

UTAH OIL AND GAS CONSERVATION COMMISSION

RE MARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED OIL SUB REPORT /abd.

* Location Abandoned - well never drilled - 9-21-82

DATE FILED 3-30-81

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U21678 INDIAN

DRILLING APPROVED 9-2-81

SPUDED IN: COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 8776' 91

DATE ABANDONED: LA 9-21-82

FIELD: Wildcat 7/86

UNIT:

COUNTY: Duchesne

WELL NO. Horse Ridge #1-35

API NO. 43-013-30597

LOCATION 2500 FT. FROM (N) LINE. 518 FT. FROM (W) LINE SW NW 1/4 - 1/4 SEC. 35

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
68	9W	35	MARATHON OIL CO.				

Copy of the State of Utah

5

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 2,500' FNL & 518' FWL SW/4 SW/4 NW/4
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
30 miles northwest of Price, Utah

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
518'

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

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8,776' Gl.

22. APPROX. DATE WORK WILL START*
2nd quarter, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

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

Please see the following attachments:

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

RECEIVED

MAR 30 1981

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: _____
BY: *[Signature]*

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9-2-81
BY: *M.J. Minder*

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 *Paul Caddy* (307) 577-1555 TITLE District Operations Manager DATE March 25, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

P.O. BOX 654
 GREEN RIVER, WYOMING
 82935

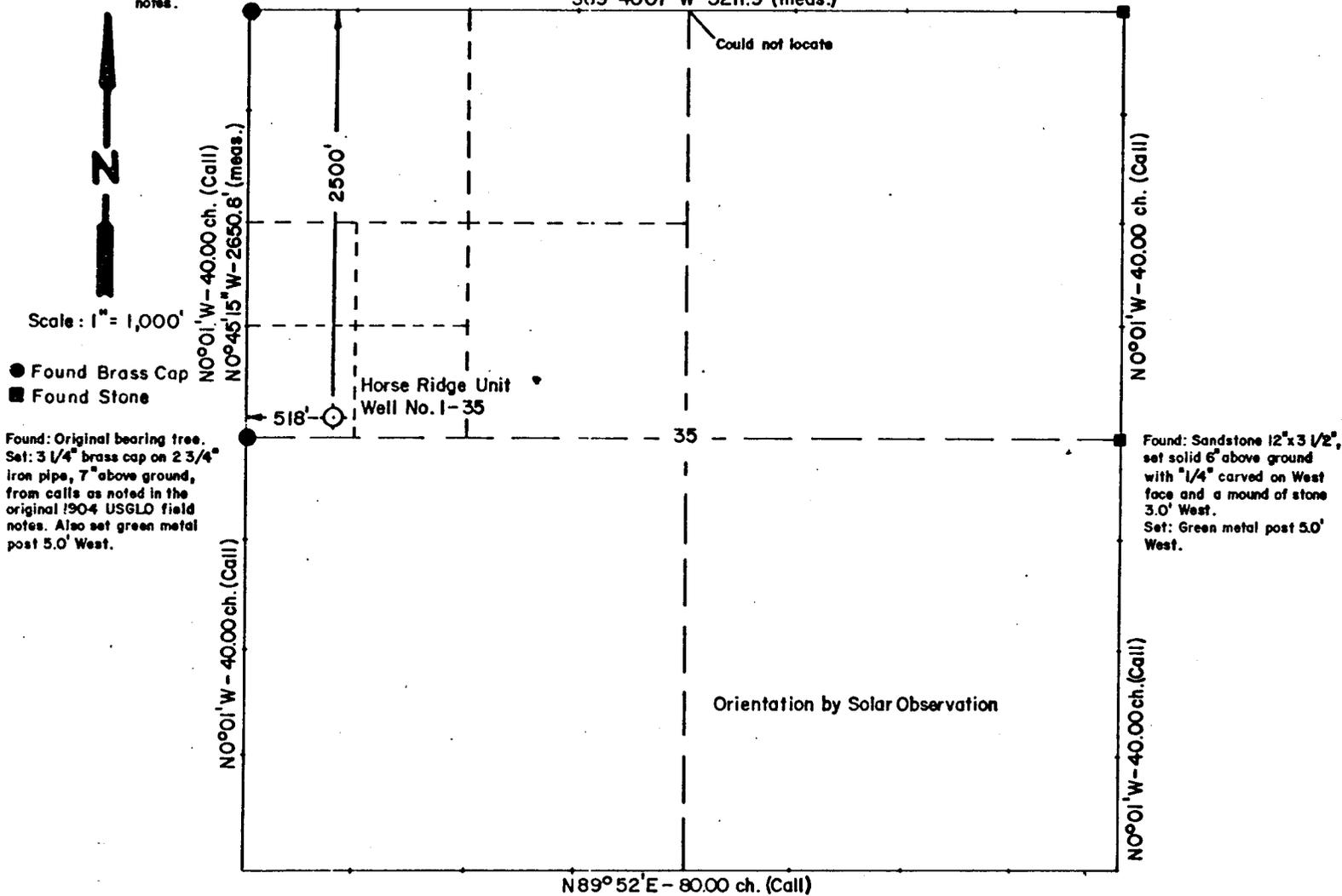
WILLIAM H. SMITH & ASSOCIATES
 SURVEYING CONSULTANTS

TELEPHONE: (307) 875-3638

Found: 3 of the 4 original bearing trees.
 Set: 3/4" brass cap on 2 3/4" iron pipe,
 8" above ground, using calls to the bearing
 trees as noted in the original 1904 field
 notes.

T 6 S R 9 W
 S89°50'W-80.14 ch. (USGLO Call)
 S89°40'07"W-5211.9' (meas.)

Found: Sandstone 7" x 6", set solid 6" above
 ground with 2 notches on East face and 1
 notch on the South. Mound of stone 2.0' West.
 Set: Green metal post 5.0' West.



I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Walt West of Casper, Wyoming for Marathon Oil Company made a survey on the 6th day of November 1980 for location and elevation of the Horse Ridge Unit Well No. 1-35. As shown on the above map, the wellsite is in the SW/4 SW/4 NW/4 of Section 35, Township 6 South, Range 9 West of the Uinta Special Meridian, Duchesne County, State of Utah. Elevation is 8776 feet ungraded ground Datum USGS Spot elevation 8970 ± 400' Westerly from the East quarter section corner of Section 1, T 7 S, R 9 W. Said point marked with 3 1/2" brass cap set in sandstone.

Reference Point	North	300.0'	Set 5/8" x 24" rebar and lath with flagging	Elevation top rebar = 8767.5
Reference Point	South	300.0'	Set 5/8" x 24" rebar and lath with flagging	Elevation top rebar = 8780.7
Reference Point	East	300.0'	Set 5/8" x 24" rebar and lath with flagging	Elevation top rebar = 8765.2
Reference Point	West	300.0'	Set 5/8" x 24" rebar and lath with flagging	Elevation top rebar = 8797.4

Job No. 137-80

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

MARATHON OIL COMPANY
DRILLING OPERATIONS PLAN

DATE: March 25, 1981

WELL NAME: Horse Ridge Unit #1-35

LOCATION: 2500' FNL & 518' FWL, Sec. 35, T6S, R9W, USM, Duchesne Co., Utah

1. Geologic name of the surface formation:
Green River "B" Formation
2. Estimated tops of important geological markers:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River "C"	330'	(+8,430')
Wire Fence	737'	(+8,023')
Green River "D"/ Black Shale Facies	760'	(+8,000')
Green River "E"	1,110'	(+7,650')
Colton "A"	1,760'	(+7,000')
Colton "B"	2,100'	(+6,660')
T.D.	2,500'	(+6,260')

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

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>	<u>Probable Content</u>
Green River "C"	330'	(+8,430')	Water
Wire Fence	737'	(+8,023')	Water, Oil, & Gas - Secondary Obj.
Green River "D"/ Black Shale Facies	760'	(+8,000')	Water, Oil, & Gas
Green River "E"	1,110'	(+7,650')	Water, Oil, & Gas - Secondary Obj.
Colton "A"	1,760'	(+7,000')	Water, Oil, & Gas - Secondary Obj.
Colton "B"	2,100'	(+6,660')	Water, Oil, & Gas - Primary Obj.

4. The Proposed Casing Program:

Casing Design

<u>CASING STRING</u>	<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE AND JOINT</u>	<u>NEW OR USED</u>	<u>MUD WEIGHT</u>	<u>TENSION LOAD</u>	<u>SF_t</u>	<u>SF_c</u>	<u>SF_b</u>
Conductor	17-1/2"	0'- 40'	40'	13-3/8"	54.5# K-55	NEW					
Surface	12-1/4"	0'- 500'	500'	9-5/8"	36.0# K-55	NEW	9.4	18	23.5	8.18	3.13
Production	7-7/8"	0'- 2500'	2500'	5-1/2"	15.5# K-55	NEW	9.4	39	6.51	3.72	4.67

Cement Program

9-5/8" Casing

Cement Volume: 500 ft x .3132 cu. ft/ft x 2.0 excess = 320 cu. ft.

Slurry: 500' calculated plus 100% excess - 280 sacks of Class "G" cement containing 1/2[#]/sack cellophane flakes and 2% CaCl₂.

Slurry Yield: 1.14 cu. ft./sack

Slurry Density: 15.9 lb/gal.

Water Requirement: 5.00 gal/sack

Casing Equipment: Guide shoe, insert float valve, 3 centralizers. WOC time will be a minimum of 8 hours. If float equipment holds, closed-in pressure after cementing is not recommended.

5-1/2" Casing

Cement Volume: 2,500 ft x .1733 cu. ft/ft. x 1.50 excess = 650 cu. ft.

Slurry: 2,500' calculated plus 50% excess from logs - 385 sacks of thixotropic cement (i.e. Halliburton Thickset w/1% component A, 1/4% component B, 3% salt) containing 1/4[#]/sack cellophane flakes, and 10 lbs. gilsonite per sack.

Slurry Yield: 1.69 cu. ft./sack

Slurry Density: 12.7 lb/gal.

Water Requirement: 7.7 gal/sack

Casing Equipment: Guide shoe, float collar, 10 centralizers. If float holds, closed-in pressure after completion of cement job is not recommended.

Slurry Preflush: 20 bbls 2% KCl.

5. Pressure Control Equipment:

A diverter system shall be installed on the 13-3/8" conductor pipe prior to spudding the well to safely direct the flow of any fluid at the surface away from the rig. This system will consist of a rotating head, rigged up over a drilling spool and casing flange. Minimum O.D. of the relief line shall be at least 4" throughout the system.

Following setting of the 9-5/8" surface string, BOP equipment will include a double-ram type preventer with pipe and blind rams and a rotating head (API arrangement SRdG). All equipment will have a 3,000 psi or greater working pressure. Rams, valves, lines, choke manifold and casing will be tested to 200 psi for 5 minutes and 1,000 psi for 5 minutes prior to drilling out from under 9-5/8" surface casing. After drilling casing shoe and 5 feet of additional hole, a shoe test will be performed to 13.0 ppg equivalent mud weight or leakoff, whichever occurs first. The accumulator should be of sufficient capacity to meet the following requirements:

1. Ability of immediate closure to all members of the stack without recharging.
2. A total of 50% of the original fluid should remain as a reserve after accumulator activation.
3. A minimum pressure of 1,200 psi is required to insure that the preventers remain closed.

Visual checks of the equipment will be made tourly. Function pipe rams daily and blind rams on trips.

6. Drilling Mud Program:

<u>From</u>	<u>To</u>	<u>Type Mud</u>	<u>Weight</u>	<u>% Oil</u>	<u>Water Loss</u>
Surface	500'	Gel/Water	8.5-8.9	N/A	N/A
500'	2,500'	Air	N/A	N/A	N/A

If excessive water production is encountered while air-drilling, it may be necessary to change-over to an aerated water system. However, pits will be maintained at all times with sufficient fluid level to fill the wellbore if a rapid change-over is necessary.

7. Auxillary Equipment Required:

A drilling rate recorder calibrated to record drilling time for each one foot interval will be used.

The mud system will include a shale shaker, desander/desilter, gas buster/degasser. Both a remote adjustable choke and a manual choke will be used.

7. Auxillary Equipment Required (Con't):

A kelly cock will be used and a full opening manual safety valve will be available on the rig floor.

A single shot drift indicator will be used.

Equipment for air-drilling will include compressors & booster, chemical injection pump, fire stop and fire float will be used.

Deviation Control:

<u>From</u>	<u>To</u>	<u>Maximum Distance Between Surveys</u>	<u>Maximum Deviation From Vertical</u>	<u>Maximum Change Per 100' of Depth</u>
0'	500'	250'	1°	1°
500'	2,500'	250'	5°	1°

No faulting is anticipated.
The beds dip 5-6° NE.

8. Testing, Logging, Coring and Fracing Program:

When drilling with mud, samples will be taken at 10' intervals from surface to T.D. When air-drilling, samples will be taken at 30' intervals. A mud logging unit will be on the well from surface to T.D.

The 7-7/8" hole will be air-drilled unless severe water production is encountered. The following logs will be run in the unfilled wellbore from T.D. to surface casing shoe: DIL, GR, FDC, SNP, CAL, with GR to surface.

Two DST's are anticipated, one in the Green River Formation, and one in the Colton Formation, or as shows warrant.

No cores are anticipated.

Fracing Program: 500 gals., 15% acid, each zone.

Proposed: If needed, 30,000 gals. of gelled water and 50,000# of 20-40 sand. See diagram "F".

9. Abnormal Conditions:

Normal pressure and temperature gradients are anticipated.

A maximum pressure of 1,250 psi is expected at T.D.

A maximum temperature of 100° F. is expected at T.D.

MARATHON OIL COMPANY
DRILLING OPERATIONS PLAN
PAGE FIVE

10. Anticipated Starting Date and Duration:

Starting Date: 2nd Quarter

Duration: 10 days

Name

ME. Kugh

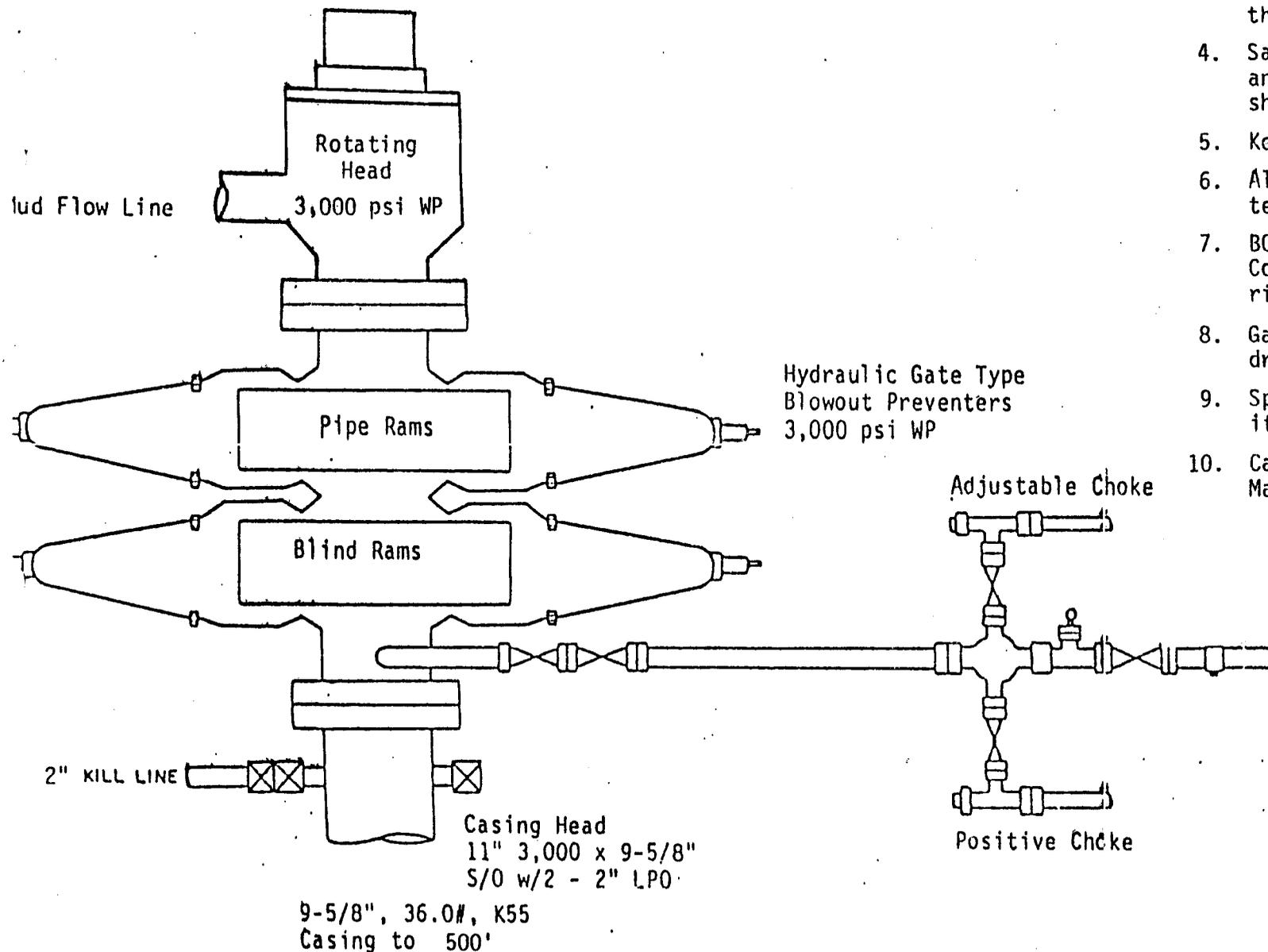
Title

District Drilling Supt

Date

3-24-81

Horse Ridge #1-35
 2,500' FNL, 518' FWL
 Section 35, T6S, R9W
 Duchesne County, 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 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. Gauge will be installed for testing but removed while drilling.
9. Spool not required, but when side outlet on BOP's is used, it must be below bottom ram.
10. Casinghead and casinghead fittings to be furnished by Marathon Oil Company.

MARATHON OIL COMPANY
SURFACE USE & OPERATIONS PLAN

DATE: March 25, 1981

WELL NAME: Horse Ridge Unit #1-35

LOCATION: 518' FWL & 2500' FNL, SW, SW NW, Section 35, T6S, R9W,
Uinta Special Meridian, Duchesne Co., Utah

#1 Existing Roads:

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

See surveyors plat

- B. Route and distance from nearest town and locatable reference point to where well access route leaves main road.

30 miles northwest of Price, Utah, in the Ashley National Forest.

- 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.

Not applicable

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

All work will be done in accordance with specifications of U.S. Forest Service, Duchesne, Utah (verbal agreement between U.S. Forest Service & Marathon 3/12/81).

#2 Planned Access Roads:

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

(1) Width 18'

(2) Maximum grades 0-3%

(3) Turnouts None required

(4) Drainage design

Ditched & crowned, trailer ditches where needed.

(5) Location and size of culverts and brief description of any major cuts and fills.

None anticipated

(6) Surfacing material

See #1, Item F.

(7) Necessary gates, cattleguards, or fence cuts.

No cattle guards or fence cuts will be required.

(8) (New or reconstructed roads are to be center-line flagged at time of location staking).

See map diagram "A" color coded Green. All new access road is centered line flagged with hot Blue & orange flagging material. Archeological work will be done by U.S. Forest Service, Duchesne, Utah.

#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 rasources. | None |

#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.
See diagram "B".

- (2) Dimensions of Facilities

See diagram "B".

- (3) Construction methods and materials:

Good engineering practices will be used in the construction of these facilities and any needed materials will be obtained through local vendors and contractors.

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

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

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

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

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

#5 Location and Type of Water Supply:

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

A water well will be drilled on or near the location. A site will be picked at the time of predrill. All necessary State & Federal permits will be obtained.

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

See diagram "A" for proposed site.

- 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 is to be drilled on or near the well site.

#6 Source of Construction Materials:

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

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

- B. Identify if from Federal or Indian Land.

None

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

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

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

None

#7 Methods of handling Waste Disposal:

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

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

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

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

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

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

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

#8 Ancillary Facilities:

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

None planned.

#9 Wellsite Layout:

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

- (1) Cross sections of drill pad with cuts and fills.

See diagram "C".

- (2) Location of mud tanks, reserve, burn and trash pits, pipe racks, living facilities and soil material stockpiles.

See diagram "D".

- (3) Rig orientation, parking areas and access roads.

See diagram "D".

- (4) Statement as to whether pits are to be lined or unlined. (Approval as used in this section means field approval of location. All necessary staking of facilities may be done at time of field inspection). A registered surveyor is not mandatory for such operations. The lining of the pit will be decided upon at the time it is made by members of U.S. Forest Service and Marathon (verbal agreement between U.S. Forest Service & Marathon 3/12/81).

#10 Plans for Restoration of Surface:

State restoration program upon completion of operations, including:

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

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

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

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

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

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

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

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

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

#11 Other Information:

General Description of:

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

This information will be incorporated in the archeological report. The U.S. Forest Service will use their own

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

The drill site and access road is owned by U.S. Government. Administrators are the U.S. Forest Service, Duchesne, Utah.

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

There is no water or occupied dwellings in the area. Archeologist will be from U.S. Forest Service, Duchesne, Utah.

#12 Lessee's or Operator's Representative:

Mike E. Krugh: Marathon Oil Company (307) 577-1555 Office
P. O. Box 2659 (307) 577-1664 Home Phone
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:

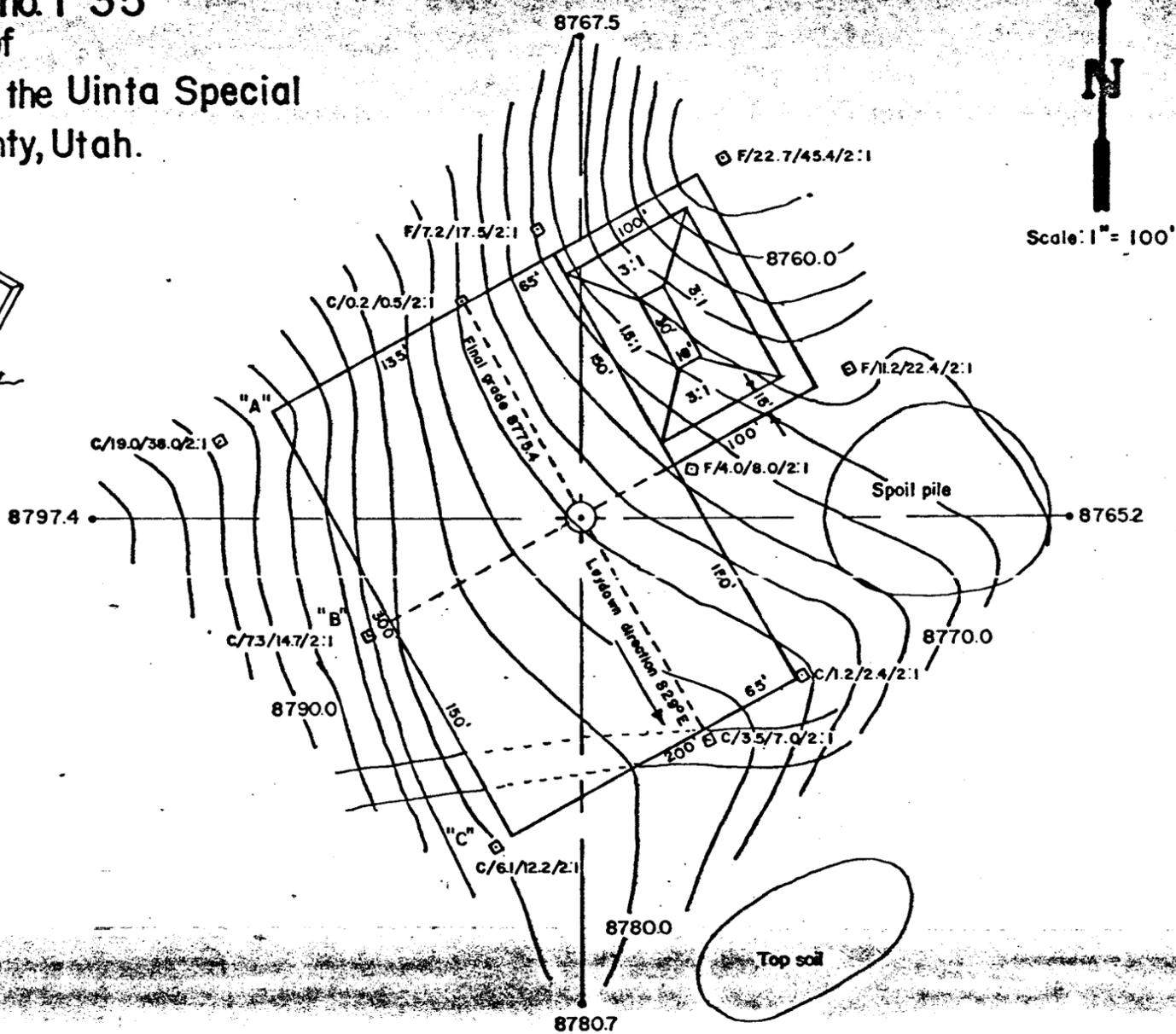
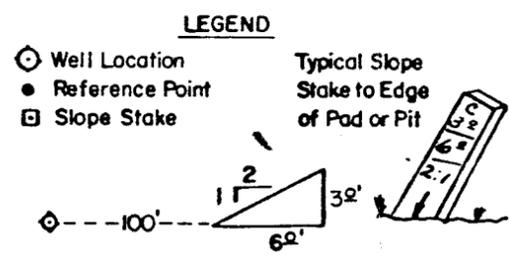
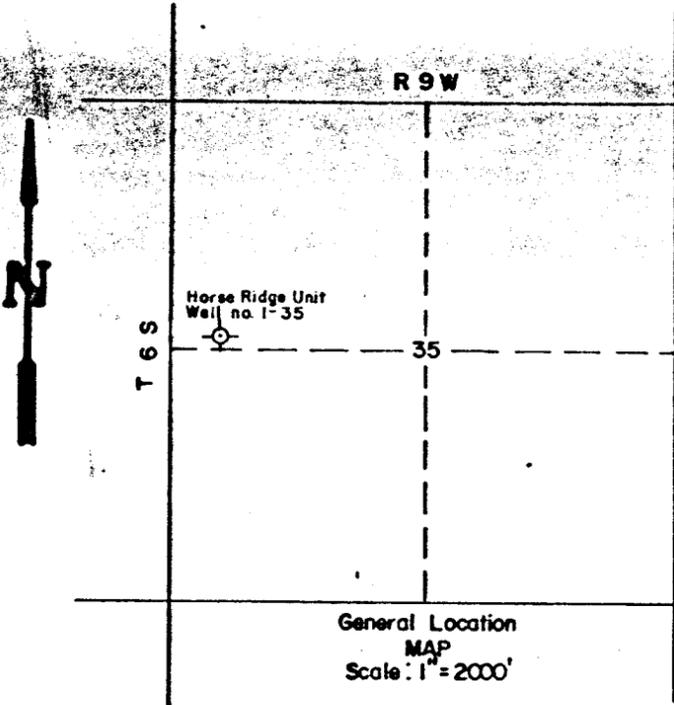
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

3-24-81
Date

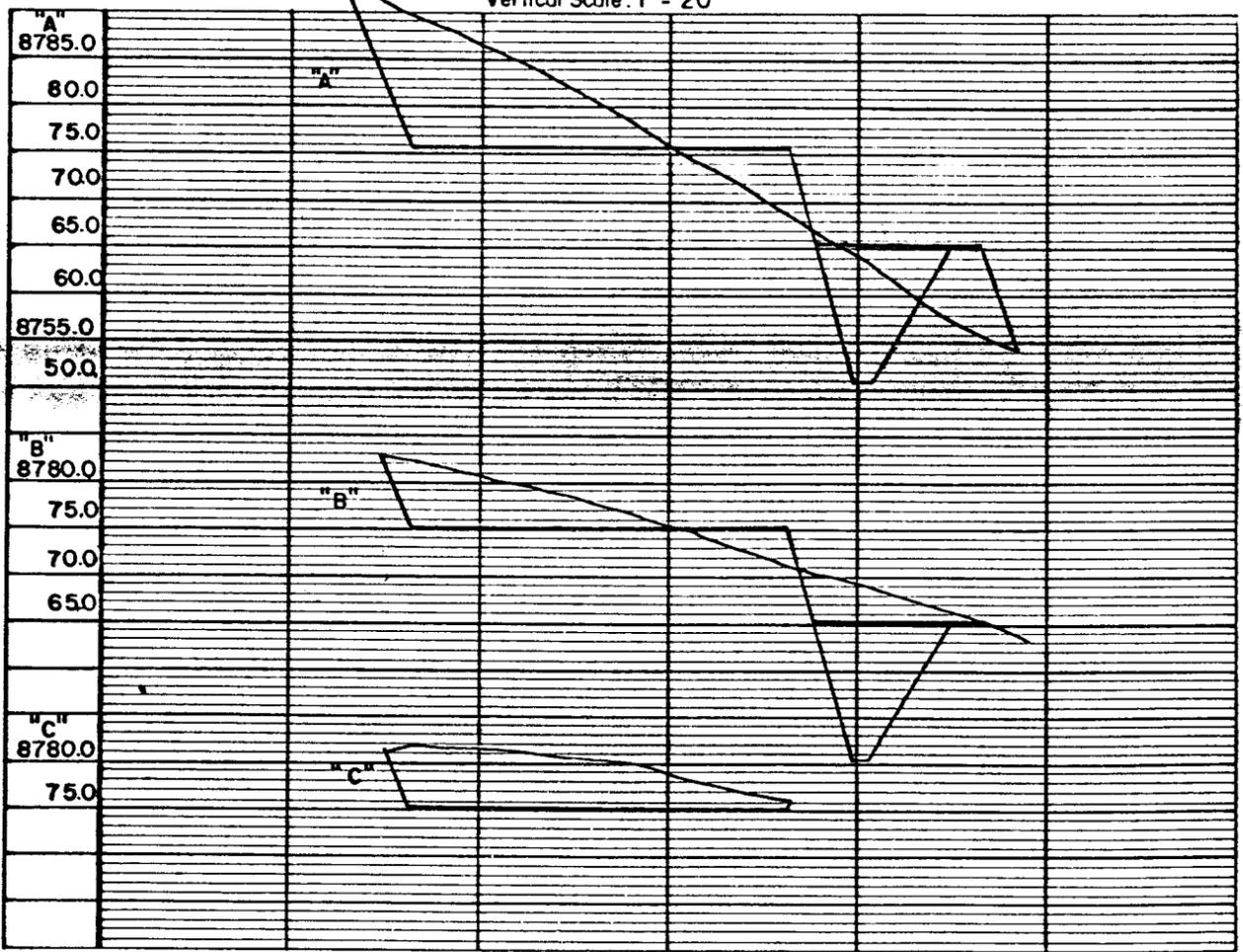
Michael E. Krugh
Name

District Drilling Supt.
Title

Marathon Oil Company
Horse Ridge Unit Well no. I-35
 Located in the NW/4 of
 Section 35, T6S, R 9 W of the Uinta Special
 Meridian, Duchesne County, Utah.



Cross Sections
 of
 Laydown Direction & Reserve Pit
 Horizontal Scale: 1" = 100'
 Vertical Scale: 1" = 20'



Total Yardage

Cut = 12,219	Cu. Yds.
Fill = 2,633	Cu. Yds.
Spoil pile = 6,758	Cu. Yds.
Top soil = 2,778	Cu. Yds.

Reserve pit capacity = 14,025 Barrels at 15' depth.

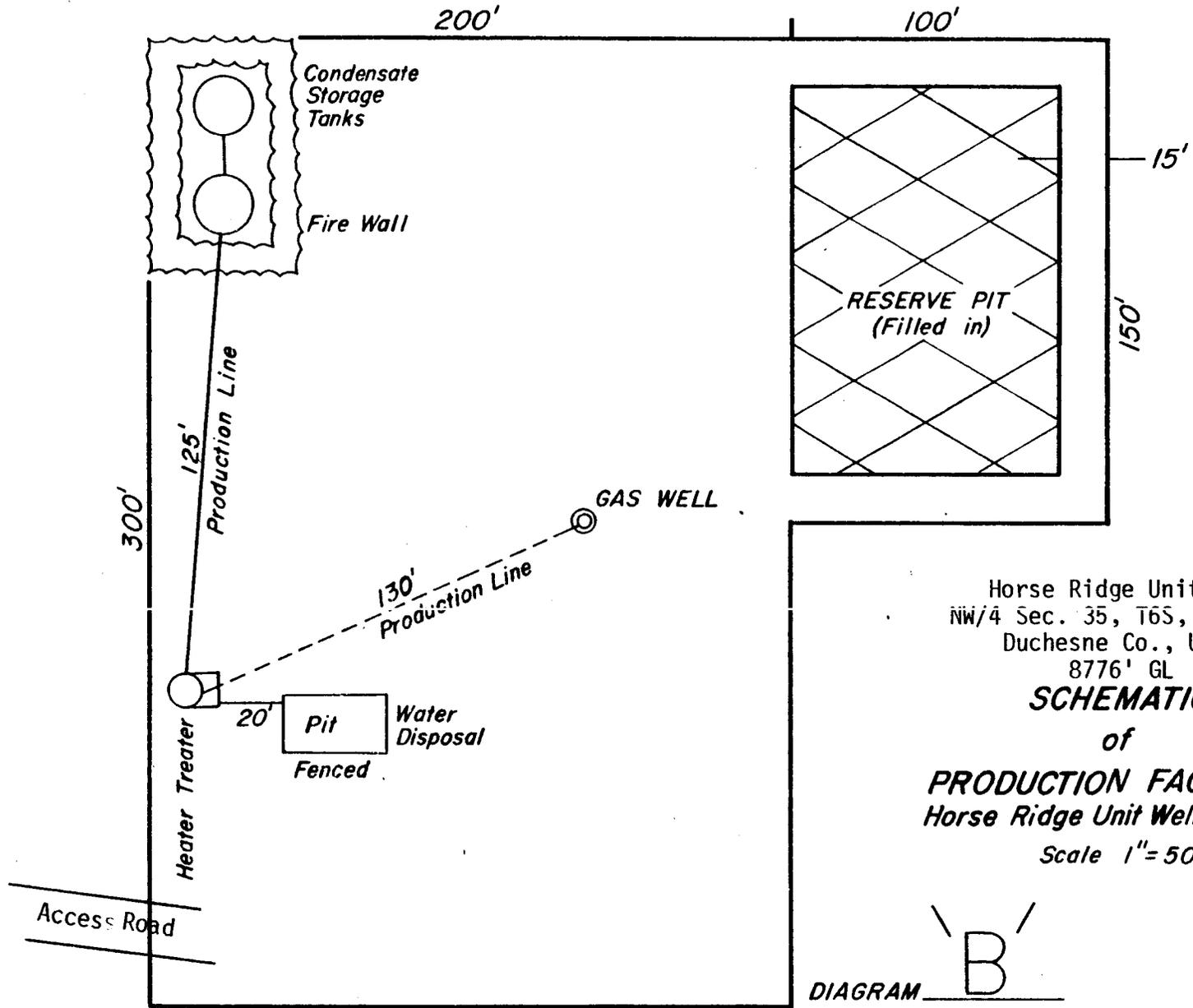
MAP
 To
 Accompany Application
 For
PERMIT TO DRILL
 Applicant:
 Marathon Oil Company
 P.O. Box 120
 Casper, Wyoming 82601

Prepared
 By
 William H. Smith
 & Associates P.C.
 Surveying Consultants

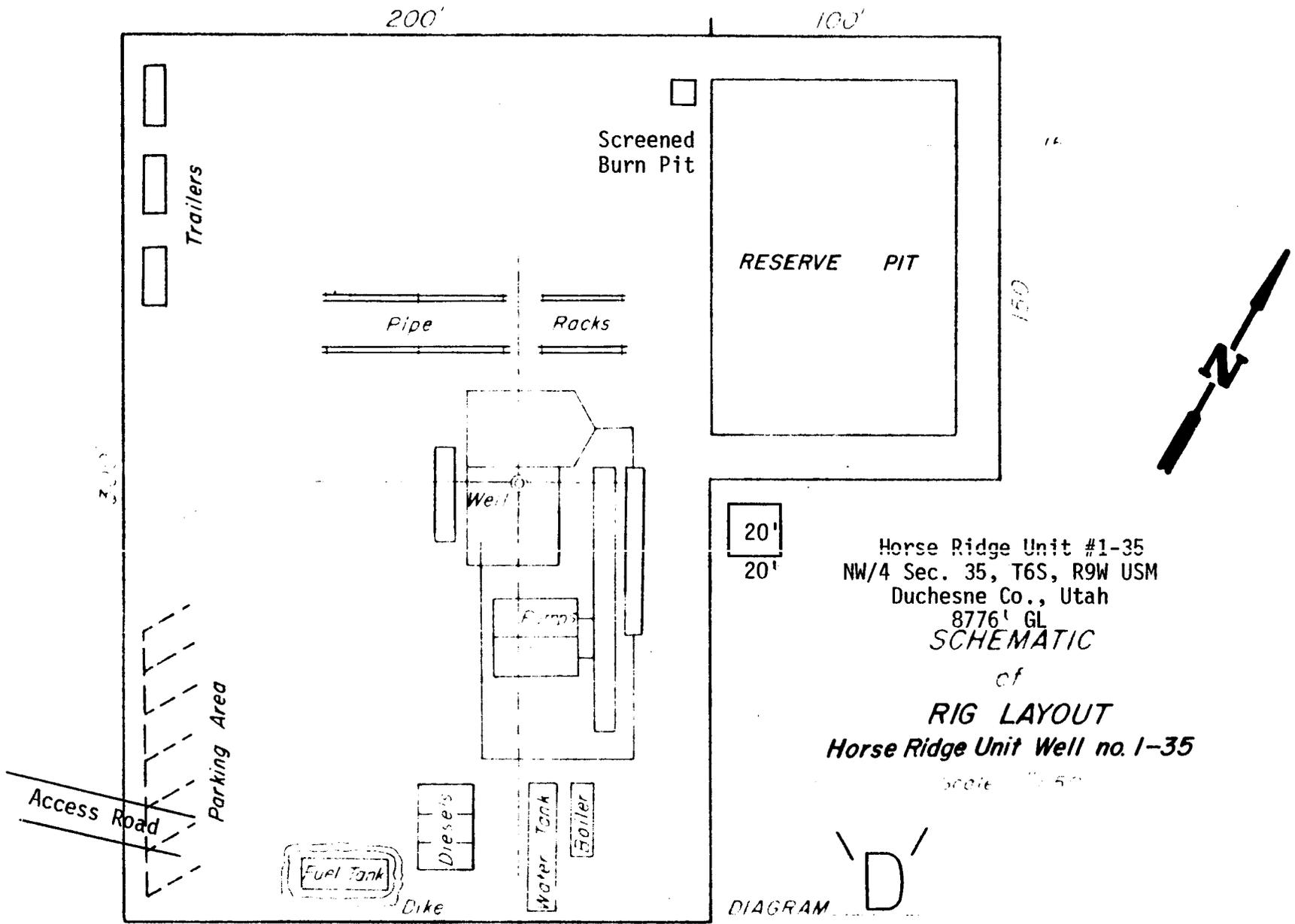
DIAGRAM C

By: MLD
 Date: 11/18/80

Job No. 137-80



Horse Ridge Unit #1-35
 NW/4 Sec. 35, T6S, R9W USM
 Duchesne Co., Utah
 8776' GL
SCHEMATIC
 of
PRODUCTION FACILITIES
 Horse Ridge Unit Well no. 1-35
 Scale 1"=50'

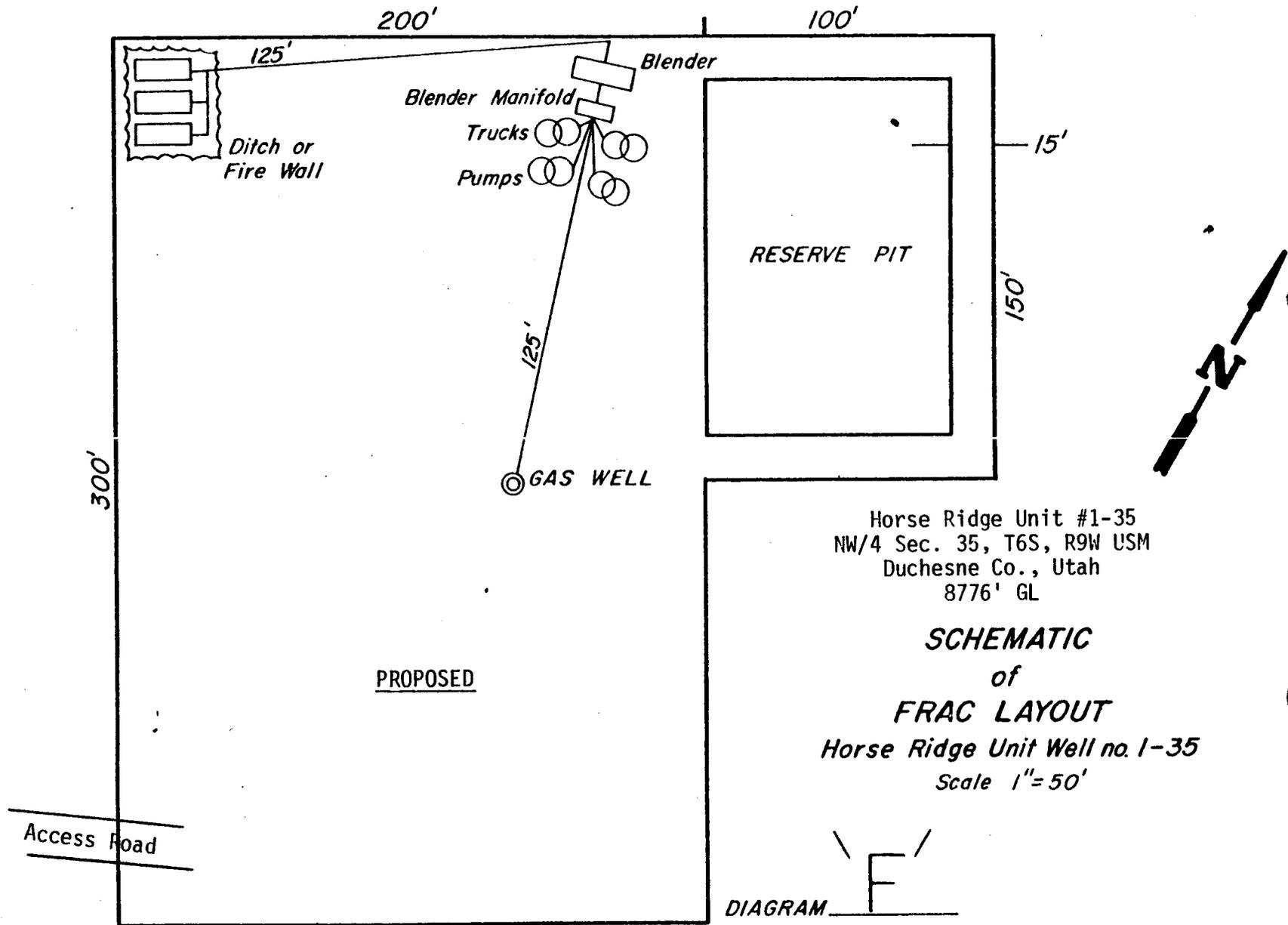


Horse Ridge Unit #1-35
 NW/4 Sec. 35, T6S, R9W USM
 Duchesne Co., Utah
 8776' GL
SCHMATIC
 of
RIG LAYOUT
 Horse Ridge Unit Well no. 1-35
 Scale 1" = 50'

20'
 20'

DIAGRAM

'D'



** FILE NOTATIONS **

DATE: Aug. 28, 1981
OPERATOR: Marathon Oil Company
WELL NO: Horse Ridge # 1-35
Location: Sec. 35 T. 6S R. 9W County: Duchess

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

API Number 43-013-30597

CHECKED BY:

Petroleum Engineer: M. J. Minder 9-2-81 Per call 9-2-81 S. Nation, Marathon & Superior control all acreage within a 660' radius of proposed site - he will send written confirmation

Director: _____

Administrative Aide: OK as per Rule C-3(c), _____

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. _____ O.K. Rule C-3

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

Lease Designation Plotted on Map

Approval Letter Written

Hot Line P.I.

D. E. CASADA
RIG AND CONSTRUCTION CONTRACTOR

POST OFFICE BOX K

VERNAL, UTAH 84078

PHONE 789-1020

June 3, 1981

Mr. Walt West
Marathon Oil Company
P.O. Box 2659
Casper, WY 82602

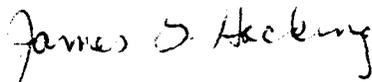
Dear Mr. West:

Re: Equipment to be used on The Horse
Ridge locations

We possibly will have one or two camp trailers, a fuel truck, a
fresh water tank, a privy and one generator.

We are looking forward to working for you.

Sincerely,



James G. Hacking
Superintendent

JGH:lh

5

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 New wells to be drilled

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:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD OR WILDCAT NAME

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

12. COUNTY OR PARISH | 13. STATE

14. API NO.

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

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"/>

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

(other) Amendment to APD's, Item 8, Surface Use Plan, Horse Ridge wells, #1-35, #1-10, #1-3.

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.)*

At the predrill meeting on June 2, 1981, Mr. James Hacking of D. E. Casada Construction, asked Walt West of MOC to set up a small camp while making the locations on the three proposed wells and access roads. Permission was verbally granted by Walt West, MOC, Greg Darlington, U.S.G.S., Don Peterson, USFS, District Ranger, provided that no trash, defecation, refueling residue from the fuel truck or generator be make; this Mr. James Hacking agreed to. We, therefore, request an amendment to Item 8 of the 13-Point Program be made to include a camp while construction of the sites are being made.

JUN 12 1981

DIVISION OF OIL, GAS & MINING
Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Sal Caddy District Operations Manager DATE June 9, 1981

(This space for Federal or State office use)

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

Attached is a copy of the equipment that D.E. Casada will have on the camp site.

SUPERIOR OIL

RECEIVED

July 28, 1981

DIVISION OF
OIL, GAS & MINING

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

ATTENTION: Cleon B. Feight

RE: Horse Ridge Unit
Superior #43-0-2-53
Marathon Operator
Duchesne, Utah and Wasatch Counties
Utah

Dear Mr. Feight:

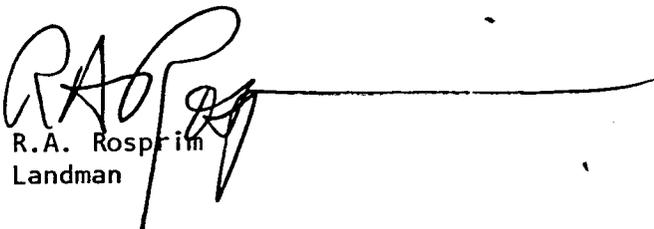
Earl Brown of Marathon Oil Company has advised us that you require a concurrence from Superior Oil Company regarding the drilling of Horse Ridge Unit Well #1-10. Please be advised that Superior concurs and approves in the drilling of this well at the proposed location. This location is 1574' FNL and 202' FWL, Section 10, T7S-R9W, Utah County, Utah.

Marathon has also proposed two other locations in this unit. These are the #1-35 in Section 35, T6S-R9W and the #1-3 in Section 3, T7S-R9W. Superior also approves of the proposed locations relative to its leases in this unit.

Please advise if you need any additional information from us regarding these proposed wells.

Respectfully,

THE SUPERIOR OIL COMPANY


R.A. Rosprim
Landman

RAR/cbb

cc: Earl Brown
Marathon Oil Company
P.O. Box 120
Casper, Wyoming 82602

The Superior Oil Company

Western Division

1860 Lincoln St., Suite 800,
Lincoln Tower Building, Denver, CO 80295
(303) 861-8261, Twx: 910 931 2539



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

August 10, 1981

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

RE: Well No. Horse Ridge #1-35,
Sec. 35, T. 6S, T. 9W,
Duchesne County, Utah

Dear Mr. West:

I am returning your Application For Permit to Drill the above referenced well. Should you desire at some future date to drill this well, please feel free to reapply. However, I would call your attention to the proposed location, which will necessitate a request for an unorthodox location under Rule C-3(c), in the General Rules and Regulations of Practice and Procedure.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
Enclosure

INTRACOMPANY CORRESPONDENCE

TO Walt West DATE August 17, 1981
OFFICE Operations FROM R. Earl Brown
Re: Unorthodox locations for OFFICE Southern Area Land
(USE THIS LINE FOR FILE REFERENCE OR SUBJECT)
Horse Ridge Unit Wells 1-35 and 1-3

As requested, attached are letters for the unorthodox locations for the subject wells.

I apologize for the delay, but due to a misunderstanding in phone conversations, it was uncertain that these letters were necessary.

REB/lsh

enclosures



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

August 17, 1981

RECEIVED
AUG 20 1981

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

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Re: Well No. Horse Ridge 1-35
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 35, T.6S., R.9W., U.S.M.
Duchesne County, Utah

As requested in Mr. Minder's letter of August 10, 1981, the necessity for this unorthodox location is due to terrain. At an on-site inspection on June 2, 1981, representatives from the U.S.G.S. and the Forest Service also agreed to this location.

Yours truly,

Sherman O. Nation
Sherman O. Nation
Area Land Supervisor

SON/REB/1sh

cc: W. E. West

September 2, 1981

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

RE: Well No. Horse Ridge #1-35,
Sec. 35, T. 6S, R. 9W,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), 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:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-3771
Home: 876-3001

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 43-013-30597.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS



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

September 8, 1981

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

Attention: Michael T. Minder

Re: Horse Ridge Unit Well #1-35
2500 feet FNL, 518 feet FWL
Sec. 35, T7S-R9W, Utah Special Meridian
Duchesne County, Utah

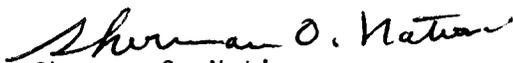
Gentlemen:

In accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, please be advised that Marathon Oil Company and Altex Oil Corporation are the lessees (50% each) of record for Federal Lease U-21678, which covers All of Sections 33, 34, 35 and 36, T. 7 S., R. 9 W., Utah Special Meridian.

Through agreements to be worked out with Altex, Marathon will be the operator of any well drilled on the above described lands and will control the acreage within a 660 foot radius of the proposed well site.

The unorthodox well location is necessitated because of terrain and as a result of an on-site inspection held with representatives of the U.S.G.S. and Forest Service on June 2, 1981.

Very truly yours,


Sherman O. Nation
Area Land Supervisor

SON/mm



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 5, 1982

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

Re: Well No. Horse Ridge #1-35
Sec. 35, T. 6S, R. 9W
Duchesne County, Utah

Well No. Horse Ridge #1-3
Sec. 3, T. 7S, R. 9W.
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist



**Marathon
Oil Company**

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

April 13, 1982

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

Re: Well No. Horse Ridge #1-35 Well No. Horse Ridge #1-10
 Sec. 35, T6S-R9W Sec. 10, T7S-R9W
 Duchesne County, Utah Duchesne County, Utah

Well No. Horse Ridge #1-3
Sec. 3, T7S-R9W
Duchesne County, Utah

Gentlemen:

In reference to your letter dated April 5, 1982, regarding the above-mentioned wells, please be informed that Marathon Oil Company still plans to drill the three wells. If any further correspondence is necessary, please send it to my attention at the following address:

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'James H. Youngflesh'.

James H. Youngflesh
Area Land Supervisor

JHY/mm

RECEIVED
APR 17 1982
DIVISION OF
OIL, GAS & MINING

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

September 21, 1982

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

Re: Applications for Permit to Drill
Well Nos. 1-35 and 1-3
Section 35-T6S-R9W and
Section 3-T7S-R9W, respectively
Duchesne County, Utah
Lease Nos. U-21678 and U-22775

Gentlemen:

The referenced Applications for Permit to Drill were received in this office on March 30, 1981.

We are returning your applications unapproved, per your letter dated September 15, 1982. If you again desire to drill at these locations, new complete packages must be submitted.

If you have any questions, please feel free to call.

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Vernal
Well Files
APD Control

DH/dh



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building - Salt Lake City, UT 84114 - 801-533-5771

September 29, 1982

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

RE: Well Nos. 1-35 and 1-3
Sec. 35, T.6S, R.9W and
Sec. 3, T.7S, R.9W
Duchesne County, Utah

Gentlemen:

Approval for Application for Permit to Drill the above referenced wells are rescinded as of the above date in concert with action taken by Minerals Management Service.

If you intend to drill at this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

Norm Stout
Administrative Assistant

NS/as