

**ENRON**  
**Oil & Gas Company**

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

September 17, 1990

Bureau Of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

Attn: Margie Herrmann

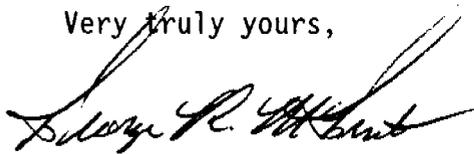
RE: WILD HORSE FEDERAL 1-35  
SECTION 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

Dear Margie:

I state that Enron Oil & Gas Co. will be the operator of subject well. We will be using Nation Wide Bond #745632 and we will be responsible and agree to the terms and conditions of such bond.

If you require further information, please call this office.

Very truly yours,



George R. McBride  
Production Foreman

GRM/lw  
0939MM/

cc: File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

PERMIT IN TRIPPLICATE  
(Other Instructions  
Form 3160)

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

4 LEASE DESIGNATION AND SERIAL NO.  
U-3405

5 IF INTEREST ALLOTTED BY TRUST NAME

7 UNIT AGREEMENT NAME

8 NAME OF LEASE NAME  
Wild Horse Federal

9 WELL NO.  
1-35

10 FIELD AND POOL OR WILDCAT  
OSC/Wasatch

11 SEC. T., R., N., OR BLK. AND SURVEY OR AREA  
Sec. 35, T10S, R19E

12 COUNTY OR PARISH 13 STATE  
Uintah Utah

SUNDRY NOTICES AND REPORTS ON WELLS

USE THIS FORM FOR: (1) REPORTS ON WELLS; (2) SUNDRY NOTICES; (3) APPLICATION FOR PERMITS FOR SUCH PROPOSALS.

1 OF:  WELL  OTHER

2 NAME OF OPERATOR  
Enron Oil & Gas Co.

3 ADDRESS OF OPERATOR  
P.O. Box 1815, Vernal, Utah 84078

4 LOCATION OF WELL (Keep location clearly and is recorded with any State requirements. Show any special ID marks at surface.)  
874' FNL & 717' FEL NE/NE

14 PERMIT NO. 15 ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,374' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OF ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANT

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OF ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Other) Est. Bottom Hole Pressure

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

17 DIS. FILE PROPOSAL 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 spots pertinent to this work).\*

Enron Oil & Gas Co. anticipates the Bottom Hole Pressure on this well will be 2244 PSI.

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

SIGNED Linda L. Wau TITLE Sr. Admin. Clerk DATE 9-18-90

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**ENRON**  
**Oil & Gas Company**

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

September 17, 1990

**RECEIVED**  
SEP 28 1990  
DIVISION OF  
OIL, GAS & MINING

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

Attn: Mr. Ed Forsman

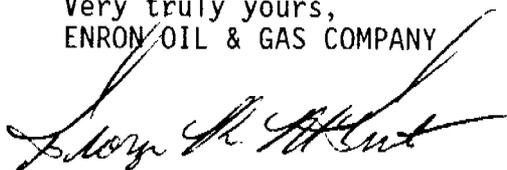
RE: WILD HORSE FEDERAL 1-35  
SECTION 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

Dear Mr. Forsman:

Attached is the Application For Permit To Drill, Survey Plats and Surface Use and Operating plans for the referenced well.

If further information is required regarding this matter, please contact this office.

Very truly yours,  
ENRON OIL & GAS COMPANY



George R. McBride  
Production Foreman

GRM/lw  
0937mm/

Attachments

cc: ~~State Division of Oil, Gas & Mining~~  
D. Weaver  
R. Dean  
D. Zlomke  
R. Mellott  
File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-3405

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wild Horse Federal

9. WELL NO.

1-35

10. FIELD AND POOL, OR WILDCAT

ESC/Wasatch *Natural* *Buttes* *1030*

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

Sec. 35, T10S, R19E

12. COUNTY OR PARISH 13. STATE

Uintah Utah

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

Enron Oil & Gas Co.

3. ADDRESS OF OPERATOR

P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

*860*  
*874*  
At proposed prod. zone  
FNL & 717' FEL NE/NE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

52 Miles South of Vernal, Utah

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

717'

16. NO. OF ACRES IN LEASE

1,600

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

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

2,112'

19. PROPOSED DEPTH

6,500' *WJTC*

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,374'

22. APPROX. DATE WORK WILL START\*

October 1, 1990

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	200'	250 sx Class G/1/2# sx Flocele
7 7/8"	4 1/2"	11.6#	6,500'	Sufficient to protect zones

SEE ATTACHEMNTS FOR:

- Surface Use and Operating Plan
- 8 Point Plan
- Drilling Program
- BOP Design
- Location Plat
- Location Layout
- TOPO Maps "A" "B" & "C - Area Map"
- Production Facilities Schematic
- Archeological Survey
- Estimated Bottom Hole Pressure
- Nation Wide Bond Number

RECEIVED  
SEP 28 1990

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Linda L. Wau TITLE Sr Admin Clerk DATE 9-18-90

(This space for Federal or State office use)

PERMIT NO. 43-047-31900

APPROVAL DATE 10/18/90  
OF U.S. DEPARTMENT OF THE INTERIOR  
OIL, GAS & MINING

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

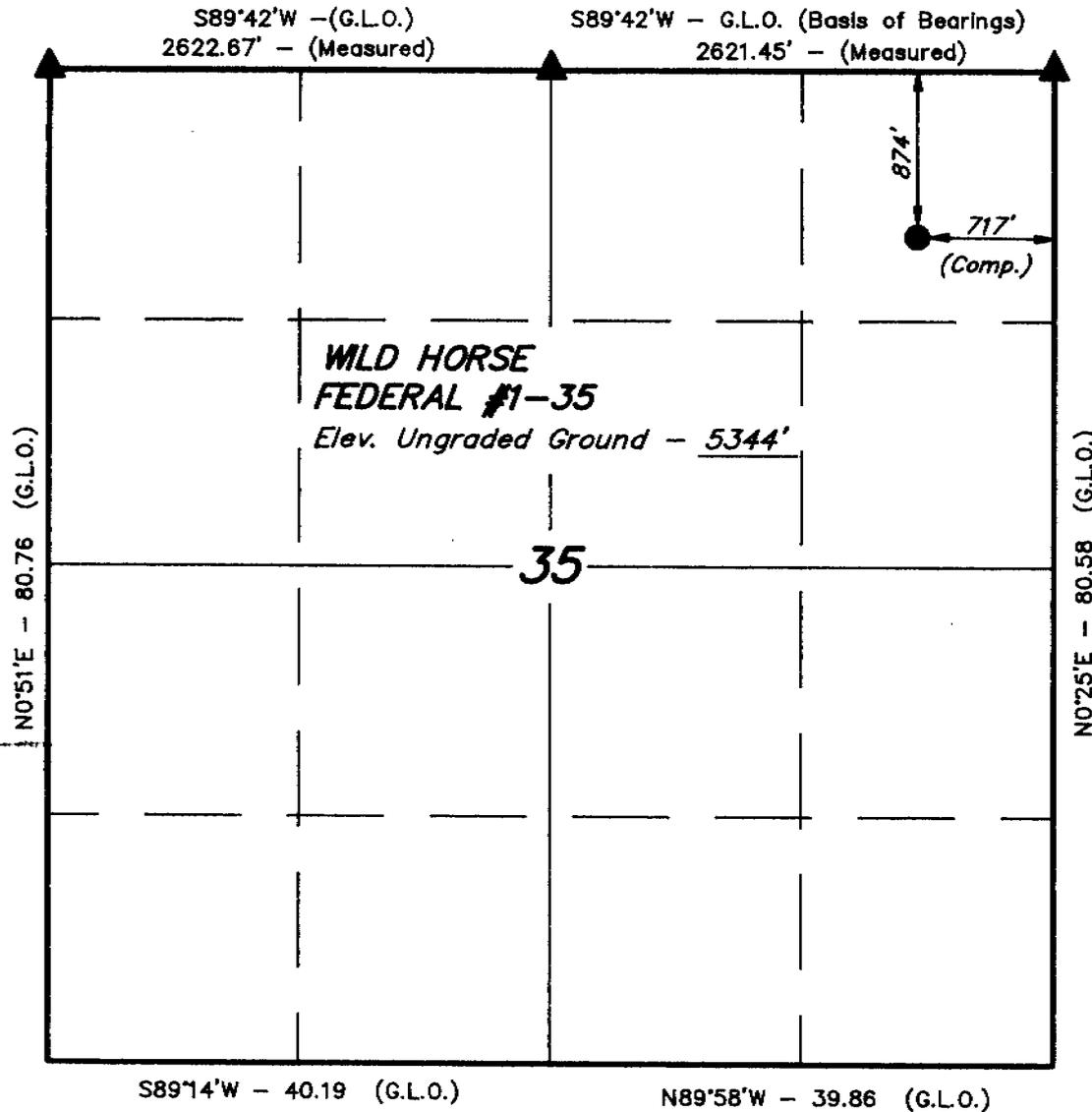
DATE: 10/18/90  
BY: [Signature]  
WELL NO. 43-047-31900

\*See Instructions On Reverse Side

# T10S, R19E, S.L.B.&M.

## ENRON OIL & GAS CO.

WELL LOCATION, WILD HORSE FEDERAL #1-35  
 LOCATED AS SHOWN IN THE NE 1/4 NE 1/4  
 OF SECTION 35, T10S, R19E, S.L.B.&M.  
 UTAH COUNTY, UTAH.



### BASIS OF ELEVATION

SPOT ELEVATION AT THE NE CORNER OF SECTION 35, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5374 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kees*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5708  
 STATE OF UTAH

**UTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX 1758 - 85 SOUTH 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9-4-90
PARTY J.T.K. G.S. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

#### NOTE:

WELL BEARS S39°29'57"W  
 1137.58' FROM THE NE  
 CORNER OF SECTION 35.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
 Enron Oil & Gas Co.

3. ADDRESS OF OPERATOR  
 P.O. Box 1815, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 860' FNL & 717' FEL NE/NE  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 52 Miles South of Vernal, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drig. unit line, if any)  
 717'

16. NO. OF ACRES IN LEASE  
 1,600

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 2,112'

19. PROPOSED DEPTH  
 6,500' *WSTC*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5,374'

22. APPROX. DATE WORK WILL START\*  
 October 1, 1990

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	200'	250 sx Class G 3/4# sx Flocele
7 7/8"	4 1/2"	11.6#	6,500'	Sufficient to protect zones

Enron Oil & Gas Co. has changed the location of this well from:  
 874' FNL & 717' FEL NE/NE to:  
 860' FNL & 717' FEL NE/NE

OIL AND GAS	
DFN	RF
JFB	GH
DIS	SS
<i>TAS</i>	
MICROFILM	
FILE	

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 Linda L. Wall TITLE Asst. Admin. Clerk DATE 9-28-90

(This space for Federal or State office use)

PERMIT NO. 43-047-31900

APPROVAL DATE

APPROVED BY THE STATE  
 OF UTAH  
 OIL, GAS AND MINING

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

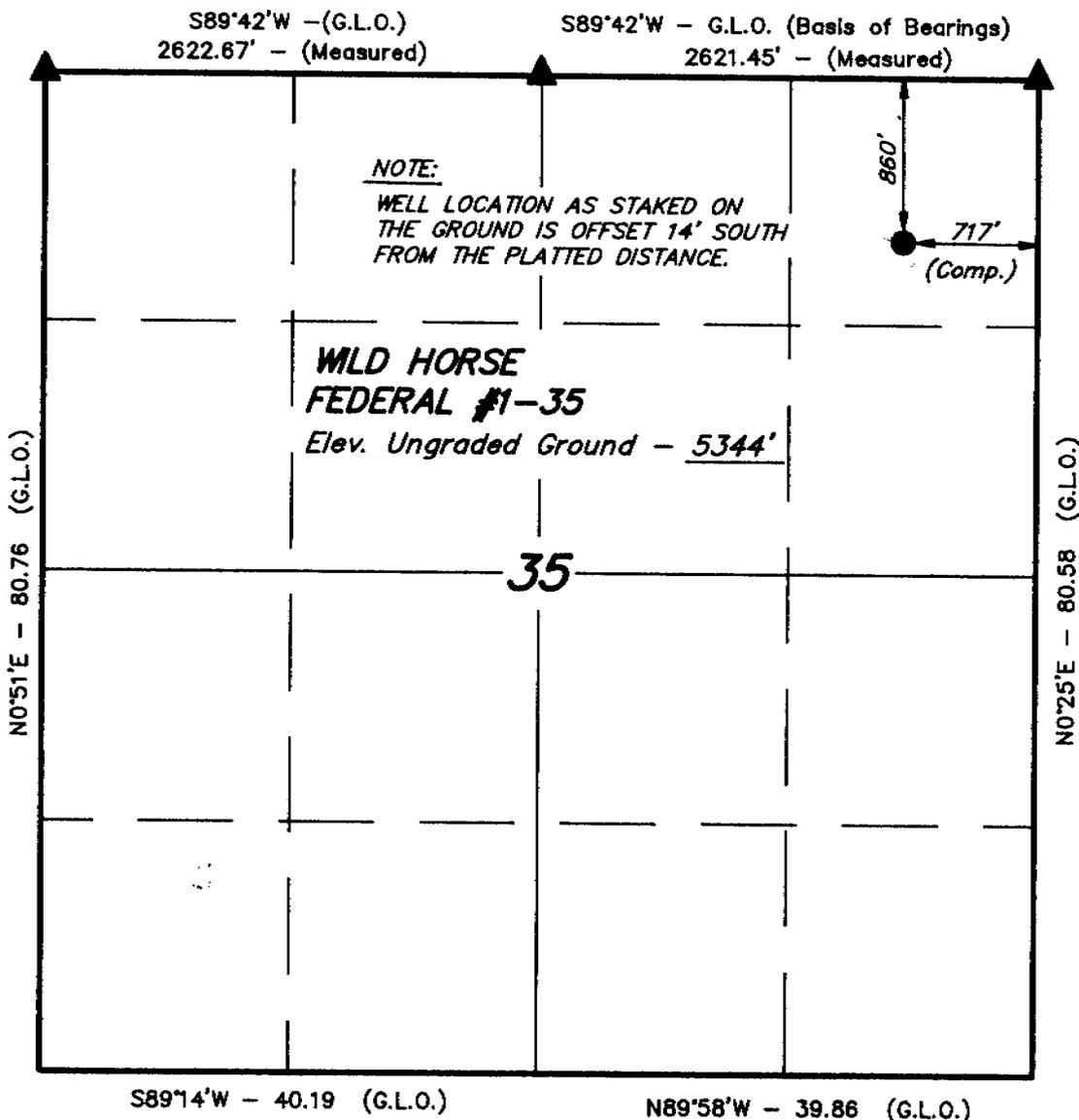
DATE: 10/18/90  
 BY: [Signature]  
 WELL SPACING: R615-30

\*See Instructions On Reverse Side

# T10S, R19E, S.L.B.&M.

## ENRON OIL & GAS CO.

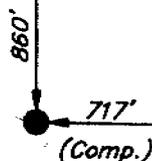
WELL LOCATION, WILD HORSE FEDERAL #1-35  
 LOCATED AS SHOWN IN THE NE 1/4 NE 1/4  
 OF SECTION 35, T10S, R19E, S.L.B.&M.  
 UTAH COUNTY, UTAH.



**NOTE:**  
 WELL LOCATION AS STAKED ON  
 THE GROUND IS OFFSET 14' SOUTH  
 FROM THE PLATTED DISTANCE.

**WILD HORSE  
 FEDERAL #1-35**  
 Elev. Ungraded Ground - 5344'

**35**



### BASIS OF ELEVATION

SPOT ELEVATION AT THE NE CORNER OF SECTION 35,  
 T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN  
 NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE  
 SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE  
 UNITED STATES DEPARTMENT OF THE INTERIOR,  
 GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED  
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 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. King*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

REV: 9-27-90

**UTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX 1758 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9-4-90
PARTY J.T.K. G.S. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

**NOTE:**  
 WELL BEARS S40°11'15"W  
 1120.80' FROM THE NE  
 CORNER OF SECTION 35.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

## SURFACE USE AND OPERATING PLAN

WELL NAME: WILD HORSE FEDERAL 1-35  
LOCATION: ~~874~~<sup>860</sup> FNL & 717' FEL NE/NE  
Sec. 35, T10S, R19E  
Uintah Co., Utah

### 1. EXISTING ROADS

- A. The proposed wellsite is located approximately 52 miles south of Vernal, Utah.
- B. Refer to the attached TOPO Map "A" for directions to the wellsite.
- C. Access to the proposed wellsite will be over existing State and County roads and Enron's planned access road. Traveling will be restricted to these roads only.
- D. See attached TOPO Map "B" for all roads within this vicinity.
- E. Roads will be maintained and repaired as necessary.

### 2. ACCESS ROAD

- A. See attached road right-of-way map.
- B. The proposed access road will be .2 in length and width will be 30' right-of-way with a 18 foot running surface maximum. Subgrade will be 16' (maximum grade 5%), with V ditches along either side where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent in this area.
- C. The access road will be dirt surface.
- D. All travel will be confined to existing access road right-of-way.
- E. The road will be centerline flagged prior to commencement of construction.
- F. Access road surface is owned by the BLM.
- G. Access roads and surface disturbing activities will conform to standards outlined in the BLM/Forest Service (1989) Surface Operating Standards for Oil and Gas Development.
- H. The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

- I. There will be no turn outs required.
- J. No culverts will be required.
- K. A 16' cattleguard with H-braces on each side will be required.
- L. Drainage design will be low H<sup>2</sup>O crossings & ditching.

3. LOCATION OF EXISTING WELLS

- A. See attached area well map for all wells within a one mile radius of this vicinity.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Proposed production facilities diagram is attached should this well produce gas.
- B. All Production equipment owned and controlled by Enron will be kept on the location pad.
- C. All permanent structures constructed or installed will be painted a flat non-reflective Carlsbad Canyon color to match the standard environmental colors as selected by BLM for this area. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health ACT) will be excluded.
- E. If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain the capacity of the largest vessel. The integrity of the dike must be maintained.
- F. Should anything of significant value be turned up during construction of this wellsite, notification will be given to the proper authorities and all work will be stopped until clearance is given.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water will be hauled by Dalbo, Inc.
- ✓ B. Water source is CNG Old Squaw. Permit #49-367 A

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. No additional materials are anticipated at this time.

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. See location layout.
- B. Drill cuttings, drilling fluids and produced fluids will be disposed of in the reserve pit on the location pad.
- C. A wire mesh fence will be maintained in good order around the disposal pit during the drilling and completion of the well.
- D. This reserve pit upon completion of the drilling activities will be fenced on three sides with the open side on the rig side to protect all domestic animals and wildlife. This pit will be utilized during completion phase of the well for storage of produced fluids. The BLM will be called to inspect the pit.

- E. Pits will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls.
- F. When the pit dries and the reclamation activities commence the pit will be covered to meet BLM requirements.
- G. The reserve pits will not lined unless porous materials are encountered.
- H. If the reserve pit is lined the operator will provide the BLM a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements prescribed by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, The contents and liner will be removed and disposed of at an authorized disposal site.
- I. A portable toilet will be provided for human waste during drilling phase of the well. This will be disposed of at the Vernal Sewage Disposal Plant.
- J. There will be no burning. Garbage and other waste materials will be contained in a wire mesh cage and disposed of in an approved waste disposal facility at the completion of the drilling activities.
- K. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. See attached Location Layout.
- B. See Attached cross-section of the drill pad.
- C. See attached TOPO Map "B" for location of access road to location and rig orientation.
- D. As mentioned in item 7 "B" drill cuttings, drilling fluids and produced fluids will be contained in the reserve pit, so the surrounding area will not be contaminated. The pit will be lined with a gel and/or any other type material deemed necessary to make it safe and tight.
- E. All pits will be fenced in accordance with the Vernal District's fencing policy. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.
- F. For reserve pit location see well site diagram.
- G. Diversion ditch(es) shall be constructed on the Southwest side of the location above the cut slope, draining to the Northeast diversion dike or reservoir shall be constructed on the Southwest.

- H. The drainage(s) shall be diverted around the Northeast side (s) of the well pad location.
- I. The Southeast corner of the well pad will be rounded off to avoid the major drainage area A.
- J. The east side of location will be narrowed to avoid major drainage on the East.

10. MINIMUM FENCING STANDARDS FOR EXPLORATION AND PRODUCTION PITS:

- A. FENCE: 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire (the barbed wire is not necessary IF pipe or some type of reinforcement rod is attached to the top of the entire fence.).
- B. WIRE SPACING: The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. CORNER BRACES: Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. LINE POSTS: Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. FENCE CONSTRUCTION: All wire shall be stretched tight before the wire is attached to the corner braces. Pulling the wire tight by hand without the use of a stretching device is not acceptable.
- F. An operator may request the authorized officer to approve a variance from the prescribed minimum fencing standards. All such requests shall be submitted in writing to the appropriate authorized officer and provide information as to the circumstances which warrant approval of the variance(S) requested and the proposed alternative(s) meet or exceed the objectives of the applicable minimum standard(s).

11. PLANS FOR RECLAMATION

- A. During the on site, the BLM will recommend where the topsoil will be stockpiled. When all drilling and production activities have been completed, the location site and access road will be reshaped to original contour and the stockpile topsoil spread over the disturbed area. Any drainages rerouted during the construction activities shall be restored to their original line of flow as near as possible.
- B. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- C. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.
- D. Reclamation and revegetation will take place as soon as the pits are completely dry. This will be done according to the BLM. The location site and access road shall be reseeded when the moisture content of the soil is adequate for germination. Prior to reseeded, all

disturbed areas, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

- E. All seeding will be done from September 31 until the ground freezes.
- F. As mentioned in #7, the reserve pit will be completely fenced and allowed to dry completely before covering. All cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 90 days from the date of well completion.
- G. If necessary, overhead flagging will be installed if oil remains on pit after drilling is completed.
- H. Reclamation activities shall begin when the pit is sufficiently dry. Once reclamation activities have began, they shall be completed within 30 days. The lessee further covenants and agrees that all of said clean-up and reclamation activities shall be done and performed in a diligent and workmanlike manner and in strict conformity with the above mentioned items.
- I. Those portions of the location not needed for production operations will be reclaimed and reseeded to BIA & BLM specifications.
- J. At such time as the well is plugged and abandoned the operation will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeded requirements. If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.
- K. BLM Recommendations for reclamation:  
Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeded. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarters inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

#### 11. SURFACE OWNERSHIP

- A. Surface is owned by BLM.
- B. Other surface-use activities other than mineral exploration is livestock grazing.

#### 12. OTHER INFORMATION

- A. See attached TOPO Map "A".
- B. Vegetation consists of sagebrush and native range grass. Wildlife consists of deer, antelope, birds and small rodents.

- C. There is no water, occupied dwellings, archaeological, historical or cultural sites on this location.
- D. Noxious weeds will be controlled along right-of-ways for roads, pipelines, well sites or other applicable facilities.
- E. Enron Oil & Gas Co. or their contractor shall contact the BLM (801) 789-1362 (Byron Tolman or Paul Andrews) between 24 and 48 hours prior to construction activities.
- F. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- G. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Co. is fully responsible for the actions of its sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.
- H. The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.
- I. The area has been identified as having critical to severe soil erosion conditions. In order to minimize watershed damage during muddy and wet periods, the authorized officer of the BLM may prohibit surface disturbing activities. This limited time does not apply to maintenance & operation of producing wells.

**CONDITION OF APPROVAL - CULTURAL RESOURCE PROTECTION PROCEDURES:**

- A. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National Register of Historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,

a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

- B. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Enron Oil and Gas Company  
P.O. Box 1815  
Vernal, Utah 84078  
George McBride  
Telephone: (801) 789-0790

Enron Oil and Gas Company  
P.O. Box 250  
Big Piney, Wyoming  
Dennis Brabec  
Telephone: (307) 276-3331

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 the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed here in will be performed by ENRON OIL & GAS COMPANY and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

9-27-90

DATE



GEORGE R. MCBRIDE  
PRODUCTION FOREMAN

1w

0935mm/

EIGHT POINT PLAN

WILD HORSE FEDERAL 1-35  
SECTION 35, T10S, R19E  
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATIONS	DEPTH	REMARKS
Uinta	Surface	
Base "M" Marker	3,879	
Wasatch (Peters Point)	4,379	
Wasatch (Chapita Wells)	4,909	
C-9 Sand (Red)	5,139	Gas Objective
Wasatch (Buck Canyon)	5,469	
B-3 Sand (Orange)	5,524	Gas Objective
EST.TD	6,500'	

All depths are based on estimated KB elevation 6,500. All pressures are based on bottom hole pressures measured on off set wells.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	MINIMUM SAFETY FACTOR		
						COLLAPSE	BURST	TENSILE
12 1/4"	0' - 200'	200'	9 5/8"	36.0#	K-55 ST&C	2020 PSI	3520 PSI	423,000#
7 7/8"	0' - 6500	6500'	4 1/2"	11.6#	K-55 LT&C	4960 PSI	5350 PSI	180,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM:

INTERVAL	MUD TYPE	MUD WEIGHT	WATER LOSS	ADDITIVES
0' - 200'	Air Drill			
200' - 4,000'	Water			
4,000' - TD	2% KCL WTR w/Visco	40 Vis	8-10	Poly-acrylamide Anionic Polymer

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. EVALUATION PROGRAM:

Logs: Dual Laterolog/MSFL/GR/SP From base of surface casing to TD.  
FDC-CNL/GR/Caliper 2900' - TD.

Cores: None Programmed.  
DST' : None

Completion: To be submitted at a later date.

EIGHT POINT PLAN

WILD HORSE FEDERAL 1-35

PAGE NO. 2

7. ABNORMAL CONDITIONS:

None anticipated.

8. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

0933MM/

**ENRON**  
**OIL & GAS COMPANY**  
**DRILLING PROGRAM**

DATE: September 6, 1990

REVISION NO. & DATE: \_\_\_\_\_

PROSPECT: OLD SQUAW'S CROSSING LEASE: \_\_\_\_\_

WELL NUMBER: Wildhorse Federal #1-35 STATE: Utah COUNTY Uintah

WELL CLASSIFICATION: DW-GAS ANTICIPATED PRODUCTION: OIL \_\_\_\_\_ GAS X OTHER \_\_\_\_\_

LOCATION CALL: 874' FNL & 717' FEL (NE/4)

Section 35, T10S, R19E

Uintah County, Utah

ELEVATION: 5344' GL (Est.) 5359' KB Elevation (Est.)

DIRECTION LIMITATIONS: Maximum deviation for the hole will be 6' w/no more

than a 1"/100' dogleg severity. See page number 4 for distance between surveys.

TYPE RIG: Land Rotary APPROVED DEPTH: 6500' PERMIT DEPTH 6500'

CONDUCTOR NEEDED? No IF YES, SIZE AND HOW SET \_\_\_\_\_

HOLE SIZE	CASING SIZE	DEPTH*	CEMENT PROGRAM
12-1/4"	9-5/8"	200'	250 sx Class "G" w/2% CaCl <sub>2</sub> & 1#/sx Flocele.
7-7/8"	4-1/2"	6500'	Cover interval from TD to 4000' with 50/50 Pozmix w/2% gel & 10% salt. Lite cement calculated to 2000'. Final volume to be calculated from Caliper log plus 10% excess. Circulate casing 1 hour minimum before cementing or until mud is not gas cut. Reciprocate casing during cementing. Precede cement w/10 bbls mud flush.

CRITERIA FOR DETERMINING CASING SEAT FOR CRITICAL STRINGS: Drill surface  
hole with air drilling rig.

WOC 4 hours before releasing from surface rig. Wait overnight before  
drilling rat and mouse holes.

DRILLING PROGRAM

-2-

WELL: Wildhorse Federal #1-35

CENTRALIZERS: (DEPTH & TYPE): SURFACE: One 8' above shoe & one on 1st and 3rd collar.

PRODUCTION: One 8' above shoe joint and then one every other collar across all zones of interest.

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT: \_\_\_\_\_

SURFACE: Guide shoe & insert float w/top plug.

PRODUCTION: Differential fill float shoe & differential fill float collar w/top & bottom plugs.

PUMPING RATES/SPECIAL INSTRUCTIONS: \_\_\_\_\_

SURFACE: Mix 4 ex gel in 10 bbls of fresh water. Pump water ahead to determine if water will circulate or if cement volume needs to be adjusted.

PRODUCTION: Circulate casing a minimum of 1 hour or until mud is not gas cut prior to cementing. Reciprocate casing 30' during cementing & displacement, but stop reciprocation when 10 bbls of displacement remain.

LOGGING PROGRAM: PRODUCTION: DLL/MSPL/GR/SP from TD to base of surface casing. FDC-CNL-GR Caliper from TD to 2900' (2.68 matrix density, 0-150 GR) or minimum run. Continue Caliper to base of surface casing.

CORES: None anticipated.

SAMPLES: Collect 30' samples from below surface casing to 2900'. Collect 10' samples from 2900' to TD or as directed by wellsite geologist.

FORMATION TESTS: None anticipated.

MUD LOGGING: (INCLUDES SERVICES & DEPTH): From 2900' to TD.

Calibrate mud logger to 2000 units for saturation.

DETECTION & CONTROL EQUIPMENT:

10" rotating head, 10" 900 Series (3000 psig) BOP with blind and pipe rams.

10" 900 Series Annular Preventor. Test manifold & BOP's to 3,000 psig; annular preventor to 1500 psig after nipple up to surface pipe.



DRILLING PROGRAM

-4-

WELL: Wildhorse Federal #1-35

DRILLING HAZARDS & SPECIAL INSTRUCTIONS: Lost circulation from surface to 3500'. Heaving/sticky shales in Wasatch. Potential gas kicks.

Reference Wells: OSC 1-27, Little Papoose 1-26 & Home Federal 1-34 & Wild Horse Federal 2-26, Section 26, T10S, R19E

CASING & TUBING PROGRAM

SIZE	INTERVAL			WT. #/FT.	GRADE	THREAD	MINIMUM SAFETY FACTOR		
	FROM	TO	LENGTH				COLLAPSE	BURST	TENSILE
9-5/8"	0'	200'	200'	36.0#	K-55	ST&C	2020 psi	3520 psi	423,000#
4-1/2"	0'	6500'	6500'	11.6#	K-55	LT&C	4960 psi	5350 psi	180,000#

SURVEY SCHEDULE

DEPTH		DISTANCE	MAXIMUM DEVIATIONS	MAXIMUM CHARGE
FROM	TO	BETWEEN SURVEYS	FROM VERTICAL	DEGREES/100'
0'	200'	100'	1 Degree	1/2 Degree
200'	TD	500' (or as needed)	6 Degrees	1 Degree

PREPARED BY: DENNIS J. BRABEC

APPROVED BY: DENNIS J. BRABEC, DRILLING SUPERINTENDENT

APPROVED BY: DARRELL E. ZLONKE, DISTRICT MANAGER

RGT

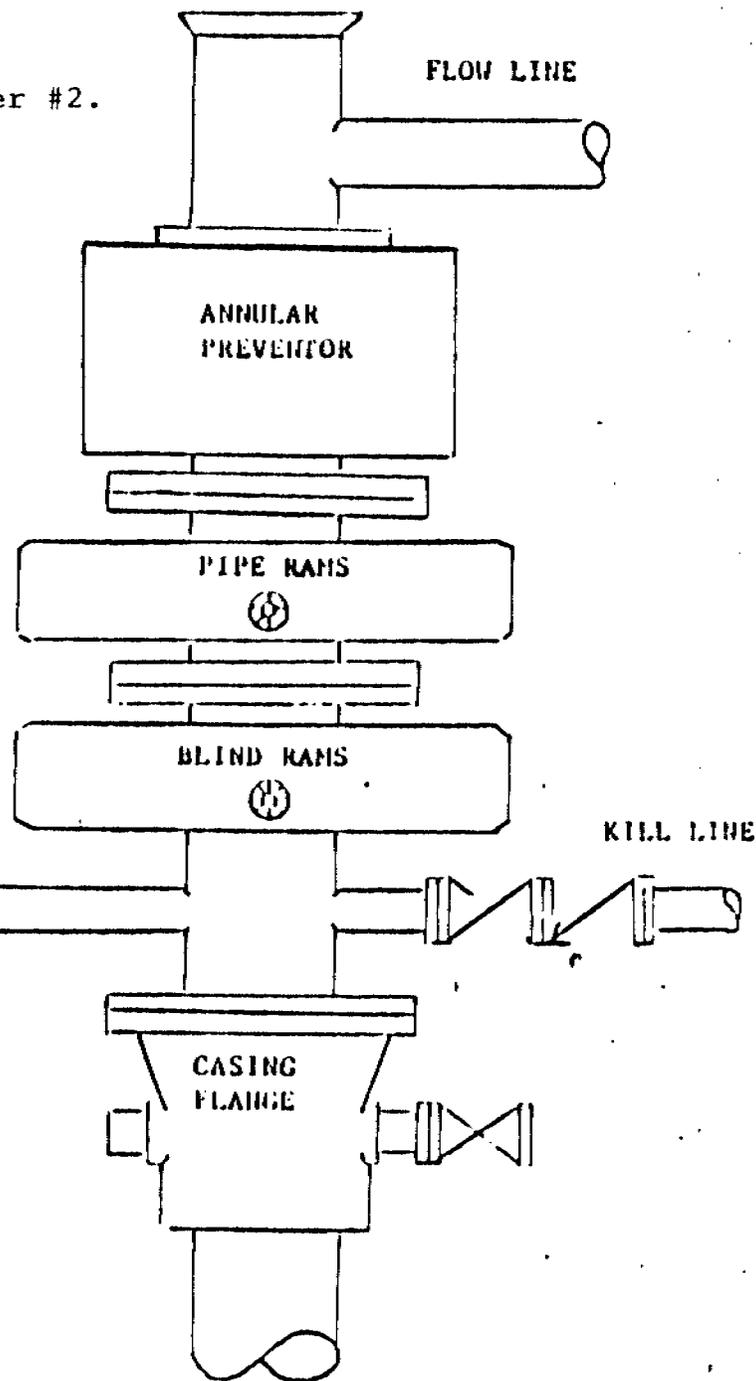
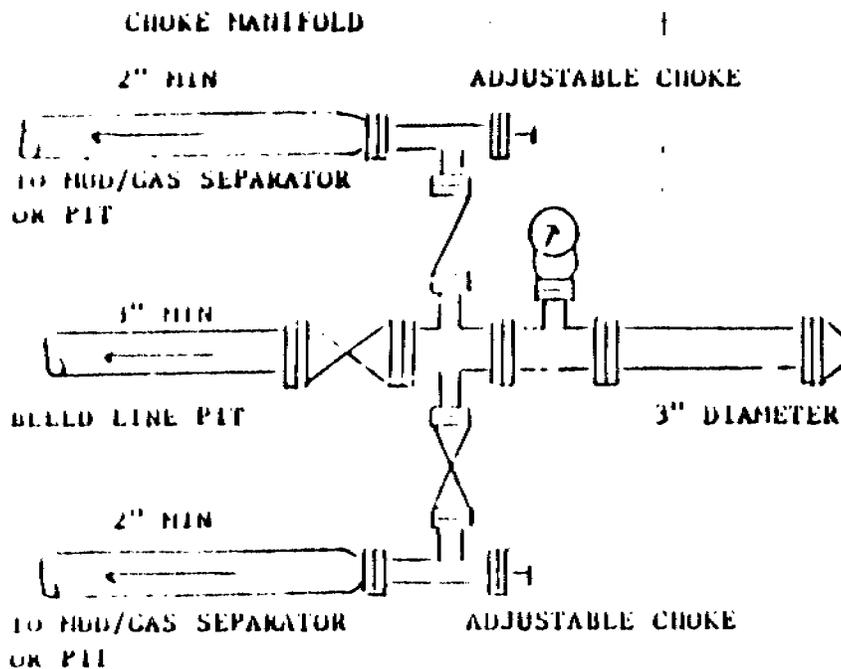
{WFF1-DP}

BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 900 SERIES.  
CASTING FLANGE IS 10" 900-SERIES.  
BOPE 9" 30000#.

TESTING PROCEDURE:

- BOP will be tested in accordance with Onshore Oil & Gas Order #2.
1. Blind & Pipe rams will be tested to rated working pressure, 1000 psig.
  2. Annular preventor will be tested to 50% of working pressure, 1500 psig. Will test every 30 days.
  3. Casing will be tested to 0.22 psi/ft or 1500 psig. Not to exceed 70% of burst strength, whichever is greater. In this case 1716 psig.
  4. They will be tested every 14 days.
  5. There are two hydraulic controls, one on the rig floor and the other ground remote.
  6. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
  7. Hydraulic accumulator system should be 80 gals.





# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010  
Tel. (801) 292-7061, 292-9668

September 24, 1990

Subject: REPORT ADDENDUM

Addendum To: CULTURAL RESOURCE EVALUATION OF TWO PROPOSED  
WELL LOCATIONS AND ACCESS ROUTES IN THE WILD  
HORSE BENCH LOCALITY OF UINTAH COUNTY, UTAH

Project: Enron Oil & Gas Company - Wild Horse Federal  
Units ~~1-35~~ and 2-35

Project No.: EOGC-90-4

Permit No.: Dept. of Interior -- Ut-88-54937  
Utah State Project No. 90-AF-447sb

To: Mr. George McBride, Enron Oil & Gas Company, P.O. Box  
1815, Vernal, Utah 84078

Mr. David Little, District Manager, Bureau of Land  
Management, 170 South 500 East, Vernal, Utah 84078

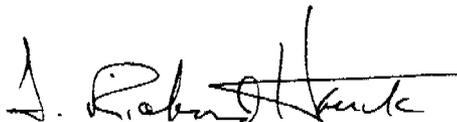
Info: Antiquities Section, Division of State History,  
300 Rio Grande, Salt Lake City, Utah 84101

This addendum to the referenced report is prepared as a statement concerning an alternate access route into the Enron Unit 1-35. The location of this .3 mile-long, alternate, and preferred access route is on a ridge to the west and adjacent to the No. 1-35 location and is shown on attached Map 3.

An intensive archaeological evaluation of this third access corridor was conducted by Richard Beaty on September 21, 1990, accompanied by Mr. George McBride of Enron Oil and Gas Company. This survey was accomplished by walking two, parallel, 15 meter wide transects within the flagged corridor.

No cultural resource loci or isolated artifacts were observed during the evaluation.

AERC recommends that a cultural resource clearance for the development and use of this proposed access route be granted to the Enron Oil and Gas Company based upon adherence to the standard stipulations contained in the original report.



F. Richard Hauck, Ph.D.  
President and Principal  
Investigator





# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010  
Tel: (801) 292-7061, 292-9668

September 16, 1990

Subject: CULTURAL RESOURCE EVALUATION OF TWO PROPOSED  
WELL LOCATIONS AND ACCESS ROUTES IN THE WILD  
HORSE BENCH LOCALITY OF UINTAH COUNTY, UTAH

Project: Enron Oil & Gas Company - Wild Horse Federal  
Units 1-35 and 2-35

Project No.: EOGC-90-4

Permit No.: Dept. of Interior -- Ut-88-54937  
Utah State Project No. 90-AF-447 sb

To: Mr. George McBride, Enron Oil & Gas Company, P.O. Box  
1815, Vernal, Utah 84078

Mr. David Little, District Manager, Bureau of Land  
Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History,  
300 Rio Grande, Salt Lake City, Utah 84101

Report Acceptable Yes  No

Mitigation Acceptable Yes  No

Comments: \_\_\_\_\_  
 \_\_\_\_\_

Summary Report of  
 Inspection for Cultural Resources

-----  
 Wild Horse 1 - 3 5 & 2 - 3 5 Locations  
 1. Report Title . . . . .  
 11 Enron Oil & Gas Company  
 2. Development Company \_\_\_\_\_  
 0 9 18 1 9 9 0 88-UT-54937  
 3. Report Date . . . . . 4. Antiquities Permit No. \_\_\_\_\_  
 41 42 43 46  
 A E R C E O G C - 9 0 - 1 Uintah  
 5. Responsible Institution . . . . . County \_\_\_\_\_  
 47 61  
 6. Fieldwork  
 Location: TWN 1 0 S 1 9 E 3 5 3 6  
 62 65 66 69 70 71 72 73 74 75 76 77  
 7. Resource Area TWN . . . . . RRG . . . . . Section. . . . .  
 .B.C. 78 81 82 85 86 87 88 89 90 91 92 93  
 110 111  
 TWN . . . . . RRG . . . . . Section. . . . .  
 94 97 98 101 102 104 106 108  
 -----

8. Description of Examination Procedures:  
 The archeologist, Richard Beaty, intensively examined the 2 separate proposed drilling locations and associated access routes by walking 10 to 15 meter wide transects within the staked well locations and along the flagged centerline. This project was conducted during the on-site investigation.

-----  
 9. Linear Miles Surveyed . . . . . 5  
 and/or 112 117  
 10. Inventory Type . . . . . I  
 130  
 Definable Acres Surveyed . . . . . R = Reconnaissance  
 and/or 118 123 I = Intensive  
 Legally Undefinable 8 S = Statistical Sample  
 Acres Surveyed . . . . .  
 124 129  
 -----

11. Description of Findings: 12. Number  
 No cultural resource sites were Sites Found .0. . . . .  
 identified during the survey of these No sites = 0) 131 135  
 two well locations. An isolated non-diagnostic 13. Collection: .Y.  
 flake was observed and collected on the access (Y = Yes, N = No) 136  
 route into Unit 2-35. This flake will be used in the lithic resource typing  
 program AERC is conducting in the Uinta Basin.

14. Actual/Potential National Register Properties Affected:  
 The National Register of Historic Places (NRHP) has been consulted and  
 no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 9-18-90  
 BLM Vernal District Office 9-14-90

16. Conclusion/ Recommendations:  
 AERC recommends that a cultural resource clearance be granted to Enron Oil & Gas  
 Company for this proposed project based upon adherence to the following  
 stipulations: (see reverse)

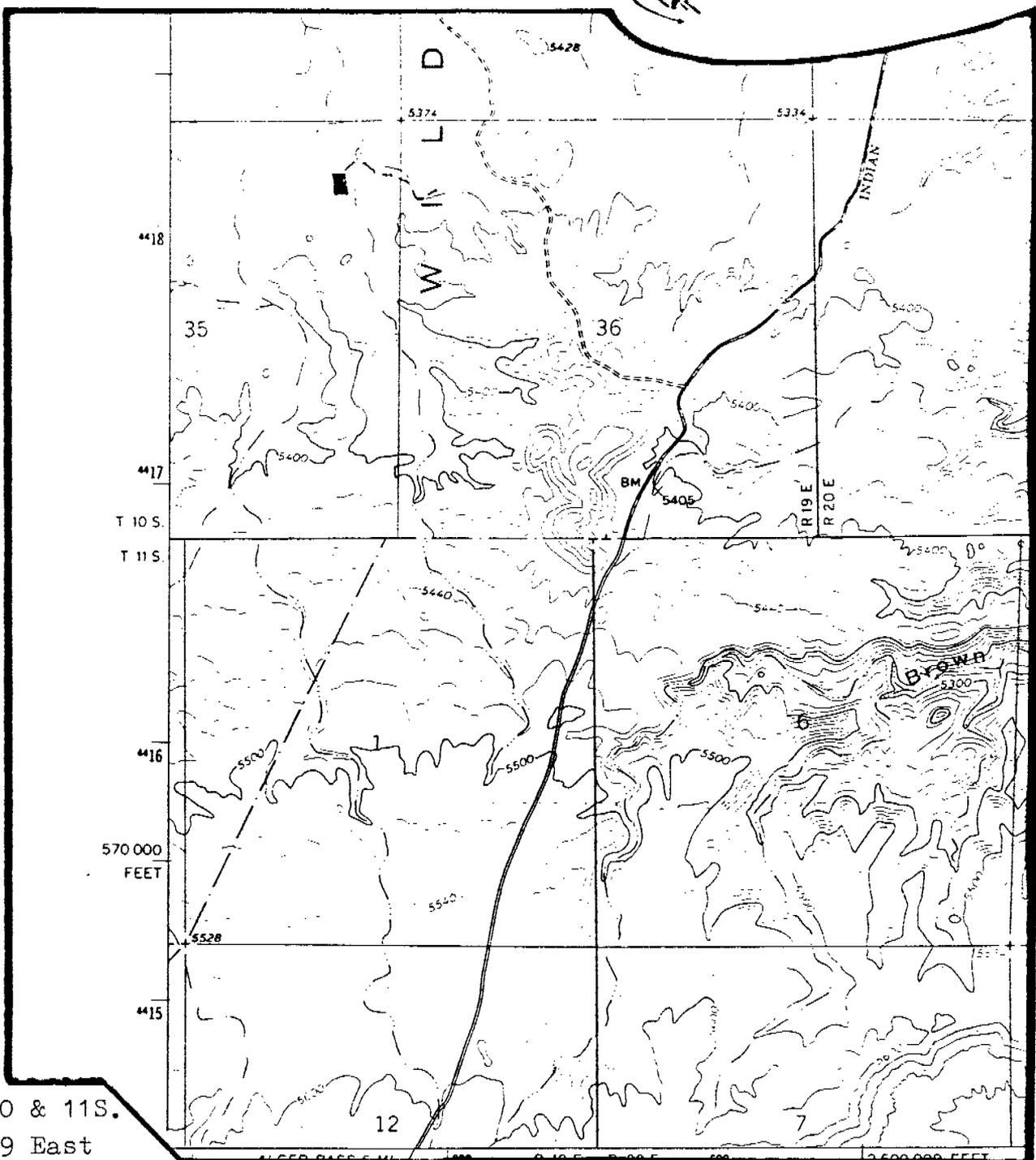
17. Signature of Administrator \_\_\_\_\_ Administrator  
 & Field Supervisor \_\_\_\_\_  
 Field Supervisor R. Beaty (by [Signature])  
 UT 8100-3 (2/85)

16. continued:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the locations examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



T. 10 & 11S.  
R. 19 East

Meridian: Salt Lake B. & M.

Quad:

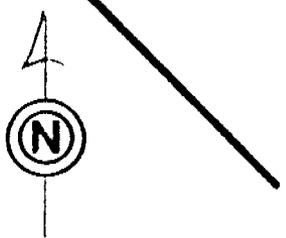
**Project:** EOGC-90-4  
**Series:** Uinta Basin  
**Date:** 9-18-90

**MAP 1**  
Cultural Resource Survey  
of Wild Horse Fed. No. 1-  
35 in the Wild Horse Bench  
Locality of Uintah County

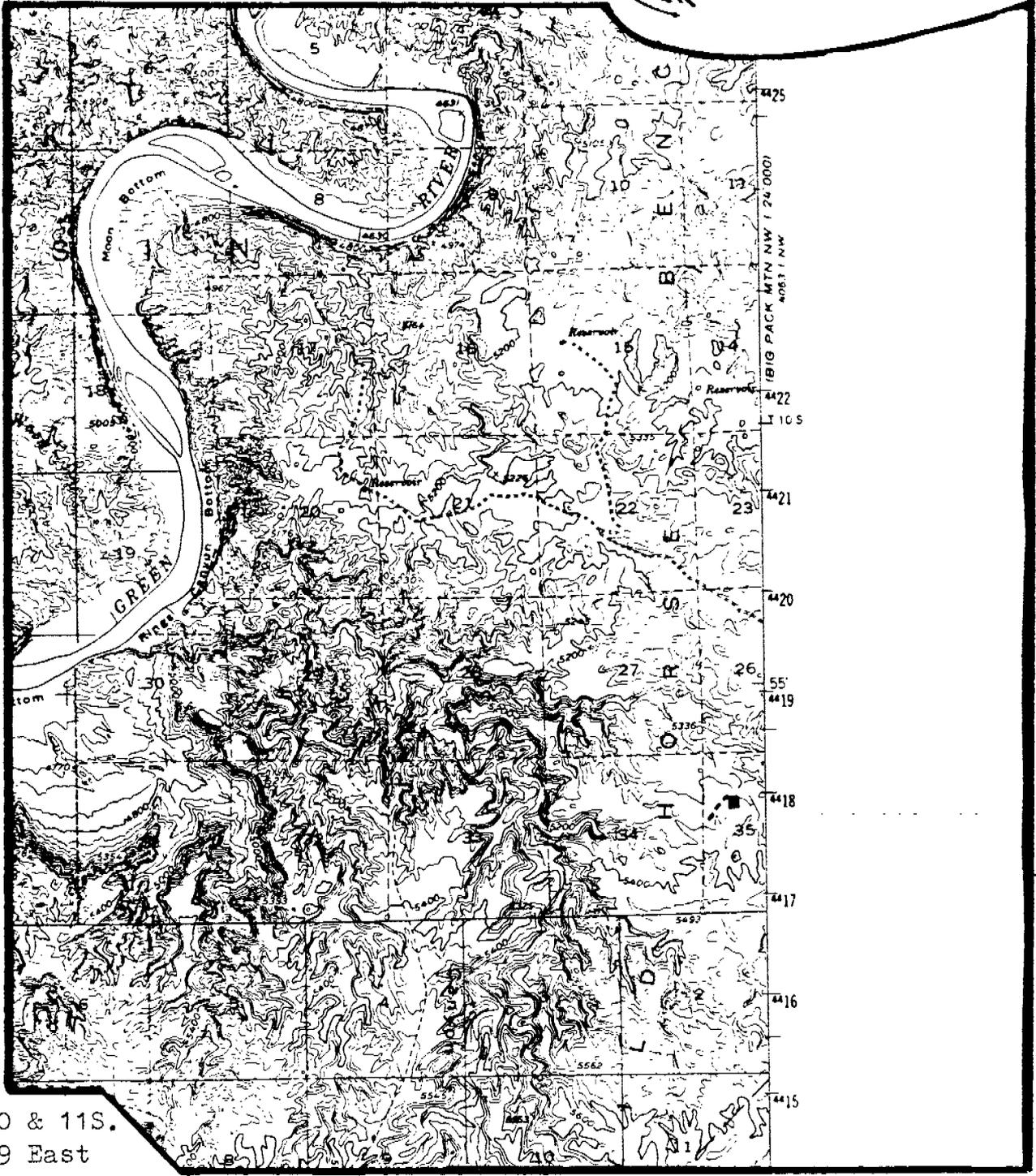
Big Pack Mtn.,  
NW - Utah  
7.5 minute-USGS



**Legend:**  
Well Location  
Access Route



2.64" = 1 mile  
Scale



T. 10 & 11S.  
R. 19 East

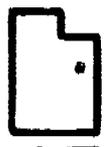
Meridian: Salt Lake B. & M.

Quad:

**Project:** EOGC-90-4  
**Series:** Uinta Basin  
**Date:** 9-18-90

**MAP 2**  
Cultural Resource Survey  
of Wild Horse Fed. No. 2-  
35 in the Wild Horse  
Bench Locality

Nutters Hole,  
Utah  
15 minute-USGS

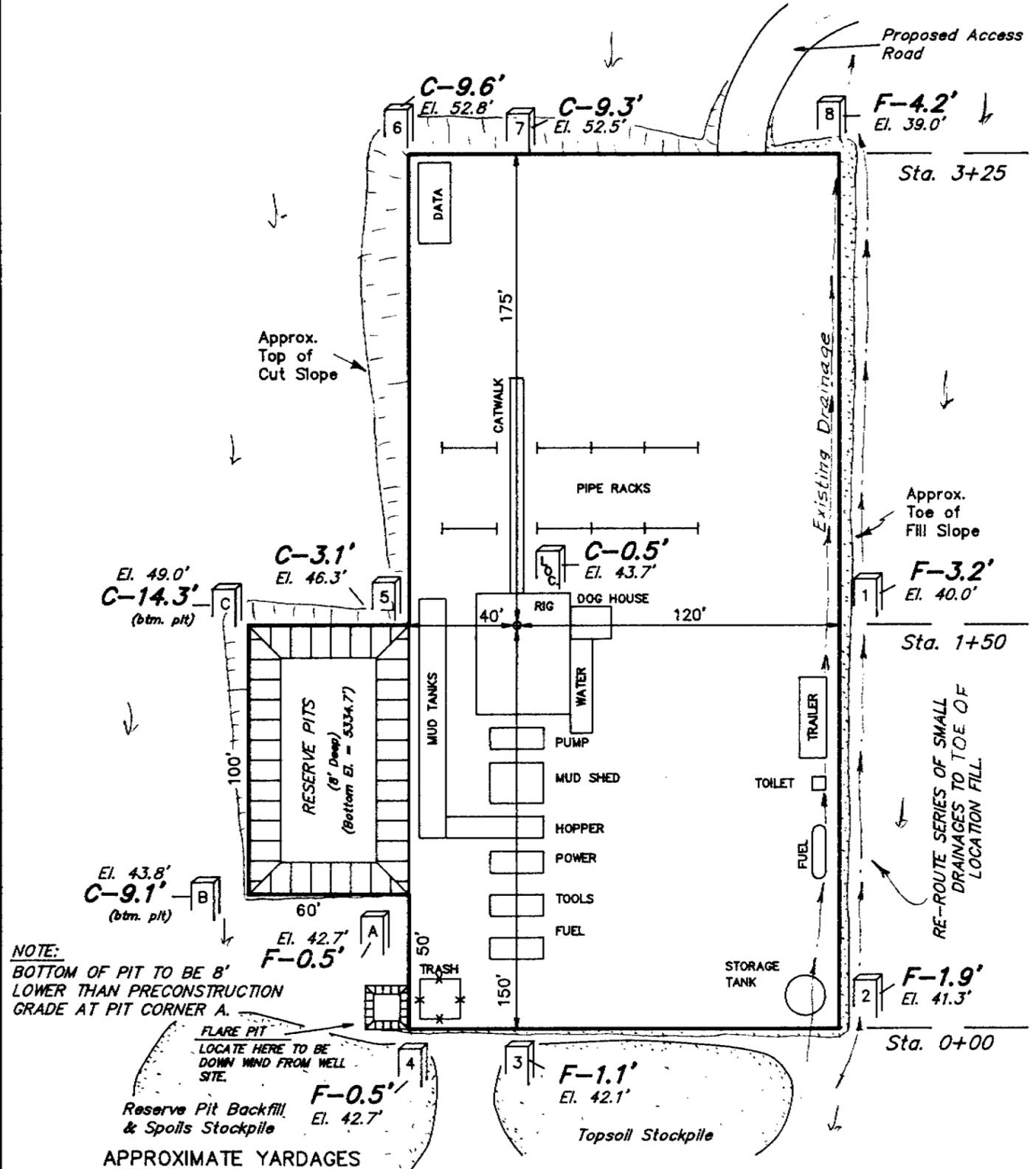


**Legend:**  
Well Location  
Access Route



1" = 1 mile  
Scale

ENRON OIL & GAS CO.  
 LOCATION LAYOUT FOR  
 WILD HORSE FEDERAL #1-35  
 SECTION 35, T10S, R19E, S.L.B.&M.

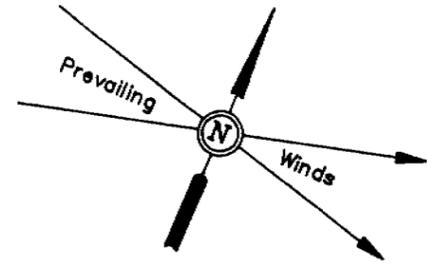


NOTE:  
 BOTTOM OF PIT TO BE 8'  
 LOWER THAN PRECONSTRUCTION  
 GRADE AT PIT CORNER A.

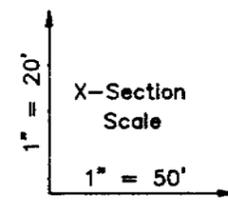
APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,080 Cu. Yds.
PIT Volume (Below Grade)	= 1,250 Cu. Yds.
Remaining Location	= 3,040 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,370 CU.YDS.</b>
<b>FILL</b>	<b>= 2,660 CU.YDS.</b>

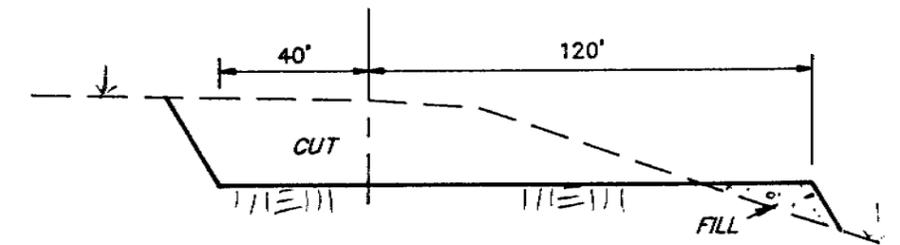
EXCESS MATERIAL AFTER 5% COMPACTION	= 2,570 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,710 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 860 Cu. Yds.



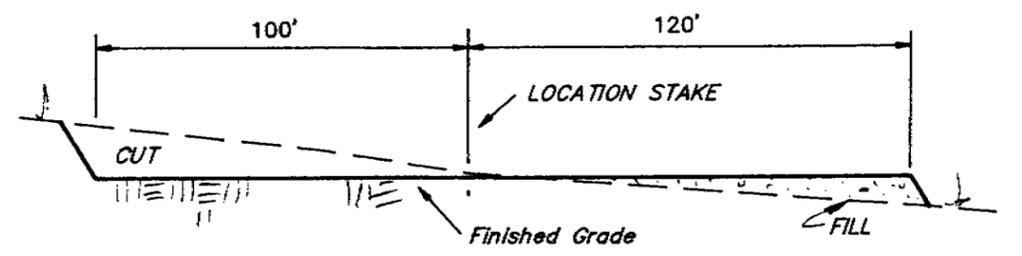
SCALE: 1" = 50'  
 DATE: 9-4-90  
 Drawn By: J.R.S.



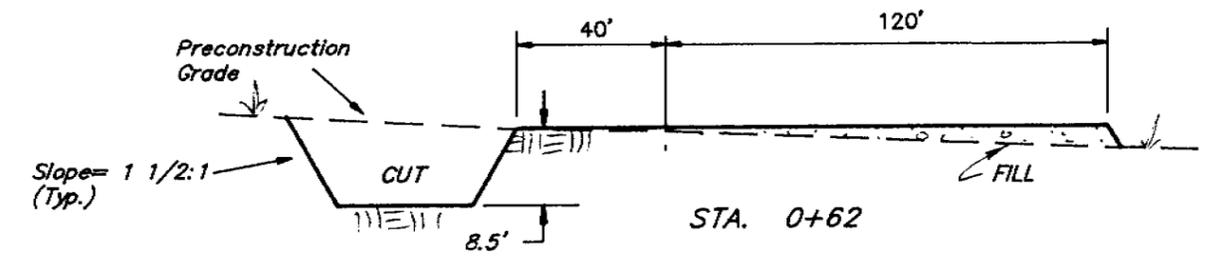
TYP. CROSS SECTIONS  
 TYP. LOCATION LAYOUT



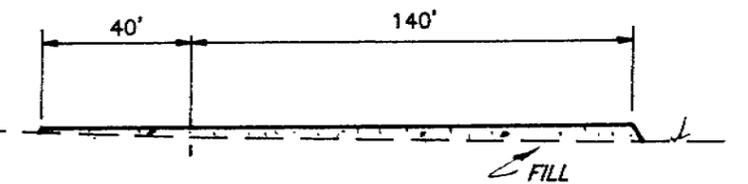
STA. 3+25



STA. 1+50

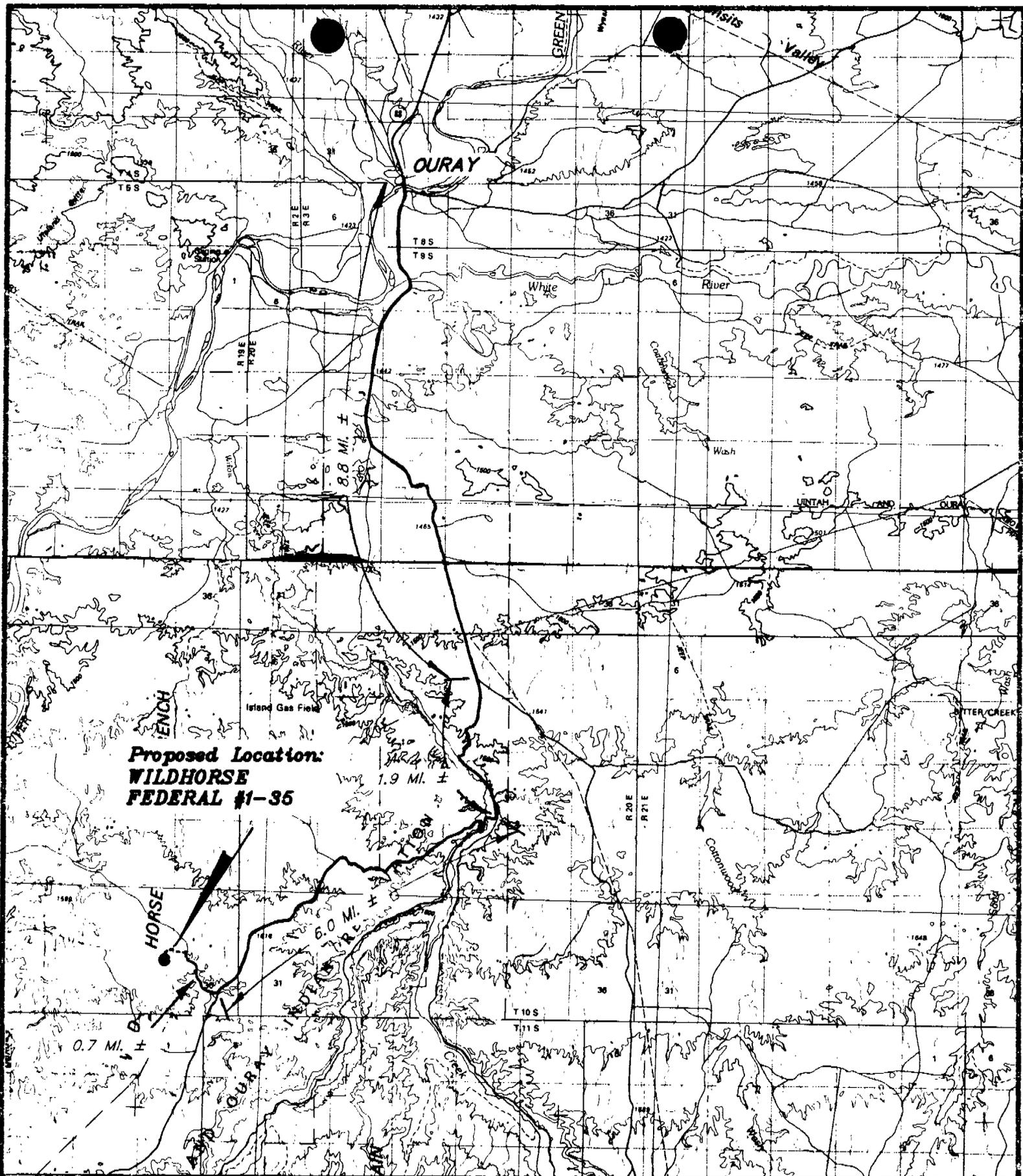


STA. 0+62



STA. 0+00

Elev. Ungraded Ground at Location Stake = 5343.7'  
 Elev. Graded Ground at Location Stake = 5343.2'



**Proposed Location:  
WILDHORSE  
FEDERAL #1-35**

**TOPOGRAPHIC  
MAP "A"**

9-4-90

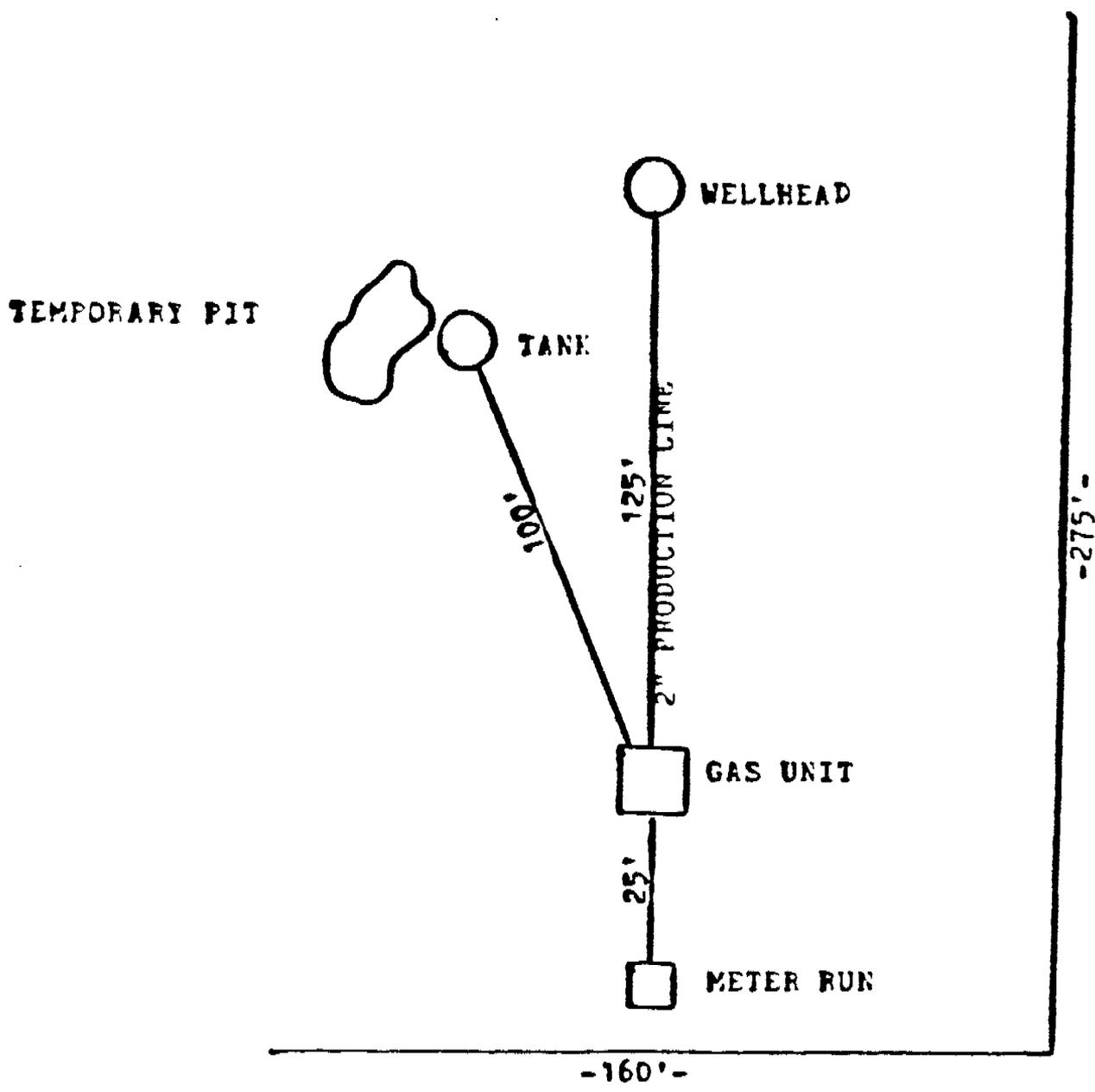


**ENRON OIL & GAS CO.**  
**WILDHORSE FEDERAL #1-35**  
**SECTION 35, T10S, R19E, S.L.B.&M.**

REV. 9-19-90 T.D. 4.

PRODUCTION FACILITIES FOR GAS HOOKUP

WELL NAME Wild Horse Federal 1-35



OPERATOR Enron Oil Gas Co (W-2401) DATE 10-1-90

WELL NAME Wild Horse Tichat 1-35

SEC NENE 35 T 10S R 19E COUNTY Mintah

43-047-31900  
API NUMBER

Tichat (1)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

10 wells within sec 35 10S 19E  
water permit: 19-367 (A-54801) per Dot water rights

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

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



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 8, 1990

Enron Oil & Gas Company  
P. O. Box 1815  
Vernal, Utah 84078

Gentlemen:

Re: Wild Horse Federal 1-35 - NE NE Sec. 35, T. 10S, R. 19E - Uintah County, Utah - 860' FNL, 717' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Enron Oil & Gas Company  
Wild Horse Federal 1-35  
October 8, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31902.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-2



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company ENRON OIL & GAS COMPANY Well No. 1-35  
Location NE/NE Sec. 35, T10S, R19E Lease No. U-3405

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

Useable water may be encountered from +110-695 ft. in the Uinta formation and from +1010-1215 ft., +3850-3860 ft., and +4215-4370 ft. in the Green River formation. The Mahogany oil shale and the L1 oil shale have been identified from +1650-1720 ft. and +1795-1850 ft., respectively. Therefore, as a minimum, the resources shall be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. Also, if gilsonite is encountered in the shallow subsurface, it will be isolated and/or protected via the cementing program.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

#### 4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

Hazardous substances specifically listed by EPA as a hazardous waste will not be used in drilling, testing, or completion of operations.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

## 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within forty-eight (48) hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first

production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

BLM FAX Machine 789-3634

Revised October 1, 1985

Date NOS Received: 08/31/90

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: ENRON OIL & GAS COMPANY

Well Name & Number: Wild Horse Federal 1-35

Lease Number: U-3405

Location: NE/NE            Sec. 35 T. 10S R. 19E

Surface Ownership: BLM

B. THIRTEEN POINT SURFACE USE PROGRAM:

1. Planned Access Roads.

The access road will be .4 mile instead of the .2 mile listed in the APD.

2. Methods for Handling Waste Disposal.

Production Facilities: More than one pit for produced water on production facilities must be justified.

3. Well Site Layout.

An erosion control dam will also need constructing in the SESE of Section 26 or the SWSW of Section 25.

4. Other Additional Information.

Fence Stipulation: Each existing fence to be crossed by the right-of-way shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguard shall be permanently mounted on concrete bases.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of her/his sub-contractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**ENRON**  
**Oil & Gas Company**

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

January 14, 1991

RECEIVED  
JAN 17 1991

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

DIVISION OF  
OIL, GAS & MINING

RE: WILD HORSE FEDERAL 1-35  
SEC. 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

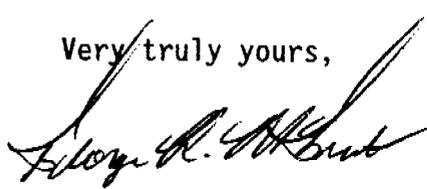
Attn: Mr. Ed Forsman

Dear Ed:

Attached is a Sundry Notice for change of plans on cement program for the subject well.

If you require further information, please contact me at this office.

Very truly yours,



George R. McBride  
Production Foreman

GRM/1w  
0979mm

cc: ~~Division of Oil, Gas & Mining~~  
Doug Weaver - Denver  
Robin Dean - Denver  
Big Piney Office  
File

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED  
JAN 17 1991  
DIVISION OF OIL, GAS & MINING

5. Lease Designation and Serial No.  
U-3405

6. U Index, Allotment or Tract Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.  
Wild Horse Federal 1-35

9. API Well No.  
43-047-31902 DRL

10. Field and Pool or Exploratory Area  
OSC/WASATCH

11. County or Parish, State  
UINTAH/UTAH

1. Type of Well:  
 Oil Well     Gas Well     Other

2. Name of Operator  
ENRON OIL & GAS COMPANY

3. Address and Telephone No.  
P.O. BOX 1815, VERNAL, UTAH 84078 801-789-0790

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
860' FNL & 717' FEL NE/NE  
Sec. 35, T10S, R19E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERNATING CASING
	<input type="checkbox"/> OTHER
	<input checked="" type="checkbox"/> CHANGE OF PLANS
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. 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).

Enron Oil & Gas Company is changing the cement program on the subject well from:

Size of Hole	Size of Casing	Weight	Depth	Cement
12 1/4"	9 5/8"	36#	200'	250 SX Class "G"
To:				
12 1/4"	9 5/8"	36#	200'	100 SX Class "G"

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

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

SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 1-23-91  
BY: [Signature] DATE 1/14/91

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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.

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-31902 *dl*

SPUDDING INFORMATION

NAME OF COMPANY: ENRON OIL & GAS

WELL NAME: WILD HORSE FEDERAL 1-35

SECTION NENE 35 TOWNSHIP 10S RANGE 19E COUNTY UINTAH

DRILLING CONTRACTOR EXETER

RIG # 7

SPUDED: DATE 1-30-91

TIME 5:30 a.m.

HOW ROTARY

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY CALVIN TIMMONS

TELEPHONE # \_\_\_\_\_

DATE 1-30-91 SIGNED TAS

**ENRON**  
**Oil & Gas Company**

P.O. Box 1815 Vernal, UT 84078 (801) 789-0790

**RECEIVED**  
FEB 04 1991

February 1, 1991

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

RE: WILD HORSE FEDERAL 1-35  
SEC. 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

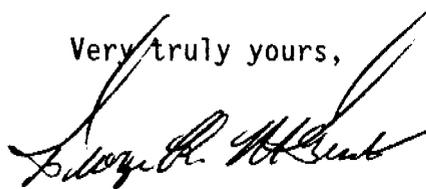
Attn: Mr. Ed Forsman

Dear Ed:

Attached is a Sundry Notice on subject well stating spudding information.

If you require further information, please contact this office.

Very truly yours,



George R. McBride  
Production Foreman

GRM/lw  
0979mm

cc: **Division of Oil Gas & Mining**  
Doug Weaver - Denver  
Robin Dean - Denver  
Big Piney Office  
File

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
(Other Instructions on Form 1000)

LAND DESIGNATION AND SERIAL #  
U-3405

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill or to complete or plug back to a BLM well. For application for permit for such proposals.

1 NAME OF OPERATOR ENRON OIL & GAS COMPANY		7 UNIT ASSIGNMENT NAME	
2 ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		8 NAME OF LEASE NAME WILD HORSE FEDERAL	
3 LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 860' FNL & 717' FEL NE/NE		9 WELL NO. 1-35	
14 PERMIT NO. 43-047-31902 <i>dl</i>		15 ELEVATIONS (Show whether of. st. or. etc.) 5374'	
		10 FIELD AND POOL OR WILDCAT OSC/WASATCH	
		11 SEC., T., R., N. OF BLM ANT. SURVEY OR AREA SEC. 35, T10S, R19E	
		12 COUNTY OR PARISH 13 STATE UINTAH UTAH	

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 COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	BOOTING OF ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLAN: <input type="checkbox"/>	(Other) _____	
(Other) _____		(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATION. (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.)

Enron Oil & Gas Company states that subject well was spudded on on 1/28/91. 12 1/4" hole was drilled to 245'. 9 5/8" casing was set at 239.36' and cemented to surface with 100 sx Class "G" cement.

Jamie Sparger with BLM was on location during operations. Oral notice was called to Tammy Searing with State Division of Oil, Gas & Mining on 1/30/91.

\* Spud given from Enron was 1-30-91.

RECEIVED  
FEB 04 1991

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

SIGNED Linda L. Wall TITLE SR. Admin. Clerk DATE 2/1/91

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

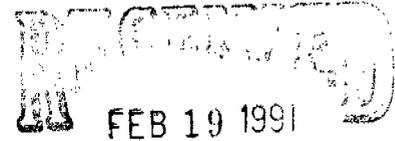
\*See Instructions on Reverse Side

# ENRON

## OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

February 14, 1991



DIVISION OF  
OIL, GAS & MINING

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

RE: WILD HORSE FEDERAL 1-35  
SEC. 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

Attn: Mr. Ed Forsman

Dear Ed:

Attached please find a Sundry Notice subsequent report of plug and abandon on the subject well.

If you require further information, please contact this office.

Very truly yours,

George R. McBride  
Production Foreman

/lw  
0992mm

cc: Division of Oil Gas & Mining  
Doug Weaver/Robin Dean - Denver  
Big Piney Office  
File

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE

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 wells in different reservoirs.  
Use "APPLICATION FOR PERMIT-" for such proposals.)

FEB 19 1991

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <b>ENRON OIL &amp; GAS COMPANY</b></p> <p>3. ADDRESS OF OPERATOR <b>P.O. BOX 1815, VERNAL, UTAH 84078</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: <b>860' FNL &amp; 717' FEL NE/NE</b></p> <p>14. PERMIT NO. <b>43-047-30902 31902</b></p>	<p align="center"><b>DIVISION OF OIL, GAS &amp; MINING</b></p> <p>5. LEASE DESIGNATION AND SERIAL NO. <b>U-3405</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>WILD HORSE FEDERAL</b></p> <p>9. WELL NO. <b>1-35</b></p> <p>10. FIELD AND POOL OR WILDCAT <b>OSC/WASATCH</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR <b>185 SEC. 35, T9S, R19E</b></p> <p>12. COUNTY OR PARISH <b>UINTAH</b></p> <p>13. STATE <b>UTAH</b></p> <p>15. ELEVATIONS (show whether DF, RY, GR, etc.) <b>5374' GR</b></p>
--	---

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

<p>NOTICE OF INTENTION TO:</p> <p>TEST WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/></p> <p>(Other) <b>WORKOVER</b></p>	<p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>MULTIPLE COMPLETE <input type="checkbox"/></p> <p>ABANDON* <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>
<p>WATER SHUT-OFF <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/></p> <p>(OTHER) <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input checked="" type="checkbox"/></p>

(NOTE: Report results of multiple completion on Well Completion of 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.)\*

*Enron Oil & Gas Co. plugged and abandoned subject well 2/9/91 as follows:  
Pumped cmt plug #1 @ 4450' w/145 sx Class "G" w/1% CaCl2, 15.5 ppg. Tagged cmt plug @ 4285'. Pumped cmt plug #2 @ 3800' w/125 sx Class "G" w/2% CaCl2 @ 15.8 ppg. Tagged cmt @ 3601'. Pumped cmt plug #3 @ 1900' w/165 sx Class "G" w/2% CaCl2 @ 15.8 ppg. Tagged cmt @ 1505'. Pumped Cmt plug #4 w/100 sx Class "G" w/2% CaCl2 & 1/4#/bbl celloflake @ 15.5 ppg. Doubled cmt volume & added Celloflake in cmt. Pumped cmt plug #5 @ 1100' w/150 sx Class "G" w/2% CaCl2 & 1/4#/bbl Celloflake @ 15.8 ppg, no circulation. Pumped cmt plug #6 w/100 sx RFL w/10% D-53, 2% S-1, 10#/sx D-29 mixed @ 14.2 ppg. Did not circulate or tag cmt. Pumped cmt plug #7 @ 1110' w/70 sx RFW w/10% D-53, 2% S-1, 10#/sx Kolite, 1/2#/sx D-29 mixed at 14.2. Plug #8 from 290' to surface w/110 sx Class "G" w/2% CaCl2 mixed @ 15.8 ppg. Topped off cmt plug w/30 sx RFL. Released rig 2/9/91. Oral notice was obtained from the BLM, Vernal, Utah, District Office before P & A commenced.*

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

SIGNED <i>Linda S Wall</i>	TITLE <i>Sr. Admin. Clerk</i>	DATE <i>2/14/91</i>
----------------------------	-------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY	TITLE	DATE
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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.

# ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

March 5, 1991

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

RE: WILD HORSE FEDERAL 1-35  
SEC. 35, T10S, R19E  
UINTAH COUNTY, UTAH  
LEASE NO. U-3405

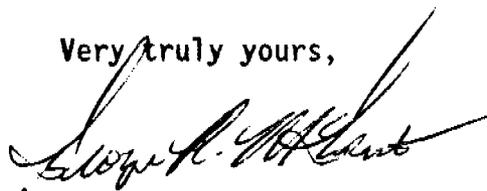
Attn: Mr. Ed Forsman

Dear Ed:

Attached is a Well Completion Report on the subject well.

If you require further information, please contact this office.

Very truly yours,



George R. McBride  
Production Foreman

/lw  
0996mm

cc: Division of Oil Gas & Mining  
Doug Weaver/Robin Dean  
Big Piney Office  
File

**RECEIVED**  
MAR 06 1991

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**RECEIVED**  
MAR 06 1991

DIVISION OF

5. LEASE DESIGNATION AND SERIAL NO.

U-3405

WELL COMPLETION OR RECOMPLETION REPORT AND LOGGING

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  REEF-IN  PLUG BACK  DIFF. RESV.  Other \_\_\_\_\_

8. FARM OR LEASE NAME

Wild Horse Federal

2. NAME OF OPERATOR

Enron Oil & Gas Company

9. WELL NO.

1-35

3. ADDRESS OF OPERATOR

P.O. box 1815, Vernal, Utah 48078

10. FIELD AND POOL, OR WILDCAT

OSC/Wasatch

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 860' FNL & 717' FEL NE/NE

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

Sec. 35, T10S, R19E

At top prod. interval reported below

At total depth

14. API NO. 43-047-31901 DATE ISSUED 10/8/90 12. COUNTY Uintah 13. STATE Utah

15. DATE SPUNDED 1/30/91 16. DATE T.D. REACHED 2/8/91 17. DATE COMPL. (Ready to prod.) 2/9/91 (Plug & Abd.) 18. ELEVATIONS (DP, BEB, RT, GR, ETC.) 5374' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6500' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Plug & Abd. See Sundry Notice dated 2/14/91 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN N/A MUD LOG COMD NEUTRON DUAL LATEROLOG 2-13-91 27. WAS WELL CORED YES  NO  (Submit analysis) DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT POLLED
9 5/8"	36.#	237'	12 1/4"	10 Sx Class "G"	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACERS SET (MD)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33. PRODUCTION DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A WELL STATUS (Producing or shut-in) N/A

DATE OF TEST N/A HOURS TESTED N/A CHOKER SIZE N/A PROD'N. FOR TEST PERIOD → OIL—BSL. N/A GAS—MCF. N/A WATER—BSL. N/A GAS-OIL RATIO

FLOW TUBING PRBS. CASING PRESSURE N/A CALCULATED 24-HOUR RATE → OIL—BSL. N/A GAS—MCF. N/A WATER—BSL. N/A OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY N/A

35. LIST OF ATTACHMENTS N/A

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

SIGNED Linda L. Wall TITLE Sr. Admin. Clerk DATE 3/5/91

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.	Top	Bottom	Description, contents, etc.	GEOLOGIC MARKERS	
Formation	Top	Bottom	Name	Meas. Depth	True Vert. Depth
				Surface	+1480
			Uintah	3879	+ 980
			Base "M"	4379	+ 450
			Wasatch	4909	+ 220
			Wasatch	5139	- 110
			C-9 Sand	5469	- 165
			Wasatch	5524	
			B-3 Sand		

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MAY 21 1991

DIVISION OF  
OIL GAS & MINING

Enron  
Wildhorse Fed 1-35  
Section 35  
Township 10S  
Range 19E  
County Uintah, Utah  
Contractor Exeter #7  
1-29-91  
Tested by Bryan Ross

43-047-31902

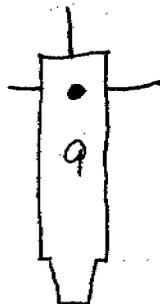
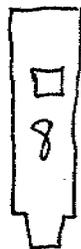
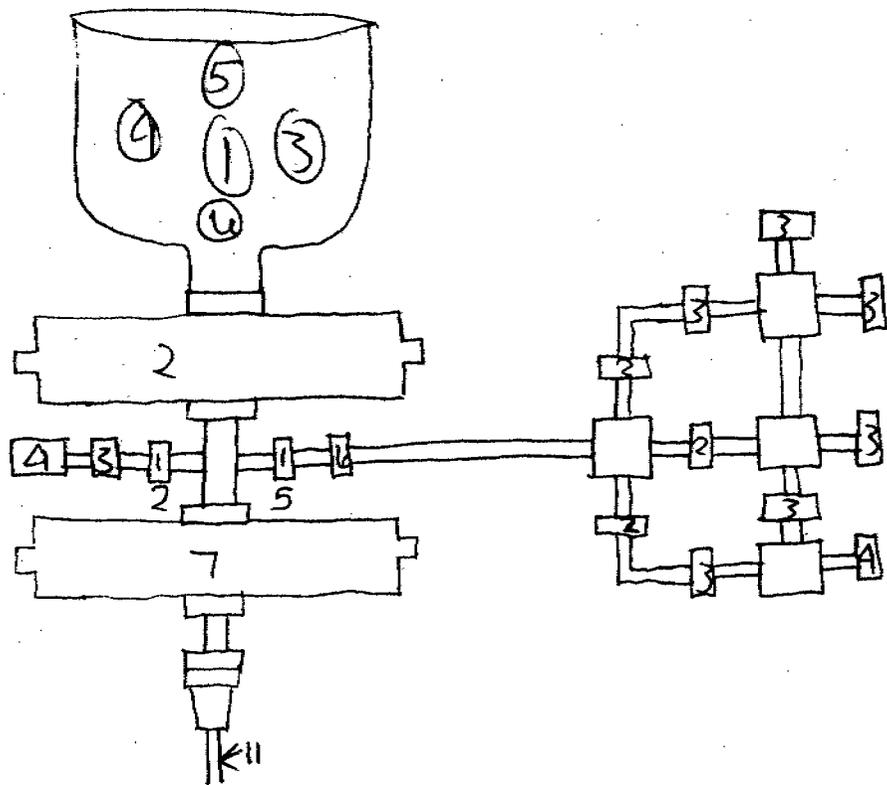
QUICK TEST INC.  
OFFICE (801) 789-8159

Enron  
Wildhorse Fed 1-35  
1-29-91

TEST #	ITEM TESTED	PRESSURE	MIN. HELD	RESULTS
1	Hydlril, HCR valve, 1st kill	250 1500	5 10	No visible leaks No visible leaks
2	Blind Rams, 1st kill, 1st set of choke manifold valves	250 3000	5 10	No visible leaks No visible leaks
3	Blind Rams, 2dn kill, 2nd set of choke manifold valves	250 3000	5 10	No visible leaks No visible leaks
4	Blind Rams, check valve on kill line, 3rd set of manifold valves	250 3000	5 10	No visible leaks No visible leaks
5	Blind Rams, HCR valve	250 3000	5 15	No visible leaks No visible leaks
6	Blind Rams, 2nd choke	250 5000	5 10	No visible leaks No visible leaks
7	Pipe Rams, 1st choke, 1st kill	250 3000	5 10	No visible leaks No visible leaks
8	TIW valve	250 3000	5 10	No visible leaks No visible leaks
9	Inside BOP	250 3000	5 10	No visible leaks No visible leaks
10	Upper kelly	250 3000	5 10	No visible leaks No visible leaks
11	Casing	1500	30	No visible leaks

ENRON  
Exeter #7

1/29/83  
wildhorse Fed. # 1-35



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU3405

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
WILD HORSE FEDERAL 1-35

9. API Well No.  
43-047-31902

10. Field and Pool, or Exploratory  
WASATCH

11. County or Parish, and State  
UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES INC. Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 35 T10S R19E NENE 860FNL 717FEL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization to cut off the above-ground marker for the P&A'd Wild Horse Federal 1-35 well and install an underground marker.

**COPY SENT TO OPERATOR**

Date: 7-14-2008  
Initials: KS

**RECEIVED**  
**JUN 02 2008**

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #60500 verified by the BLM Well Information System For EOG RESOURCES INC., sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature *Mary A. Maestas* (Electronic Submission) Date 05/29/2008

**DIV. OF OIL, GAS & MINING**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_

Accepted by the \_\_\_\_\_  
Utah Division of  
Oil, Gas and Mining  
Office \_\_\_\_\_  
Date 6/25/08

Federal Approval of This Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

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UTU3405

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7. If Unit or CA/Agreement, Name and/or No.

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1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES INC. Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 35 T10S R19E NENE 860FNL 717FEL

8. Well Name and No.  
WILD HORSE FEDERAL 1-35

9. API Well No.  
43-047-31902

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WASATCH

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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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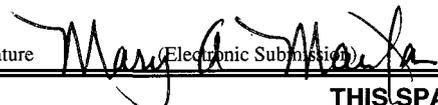
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Above ground dry hole marker for the Wild Horse Federal 1-35 P&A'd well was removed on 5/30/2008. Cut off casing 3' below G.L. and installed below G.L. marker plate as per regulations.

Operation witnessed by Cliff Johnson, Vernal BLM.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #61091 verified by the BLM Well Information System For EOG RESOURCES INC., sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS Title REGULATORY ASSISTANT

Signature  (Electronic Submission) Date 06/25/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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Office \_\_\_\_\_

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**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED RECEIVED**

JUN 27 2008

DIV. OF OIL, GAS & MINING