99 FT (10 POINTS)

☐ (2)

GREATER THAN 100 FT (0 POINTS)

☐ (3)

**WELLHEAD PROTECTION AREA:**

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction?, or; is it less than 200 ft from a private domestic water source (or 1000' on Navajo surface)?

☐ (1) YES (20 POINTS)

☒ (2) NO (0 POINTS)

**HORIZONTAL DISTANCE TO SURFACE WATER BODY**

LESS THAN 200 FT (20 POINTS)

☐ (1)

200 FT TO 1000 FT (10 POINTS)

☒ (2)

GREATER THAN 1000 FT (0 POINTS)

☐ (3)

NAME OF SURFACE WATER BODY CAT DRAW

(Surface Water Body: Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

DISTANCE TO NEAREST EPHEMERAL STREAM

☐ (1) < 100' (NAVAJO PITS ONLY)

☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 30 POINTS



## PRODUCTION PIT REMEDIATION FORM

WELL NAME: Cat Draw #1 WELL No.: 1 DP No.: 7920  
OPERATOR NAME: Meridian Oil Inc P/L DISTRICT: \_\_\_\_\_  
COORDINATES: LETTER: M SECTION: 4 TOWNSHIP: 30 RANGE: 5  
PIT TYPE: DEHYDRATOR: \_\_\_\_\_ LOCATION DRIP: \_\_\_\_\_ LINE DRIP: \_\_\_\_\_ OTHER: Wellhead Vent Pit  
FOREMAN No.: 333 AREA: \_\_\_\_\_

### INITIAL REMEDIATION ACTIVITIES

DATE: 8-3-95 TIME: 12:30pm

GROUND WATER ENCOUNTERED? ☐ Y / ☒ N

### INSIDE NMOCD ZONE

FINAL EXCAVATION DIMENSIONS: LENGTH: 17 WIDTH: 21 DEPTH: 1

APPROX. CUBIC YARDS: 12 FINAL PID READING: 85

REMEDICATION METHOD: ONSITE LANDFARM \_\_\_\_\_

OFFSITE LANDFARM \_\_\_\_\_ LOCATION: \_\_\_\_\_

OTHER Bentonite

LANDFARM DIMENSIONS: LENGTH: \_\_\_\_\_ WIDTH: \_\_\_\_\_

### OUTSIDE NMOCD ZONE

FINAL SAMPLE DEPTH: 10 FINAL PID READING: 85

### EXCAVATION SAMPLING INFORMATION

IF PID READINGS ARE LESS THAN 100 PPM, SAMPLE TAKEN DURING EXCAVATION)

SAMPLE DATE: 8-3-95 SAMPLE NOS CAT #1-A

SAMPLE ANALYSIS: TPH METHOD 418.1 ONLY

IF PID READINGS ARE GREATER THAN 100 PPM, NO SAMPLE WILL BE TAKEN DURING EXCAVATION.  
THE EXCAVATION WILL BE SAMPLED PRIOR TO BACKFILLING (SEE ADDITIONAL SAMPLING SECTION).

### REMARKS:

Dug out pit and covered with bentonite backfilled pit. Used 17 Bags Bentonite

SIGNATURE: Paul Dushy

DATE: 8-3-95

Lab ID: 9508068-09A  
Sample ID: FED6 #41D

Collected: 08/04/95 12:15:00  
Matrix: SOIL

| TEST / METHOD                         | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---------------------------------------|--------|-------|-------|-----|-----------|----------|
| TRPH/EPA 418.1<br>Total Petroleum HCs | 2270   | mg/Kg | 5.0   | 50  | 08/20/95  | STRPH281 |

Lab ID: 9508068-10A  
Sample ID: CAT DRAW #1-A

Collected: 08/03/95 12:30:00  
Matrix: SOIL

| TEST / METHOD                         | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---------------------------------------|--------|-------|-------|-----|-----------|----------|
| TRPH/EPA 418.1<br>Total Petroleum HCs | 5.5    | mg/Kg | 5.0   | 1.0 | 08/20/95  | STRPH281 |

Lab ID: 9508068-11A  
Sample ID: CAT DRAW #1-B

Collected: 08/03/95 13:30:00  
Matrix: SOIL

| TEST / METHOD                         | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---------------------------------------|--------|-------|-------|-----|-----------|----------|
| TRPH/EPA 418.1<br>Total Petroleum HCs | 47.5   | mg/Kg | 5.0   | 1.0 | 08/20/95  | STRPH281 |

Lab ID: 9508068-12A  
Sample ID: RIDDLE #6

Collected: 08/03/95 15:00:00  
Matrix: SOIL

| TEST / METHOD                         | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---------------------------------------|--------|-------|-------|-----|-----------|----------|
| TRPH/EPA 418.1<br>Total Petroleum HCs | 670    | mg/Kg | 5.0   | 10  | 08/20/95  | STRPH281 |

Lab ID: 9508068-13A  
Sample ID: RIDDLE A #6

Collected: 08/03/95 16:00:00  
Matrix: SOIL

| TEST / METHOD                         | RESULT | UNITS | LIMIT | D_F | DATE ANAL | BATCH_ID |
|---------------------------------------|--------|-------|-------|-----|-----------|----------|
| TRPH/EPA 418.1<br>Total Petroleum HCs | 12.0   | mg/Kg | 5.0   | 1.0 | 08/20/95  | STRPH281 |