

UTAH OIL AND GAS CONSERVATION COMMISSION

 REMARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS OPERATOR INSPECTED SUB REPORT NO.

+ Chg in location

DATE FILED 5-26-92

LAND FEE & PATENTED STATE LEASE NO. ML-21510

PUBLIC LEASE NO.

INDIAN

DRILLING APPROVED 6-8-92

SPUDDED IN

COMPLETED PUT TO PRODUING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED

FIELD NATURAL BUTTES

UNIT NATURAL BUTTES

COUNTY UINTAH

WELL NO. NBU 333-2E

API NO. 43-047-32287

LOCATION 1550' FSL FROM (TH) (ST) LINE

1928' FWL

FT FROM (TH) (ST) LINE

NE SW

1/4 - 1/4 SEC 2

1951' FSL

211-15' FWL

TWP. RGE. SEC. OPERATOR

TWP. RGE. SEC. OPERATOR

9S

21E

2

ENRON OIL & GAS

ENRON

OIL & GAS COMPANY

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

March 26, 1992

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

RE. NOTICE OF STAKING
NATURAL BUTTES UNIT 333-2E
Sec 2, T9S, R21E 43 147-30087
Uintah County, Utah
Lease No ML-21510

Dear Mr. Forsman:

Attached is a Notice of Staking on the subject well

If you require further information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY

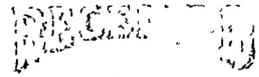


George McBride
Sr Production Foreman

Attachment

cc: Division of Oil Gas & Mining
Doug Weaver/Toni Miller
Curt Parsons
File

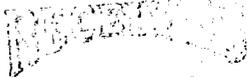
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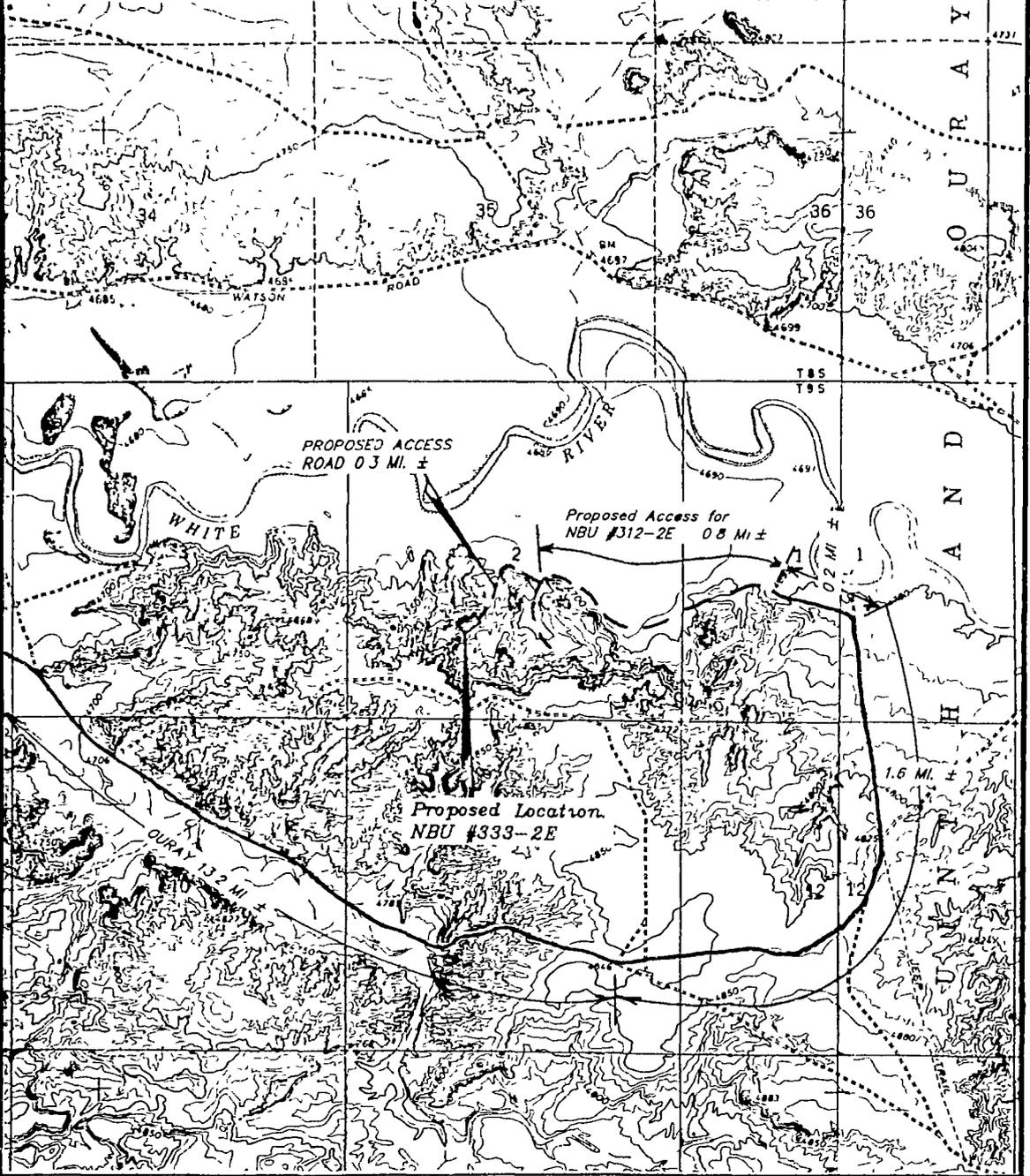


MAR 30 1992

DIVISION OF
OIL GAS & MINING

NOTICE OF STAKING (Not to be used in place of Application to Drill Form 9-331-C)	RMO/GA 5/5/82	5 Lease Number ML-21510
1 Oil Well Gas Well X Other		6 If Indian, Allottee or Tribe Name Ute Indian Tribe
2 Name of Operator Enron Oil & Gas Company		7 Unit Agreement Name Natural Buttes Unit
3 Address of Operator or Agent P O Box 1815, Vernal, Utah 84078		8 Farm or Lease Name Natural Buttes Unit
4 Surface Location of Well (Governmental 1/4 or 1/4 1/4) 1550' FSL & 1928' FWL NE/SW Attach Topographical or other acceptable map Showing location, access road, and lease boundaries		9. Well No 333-2E
14 Formation Objective(s) Wasatch	15 Estimated Well Depth 7325'	10 Field or Wildcat Name NBU/Wasatch
16 To Be Completed by Operator Prior to Onsite a Location must staked - Completed b Access Road Flagged - Completed c Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)		11 Sec , T , R , M , or Blk and Survey or Area Sec 2, T9S, R21E
17 To Be Considered By Operators Prior to Onsite a H2S Potential - NA b Private Surface Ownership - NA c Cultural Resources (Archaeology) - Completed d Federal Right of Way		12 County or Parish 13 State Uintan Utah
18 Additional Information		
19 Signed <i>Linda L. Ward</i> Title Sr Admin Clerk	Date 03/26/92	


 MAR 30 1992
 DIVISION OF
 OIL GAS & MINING



TOPOGRAPHIC
 MAP "B"
 SCALE 1" = 2000'
 DATE 1-2-92 REH



ENRON OIL & GAS CO.

NBU #333-2E

SECTION 2, T9S, R21E, S.L.B &M.

ENRON

Oil & Gas Company

1801 California Street, Suite 3400, Denver, Colorado 80202 (303) 293-2525

January 17, 1992

Utah State Office
Bureau of Land Management
P.O. Box 45155
Salt Lake City, Utah 84145-0155

RECEIVED

JAN 22 1992

DIVISION OF
OIL GAS & MINING

Attention: Mr. Robert A. Henricks
Chief, Branch of Fluid Minerals

RE. Designations of Agent
NBU 303-6E, 306-18E, 310-24E, 311-23E,
314-3E, 316-17E, 328-13E, 329-29E,
330-29E, 333-2E, 334-3E, 335-23E,
336-24E, 337-24E, 338-24E, 339-19E,
340-20E, 341-29E, 342-35E, 343-36E,
344-12E, 345-4E, 346-5E, 347-8E,
348-9E, 312-2E
Uintah County, Utah
Natural Buttes Prospect
1540-AA29, 1540-AA41, 0050612-000,
0050615-000, 0050621-000, 0050622-000,
0050623-000, 0050627-000, 0050628-000,
0050630-000, 0050632-000, 0050637-000,
0050638-000, 0050642-000, 0050686-000,
0050691-000, 0050692-000

Gentlemen:

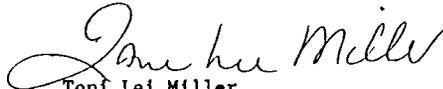
Enclosed, for your approval, are three (3) copies of a blanket Designation of Agent pertaining to Enron Oil & Gas Company's proposed twenty-six (26) wells listed on Exhibit "A" thereto. All copies have been originally executed on behalf of Coastal Oil & Gas Corporation

When approved, please forward the approved Designation of Agent to my attention at the letterhead address.

If anything further is needed in connection with this matter, please contact the undersigned at the telephone number listed in the letterhead.

Yours very truly,

ENRON OIL & GAS COMPANY



Toni Lei Miller
Project Landman

TLH/dac

9548T/Enclosure

cc: Vernal District, BLM (with copy of enclosure)
Division of Oil, Gas & Mining, Attn: Ms. Tami Searing
(with copy of enclosure)
Jim Schaefer - Big Piney (with copy of enclosure)
George R. McBride - Vernal (with copy of enclosure)
Coastal Oil & Gas Corporation, Attn: Mr. Donald H. Spicer
(with copy of enclosure)

DESIGNATION OF AGENT

Robert A. Henricks
Chief, Branch of Fluid Minerals

The undersigned is, on the records of the Bureau of Land Management Unit Operator under the Natural Buttes Unit Agreement, Uintah County, Utah, No. 14-08-00018900 approved January 5, 1968, and hereby designates:

NAME: Enron Oil & Gas Company

ADDRESS: P. O. Box 1815
Vernal, Utah 84078

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing the unit wells listed on the attached Exhibit "A" which are located in Uintah County, Utah.

This designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

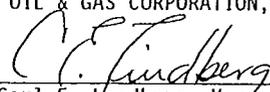
The designated agent will be responsible for compliance with the Oil and Gas Operating Regulations as they relate to the drilling, testing, and completion of each of the subject wells. In accordance with 3104.2, bonding shall be provided by Enron Oil & Gas Company, and No. 81307603.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate as to each well when there is filed in the appropriate district office of the Bureau of Land Management a completed file of all required Federal reports pertaining to that well. At which time the Unit Operator shall assume all liability of that well and bonding shall be provided by the Unit Operator or as otherwise arranged by the unit agreement. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

COASTAL OIL & GAS CORPORATION, Unit Operator

By.


Carl E. Lindberg, Vice President

Date

December 16, 1991



EXHIBIT "A"

Attached to and made a part of that certain Designation of Agent dated December 16, 1991, from Coastal Oil & Gas Corporation.

WELL NAME	LOCATION			
	DIV.	SEC	TWP	RGE
NBU 303-6E	SESW	6	10	21
NBU 306-18E	NESW	18	9	21
NBU 310-24E	SWNE	24	9	21
NBU 311-23E	SWSE	23	9	21
NBU 314-3E	SESW	3	9	21
NBU 316-17E	SWNW	17	9	21
NBU 328-13E	NESW	13	10	20
NBU 329-29E	SENE	29	9	22
NBU 330-29E	SESW	29	9	21
NBU 333-2E	NESW	2	9	21
NBU 334-3E	NESE	3	9	21
NBU 335-23E	SENE	23	9	21
NBU 336-24E	SESW	24	9	21
NBU 337-24E	NESW	24	9	21
NBU 338-24E	NENE	24	9	21
NBU 339-19E	NWSW	19	9	22
NBU 340-20E	NWSE	20	9	22
NBU 341-29E	SESE	29	9	22
NBU 342-35E	NENW	35	9	22
NBU 343-36E	SESW	36	9	22
NBU 344-12E	NWNE	12	10	20
NBU 345-4E	SWSW	4	10	21
NBU 346-5E	NWSE	5	10	21
NBU 347-8E	NESW	8	10	21
NBU 348-9E	NWNW	9	10	21
NBU 312-2E	SWSE	2	9	21

ENRON

OIL & GAS COMPANY

P O BOX 1814 VERNAL UTAH 84078 (801)789-0790

May 7, 1992

RECEIVED

MAY 26 1992

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

DIVISION OF
OIL GAS & MINING

RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 333-2E
SECTION 2, T9S, R21E
UINTAH COUNTY, UTAH
LEASE NO. M1-21510
UTE TRIBAL LANDS

Dear Mr Forsman.

Enclosed are the original and two (2) copies of the Application for Permit to Drill and associated attachments for the referenced well.

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

Sincerely,

ENRON OIL & GAS COMPANY

George R McBride
Sr Production Foreman

Attachments

cc: State Division of Oil, Gas & Mining
D. Weaver/T. Miller
Suzanne Saldivar - Houston
File

/lw
NBU333-2EAPD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LEASE INFORMATION AND REG. NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL: DRILL DEEPEN PLUG BACK

2. NAME OF OPERATOR: Enron Oil & Gas Company

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

4. LOCATION OF WELL (Specify location clearly and in accordance with BLM State requirements):
1928' FWL & 1550' FSL NE/SW

5. LEASE INFORMATION AND REG. NO.: MI-21510
Ute Tribal Surface
Natural Buttes Unit
Natural Buttes Unit
333-2E
NBU/Wasatch (N3)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15.9 Miles Southeast of Ouray, Utah | Uintah | Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Aid: To deepen drill, specify hole, if any): 1550' ±

16. NO. OF ACRES IN LEASE: 320

17. NO. OF ACRES ASSIGNMENT TO THIS WELL: 80

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETE, OR APPLIC. FOR ON THIS LEASE, FT.: 1549' ±

19. PROPOSED DEPTH: 7325' ± (N.G.C.)

20. ROTARY OR CABLE TOOL: Rotary

21. ELEVATIONS (Show whether DF, RT, GIL, etc.): 4714' Graded Ground

22. APPROX. DATE WORK WILL START: July 18, 1992

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"	32.3#	240'	125 sx Class "G" + 2% CaCl2
7 7/8"	5 1/2"	10.5#	7325'	+ 3/4 #/sx celloflake. 50/50 Pozmix + 2% gel + 10% salt to 400' above all zones of interest (+ 10% excess). Light cement (11 PPG) + 1CM to 200' above oil shale or fresh water intervals (+5% excess).

RECEIVED

MAY 26 1992

DIVISION OF
OIL GAS & MINING

SEE ATTACHMENTS FOR:
8 point Plan
Drilling Program
BOP Schematic
Surface Use and Operating Plan
Location Plat
Location layout
Topographic Maps "A", "B", and "C"

Enron Oil and Gas Company will be the designated operator of the subject well under Nation Wide Bond #8130760.

18. 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.

SIGNER: Linda A. Wall TITLE: Sr. Admin. Clerk DATE: 5/7/92

PERMIT NO: 13-247-30087 APPROVAL DATE: _____

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-6-92
BY: JAY Matthews
WELL SPACING: 649-2-3

*See Instructions On Reverse Side

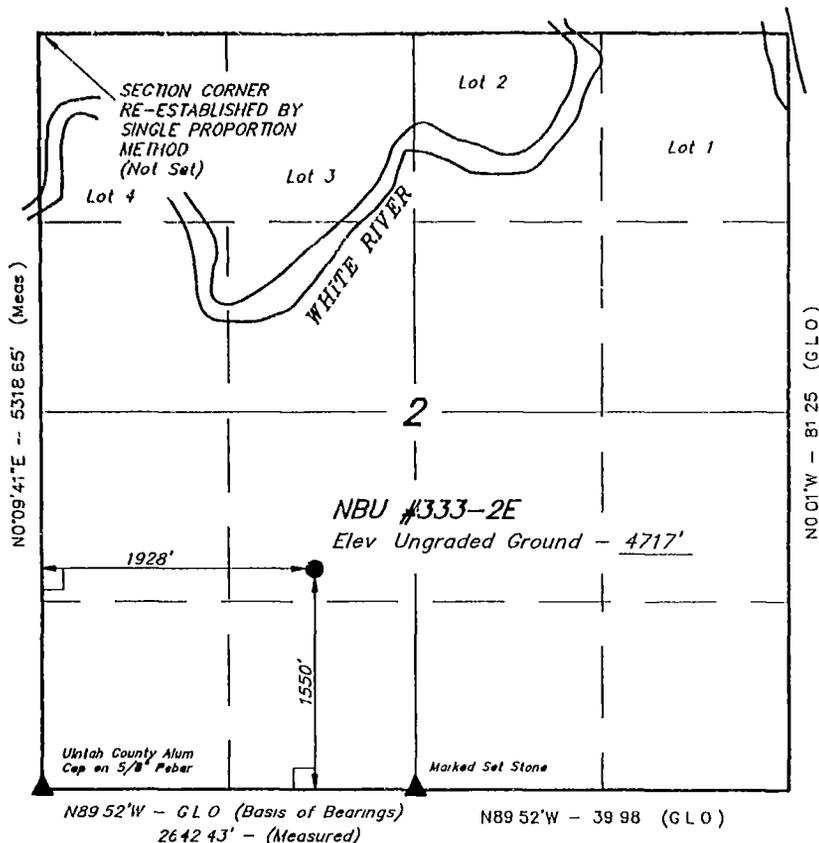
T9S, R21E, S.L.B.&M.

ENRON OIL & GAS CO.

Well location, NBU #333-2E, located as shown in the NE 1/4 SW 1/4 of Section 2, T9S, R21E, S.L.B.&M Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE S 1/4 CORNER OF SECTION 2, T9S, R21E, S L B & M TAKEN FROM THE CURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY SAID ELEVATION IS MARKED AS BEING 4857 FEET



CERTIFICATE

No 5709

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84076

SCALE 1" = 1000'	DATE 1-2-92
PARTY GS BB REH	REFERENCES GLO PLAT
WEATHER COLD	FILE ENRON OIL & GAS CO

▲ = SECTION CORNERS LOCATED

EIGHT POINT PLAN

NATURAL BUTTES UNIT 333-2E

SECTION 2, T9S, R21E

UINTAH COUNTY, UTAH

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

FORMATIONS	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River			
Oil Shale	1,655'		
"H" Marker	3,577'		
"J" Marker	4,267'		
Base "M" Marker	4,857'		
Wasatch			
Peters Point	5,267'	Gas	2,400 PSI
Chapita Wells	5,797'	Gas	2,600 PSI
Buck Canyon	6,357'	Gas	2,900 PSI
Island	7,280'	Gas	3,300 PSI
EST. TD	7,325'	Anticipated BHP	3,300 PSI

All depths are based on estimated KB elevation 4,726'. Maximum pressure estimates are based on bottom hole pressures measured on offset or near vicinity wells to the subject well

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' -240'	240'	9 5/8"	32 3#	H-40 ST&C	1400 PSI	2270 PSI	254,000#
7 7/8"	0' -7325'	7325'	4 1/2"	10.5#	J-55 ST&C	4010 PSI	4790 PSI	146,000#

All casing to be used will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 333-2E

PAGE NO 2

5 MUD PROGRAM

INTERVAL

0' - 240'
240' - 4000'
4000' - 6400'
6400' - TD

MUD TYPE

Air
Air/Mist & Aerated Water
Aerated 3% KCl Water or KCl substitute
Gel/polyacrylamide polymer w/LCM
sweeps Utilize air as necessary
to minimize mud loss and prevent
excessive water influx.

Severe lost circulation probable from 1500' to 3000'.
Sufficient mud inventory will be maintained on location during drilling to
handle any adverse conditions that may arise.

6. EVALUATION PROGRAM

Logs	Dual Laterolog/GR FDC-CNL/GR/Caliper Linear 2" DLL	From base of surface casing to TD TD to 3,500'
------	--	---

Cores.	None Programmed
DST'	None Programmed.

Completion To be submitted at a later date

7. ABNORMAL CONDITIONS.

None anticipated.

8 STANDARD REQUIRED EQUIPMENT

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

Attachment. BOP Schematic Diagram

NBU333-2EPP

/LW

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

Company/Operator: Enron Oil & Gas Company
Well Name & Number: Natural Buttes Unit 333-2E
Lease Number: ML-21510
Location: 1928' FWL & 1550' FSL NE/SW Sec 2 T 9S R. 21E
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

- Location Construction - forty-eight (48) hours prior to construction of location and access roads
- Location Completion - prior to moving on the drilling rig
- Spud Notice - at least twenty-four (24) hours prior to spudding the well
- Casing String and Cementing - twenty four (24) hours prior to running casing and cementing all casing strings
- BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

1. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "E" showing access to location from existing road.
2. The proposed well site is located approximately 1 1/2 miles southeast of Duray, Utah - See attached TOPO Map "A"
3. Refer to attached topographic Map "A" showing labeled access route to location.
4. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be 0.3 miles in length. See attached TOPO Map "E"
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 5%.
- D. No turn outs will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

~~NEW~~ or reconstructed roads will be centerline - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication Surface Operating Standards For Oil & Gas Exploration and Development, (1989)

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, 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 crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off 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.

A Right-of-Way application will be required.

As operator Enron Oil & Gas Company shall be responsible for all maintenance on cattleguards, or gates associated with this well and/or gas operation

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - Four - See attached TOPO Map "C" for location of producing wells
- G. Shut in wells - None
- H. Injection wells - None

4. LOCATION OF EXISTING/AND OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities will be set on location if well is successfully completed for production. Facilities will consist of well head & valves, separator, dehy, 210 BBL condensate tank, meter house and attaching piping. See attached facility diagram
- 3. Oil gathering lines - None
- 4. A 3 1/2" gathering line will be buried from dehy to southeast edge of location
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. OFF WELL PAD

- 1. Proposed location of attendant off pad gas flowlines shall be flagged prior to archaeological clearance.
- 2. A 4 1/2" OD steel above ground natural gas pipeline will be laid approximately 900' from proposed location to a point in the SE/SW of Sec. 2, T9S, R21E where it will tie into Enron Oil & Gas Co.'s existing line. Proposed pipeline crosses Ute Indian Tribe Lands, thus a Right-of-Way grant will be required. See attached Exhibit A showing pipeline route.
- 3. Proposed gas gathering pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the southeast side of location

All permanent (on site for six months or longer) structure constructed or installed (including pumping units) will be painted a flat non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required 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. The required paint colors is Carlsbad Canyon.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc s' water source in the SW/SW Sec. 35, T9S, R27E, Uintah County, Utah (State water right #49-1501).
- B. Water will be hauled by Target Trucking Inc
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Ute Tribal Land
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. 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 days period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and dispose of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land.

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

- To protect the environment
If the reserve pit is lined the operator will provide the BIA 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 described 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.
- To protect the environment (without a chemical analysis).
Reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.
- Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall 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. Refer to attached well site plat for related topography cuts and fills & cross sections
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approve on On-site
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the northwest side of location.

The flare pit will be located downwind of the prevailing wind direction on the northwest side of location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the south corner.

Access to the well pad will be from the north.

- NA Diversion ditch(es) shall be construct on the _____ side of the location (above below) the cut slope, draining to the _____
- NA Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____
- NA The drainages shall be diverted around the sides of the location
- NA The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons _____
- NA The _____ corner of the well pad will be rounded off to avoid the _____
- NA A 18" dia X 40' long culvert shall be installed in drainage where access road enters location

FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards.

- A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B 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 posts shall be cemented and/or braced in such a manner to keep the fence tight at all times
- D 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'
- E All wire shall be stretched by using a stretching device before is be attached to the corner posts

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up

Each existing fence to be crossed by the access road 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 BIA 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 cattleguards (shall/shall not) be permanently mounted on concrete bases Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off

10. PLANS FOR RESTORATION OF SURFACE

A PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion any hydrocarbons on the pit shall be removed in accordance with CFR 3162 7-1

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

B DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BIA will attach the appropriate surface rehabilitation conditions of approval.

ON BIA Administered lands.

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

11. SURFACE OWNERSHIP

Access road Ute Indian Tribe
Location: Ute Indian Tribe

12. OTHER INFORMATION

A Enron Oil & Gas Company will inform all persons in the area who are associated with this project that they are 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 will immediately stop work that might further disturb such materials, and contact the 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

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

-if the operator wished, 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 guideline for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B As operator Enron Oil & Gas Company will control noxious weeds along Right-of-Ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C Drilling rigs and/or equipment used during drilling operations on this well site 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. (The BLM does not seek to compete with private industry. There are commercial facilities available for for stacking and storing drilling rigs.)

On BIA administered land

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, and approved right-of-way will be obtained from BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uinta and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (A) that the land is owned by the Ute Indian Tribe (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted. All well site locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

Additional Surface Stipulations

NA No construction or drilling activities shall be conducted between _____ and _____ because of _____

NA No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground

NA No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

NA There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

NA No cottonwood trees will be removed or damaged.

NA Pond will be constructed according to BLM specifications approximately _____ ft. _____ of the location, as flagged on onsite.

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
Jim Schaefer
Telephone: (307) 276-3331

All lease/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 approval plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in 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.

5/5/92
DATE

George R. McBride
GEORGE R. MCBRIDE
SR PRODUCTION FOREMAN

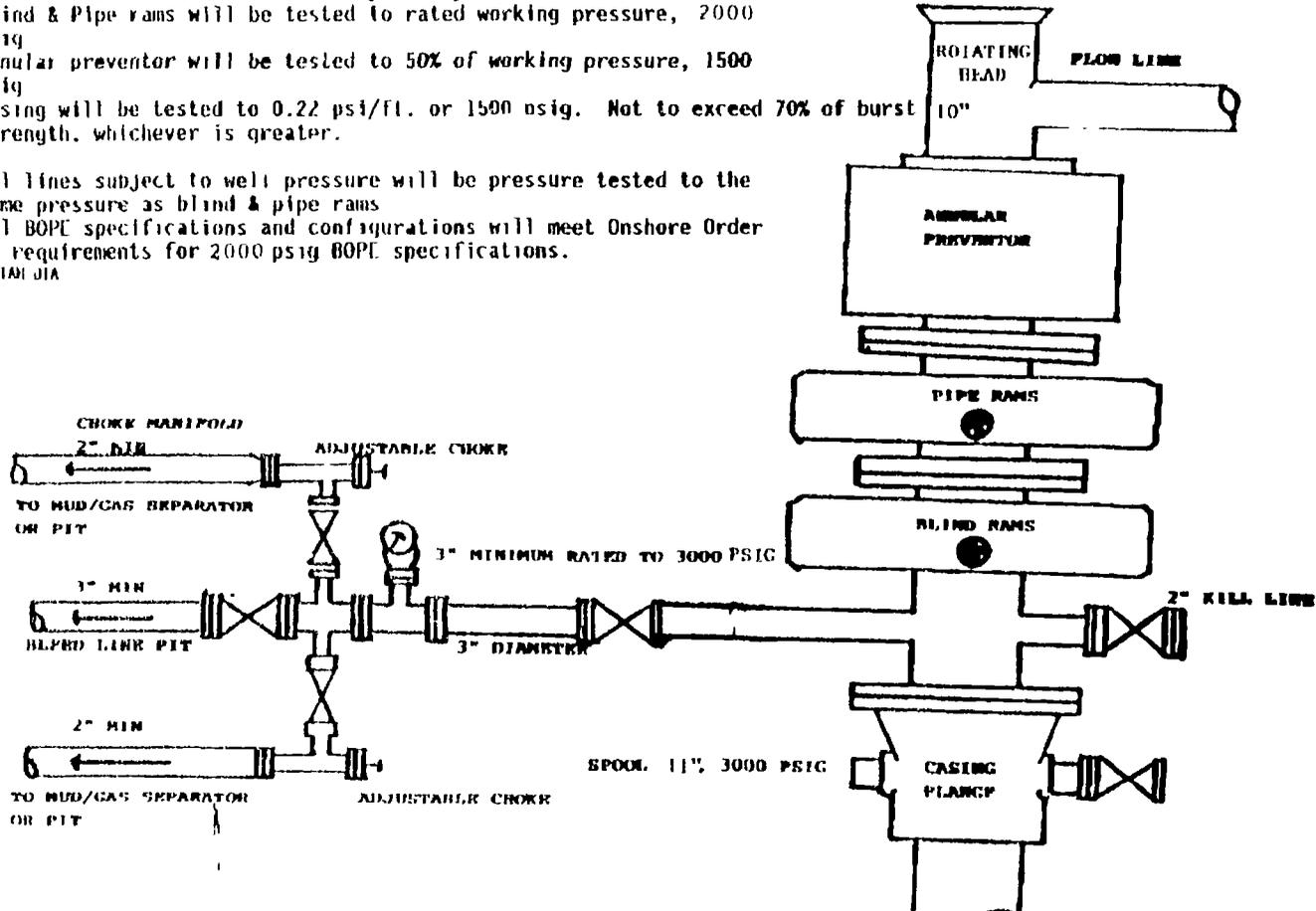
2000 PSIG BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED
 CASING FLANGE IS 11" 3000 PSIG RATED.
 BOPE 11" 2000 PSIG

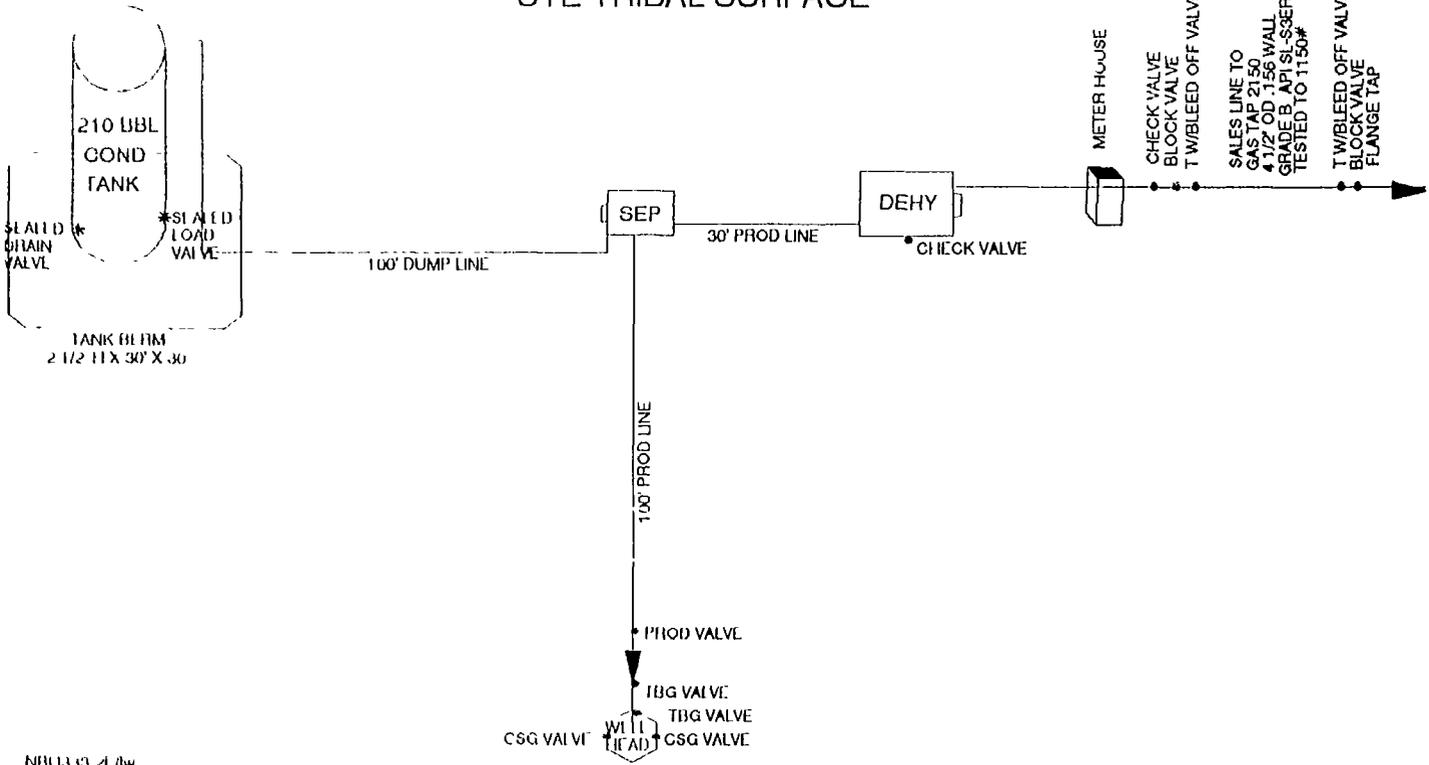
TESTING PROCEDURE

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days
2. Blind & Pipe rams will be tested to rated working pressure, 2000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/fl. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.

H 100LABOPUTAI JIA



NATURAL BUTTES UNIT 333-2E
 SECTION 2, T9S, R21E
 Uintah County, Utah
 State Lease #ML-21510
 Ute Tribal Surface



ENRON

Oil & Gas Company

DRILLING PROGRAM

Date: March 20, 1987

REVISION NO. & DATE: _____

PROJECT NATURE BUTTES UNIT LEASE MCDONALD (0650656-006)WELL NAME & NUMBER Nature Buttes Unit 22-2FWELL CLASSIFICATION DW-C&S ANTICIPATED PRODUCTION OIL GAS X OTHER
TGS XLOCATION CALL 1550' FSL & 192E' FWL (NE Sh)Section 2, T9S, R21EUintah County, UtahELEVATION 4710' GL, 4752' KB (estimated)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 7325' PERMIT DEPTH 7325'CONDUCTOR NEEDED? No If yes, size & how set _____CRITERIA FOR DETERMINING CASING SEAT FOR CRITICAL STRINGS WOC overnight
before cutting off surface casing to weld on head.

CENTRALIZERS (DEPTH & TYPE).

Surface - One 5-10' above shoe & top of first, second & fourth jointProduction - One @ middle of 1st jt & every third collar to 5200'

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT

Surface - Guide shoe

Production - Guide shoe and differential float collar with top plug

Marker string & 2000' and 1500'

PUMPING RATES/SPECIAL INSTRUCTIONS. Circulate casing and holes prior to cementing. Reinject casing.

LOGGING PROGRAM: DL/GE from TD to base of surface casing.

FD/CN/GE caliper from TD to 100' above Green River "M" Marker

Continue caliper to desired top of cement

CORES None are anticipated

SAMPLES Collect 30' samples from below surface casing to 4800'. Collect 10' samples from 4800' to TD

FORMATION TESTS None are anticipated

MUD LOGGING (Includes services & depth) From 4800' to TD

DETECTION & CONTROL EQUIPMENT 10" 2000 psig BOP with blind and pipe rams

10" Annular Preventor 10" rotating head Test manifold & BOP's to 2000 psig, annular preventor to 1500 psig, surface casing to 1500 psig

Use certified pressure testing service company and leave a copy of the test chart in the doghouse until rig down

COMPLETION PROGRAM To be submitted at a later date

OTHER SERVICES None are anticipated

FORMATION TOPS & DEPTHS (ESTIMATED)

FORMATION NAME & TYPE ESTIMATED FEET (CR) DATE THICKNESS & REMARKS

See attached E. REPORT

X-MUD TREE 10' BODY, 10' HEAD, 10' TAPER, 10' CR, 10' BODY, 10' TAPER, 10' HEAD
SPECIFIC GRAVITY: 1.05, VISCOSITY: 40-50 CP

MUD PROGRAM

DEPTH INTERVAL	MUD WEIGHT	VIS	WL (cc)	TYPE OF MUD
0' to 240'				Air
240' to 4000'				Air/Mist & Aerated Water
4000' to 6400'				Aerated 3% FCl water or KCl substitute.
6400' to TD	8.5-9.2	32-45	10-15	Gel/polyacrylamide polymer w/ LCM sweep. Utilize air as necessary to minimize mud loss and prevent excessive water influx.

DRILLING HAZARDS & SPECIAL INSTRUCTIONS

Lost circulation from 1500' to 3000'. Underbalanced circulation system will require rotating head. Potential gas kicks in Green River and Hawatch. Potential shale swelling/sloughing problems. Meter air & add foamers to maximize consistency of returns & maintain stable pit levels. Utilize air below 6400' as dictated by severity of lost circulation. Increase viscosity to 40 sec./qt. 12 hours prior to projected TD.

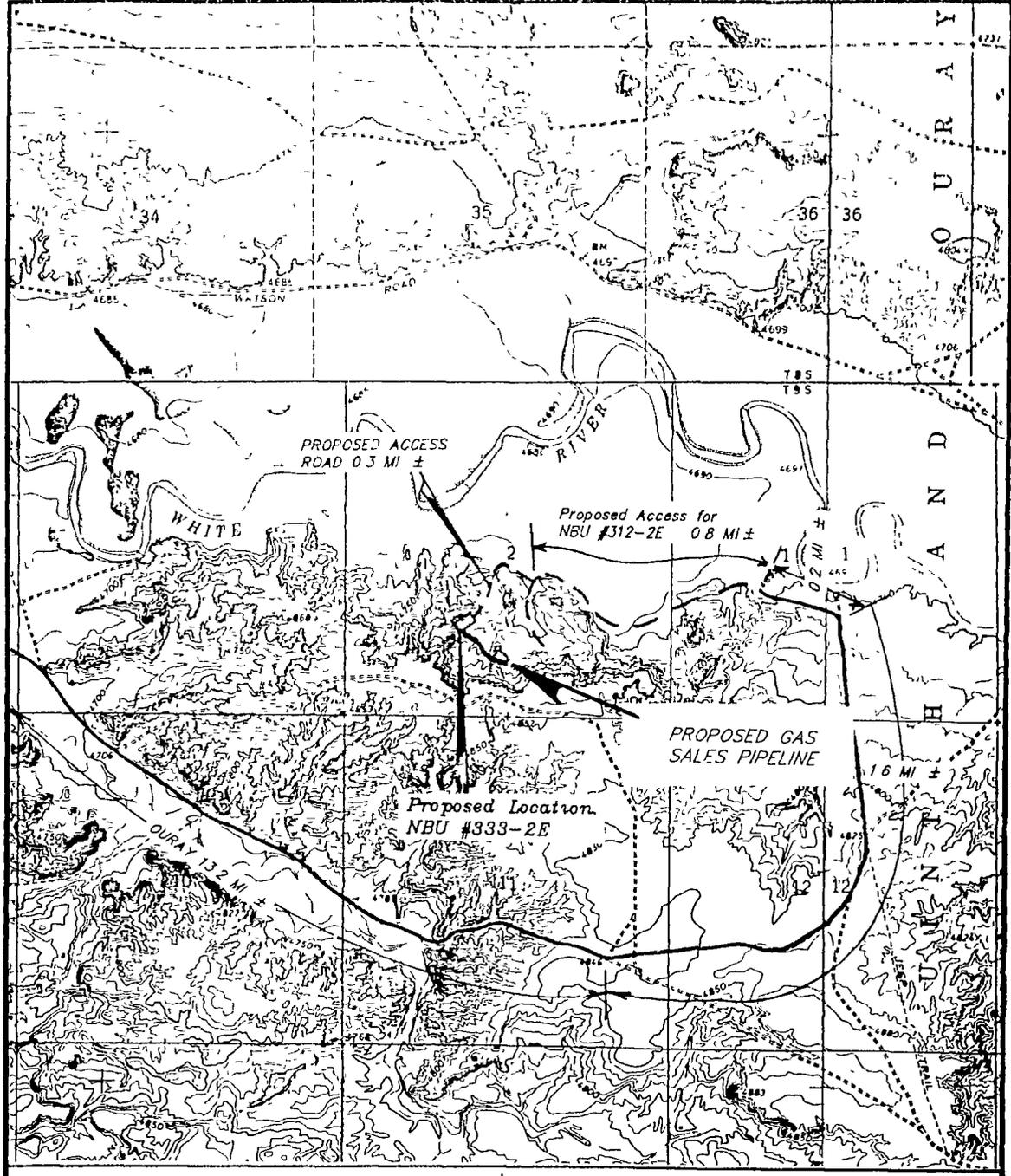


EXHIBIT "A"
GAS SALES PIPELINE

SCALE 1" = 2000'
DATE 1-2-92 REH



ENRON OIL & GAS CO.

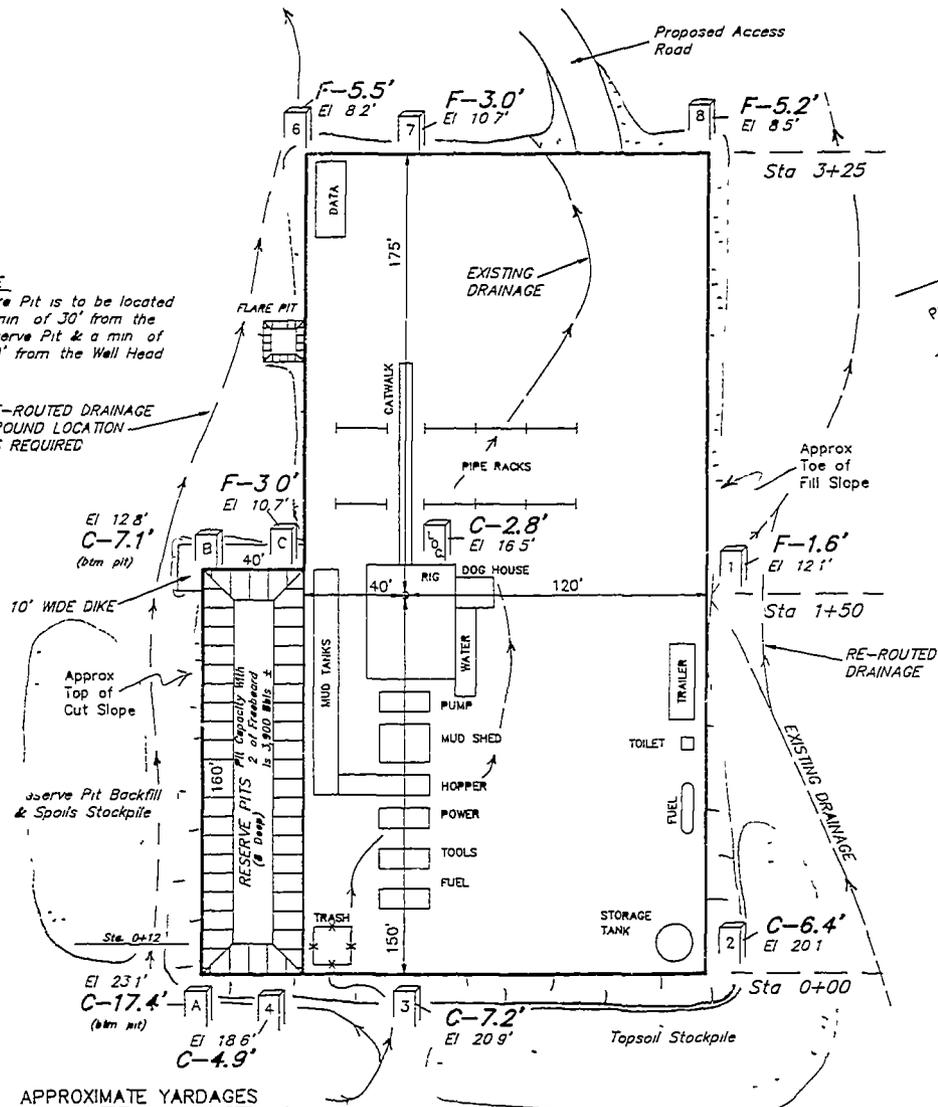
NBU #333-2E
SECTION 2, T9S, R21E, S L.B.&M

ENRON OIL & GAS CO.
 LOCATION LAYOUT FOR
 NBU #333-2E
 SECTION 2, T9S, R21E, S.L.B.&M

NOTE

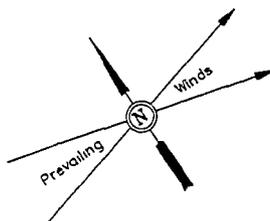
Flare Pit is to be located a min of 30' from the Reserve Pit & a min of 100' from the Well Head

RE-ROUTED DRAINAGE AROUND LOCATION AS REQUIRED

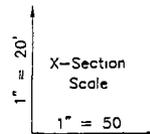


APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 2,200 Cu Yds	EXCESS MATERIAL AFTER 5% COMPACTION	= 2,830 Cu Yds
Remaining Location	= 4,770 Cu Yds.	Topsoil & Pit Backfill (1/2 Pit Vol)	= 2,820 Cu Yds
TOTAL CUT	= 6,970 CU.YDS	EXCESS UNBALANCE (After Rehabilitation)	= 10 Cu Yds
FILL	= 3,930 CU YDS		

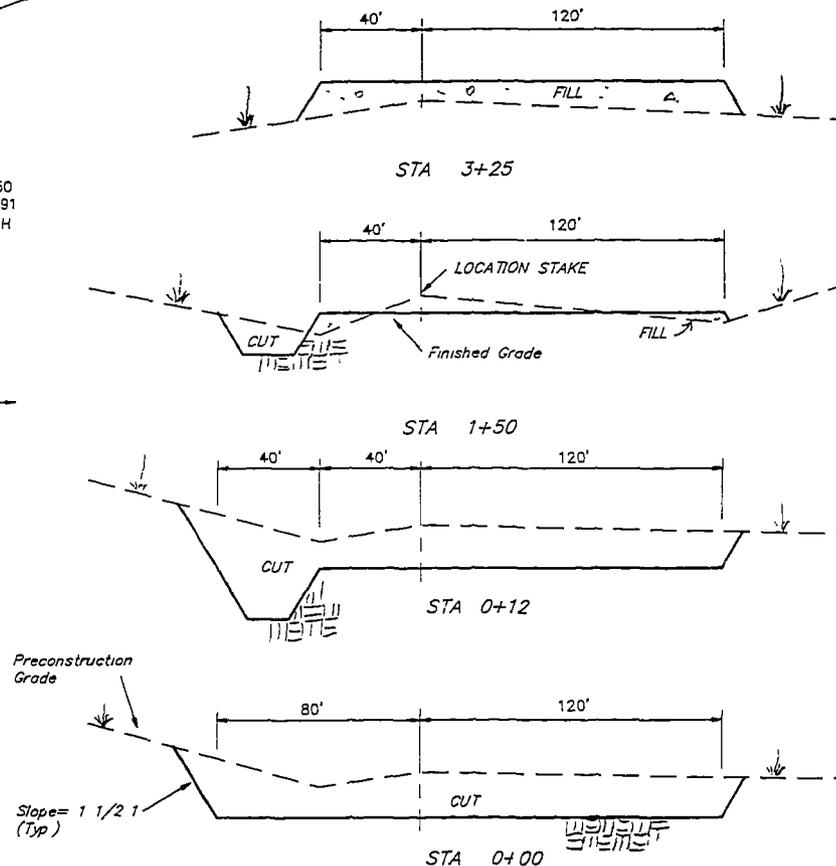


SCALE 1" = 50
 DATE 12-31-91
 Drawn By REH



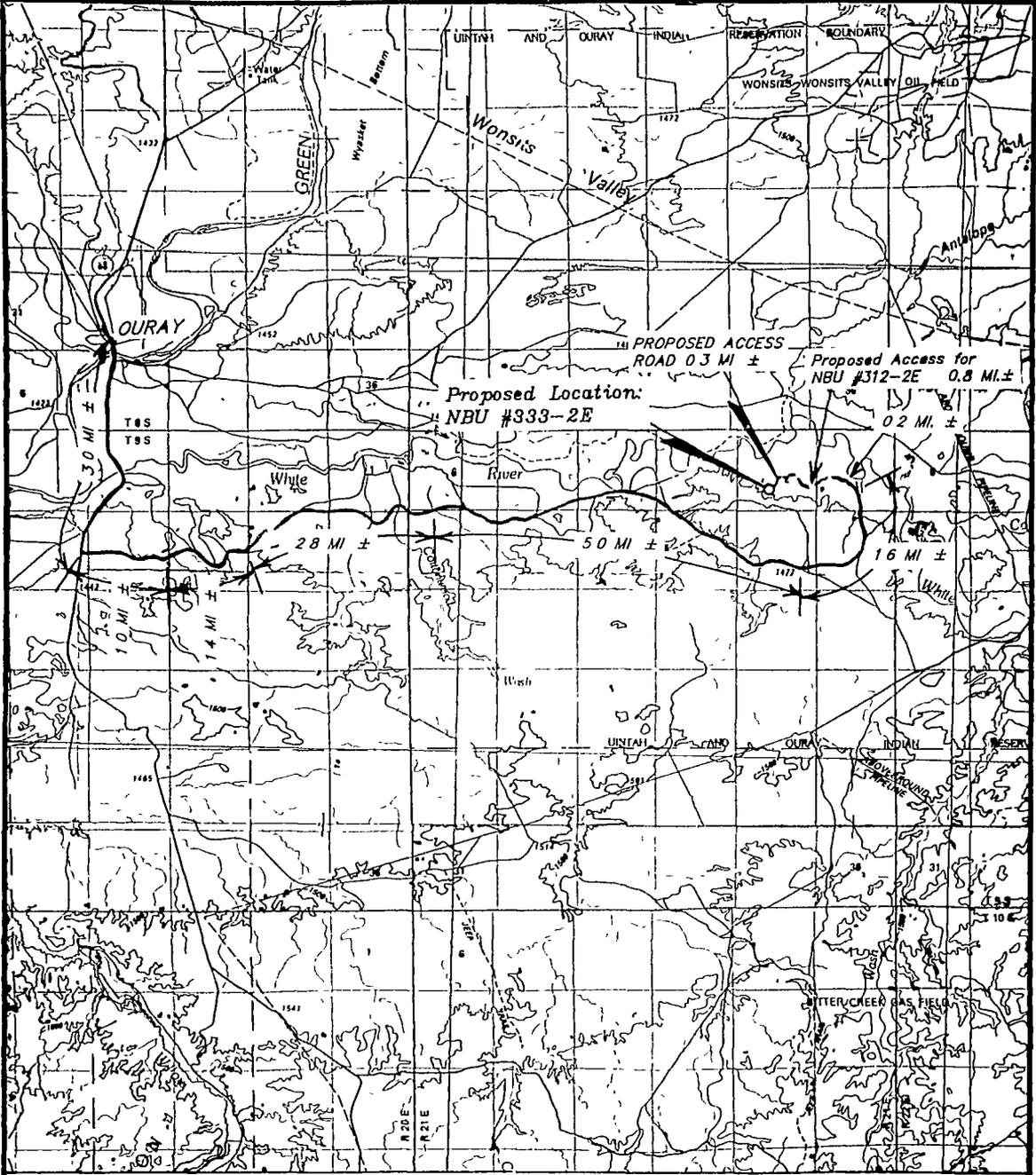
TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS



Elev Ungraded Ground at Location Stake = **4716.5'**

Elev Graded Ground at Location Stake = **4713.7'**



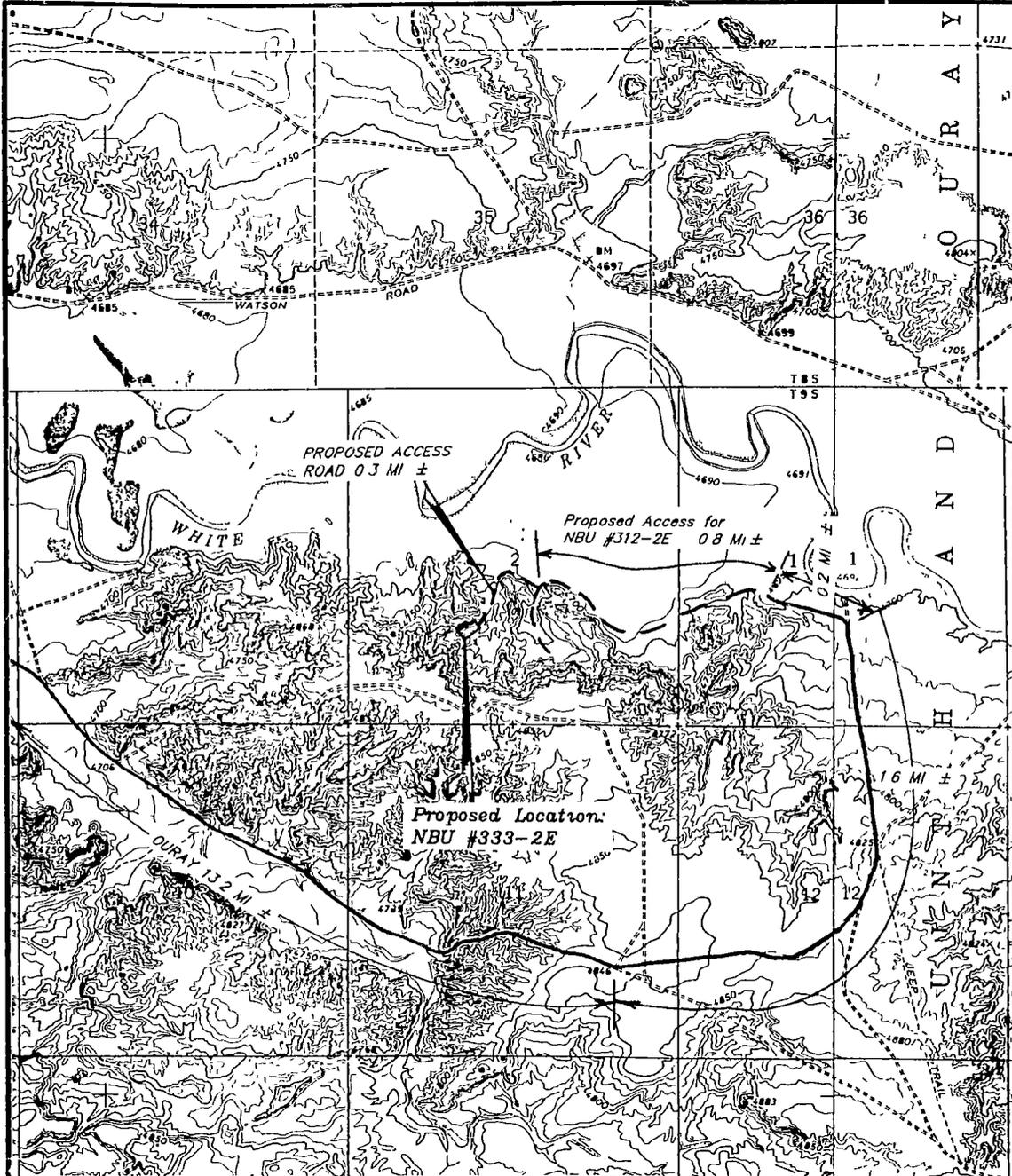
TOPOGRAPHIC
MAP "A"

DATE 1-2-92 REH



ENRON OIL & GAS CO.

NBU #333-2E
SECTION 2, T9S, R21E, SLB &M

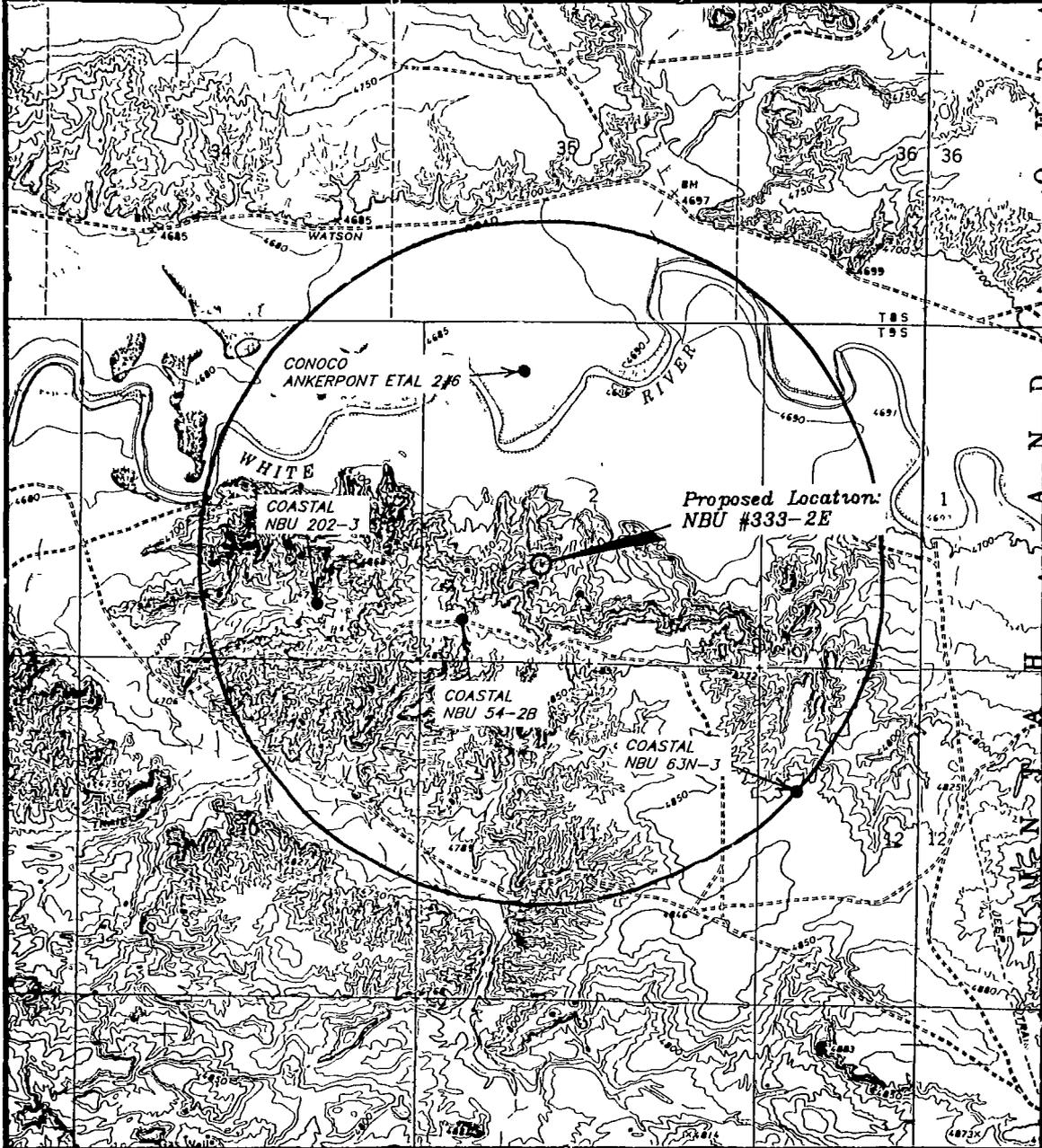


TOPOGRAPHIC
MAP "B"
SCALE 1" = 2000'
DATE 1-2-92 REH



ENRON OIL & GAS CO.

NBU #333-2E
SECTION 2, T9S, R21E, S.L.B &M.



LEGEND:

- = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ∅ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◆ = Shut-in Wells



ENRON OIL & GAS CO.

NBU #333-2E
SECTION 2, T9S, R21E, S.L.B.&M.

TOPO MAP "C"

DATE 1-2-92 REH

OPERATOR Enron Oil Gas Co N-0401 DATE 5-27-90

WELL NAME NBD 333-01E

SEC NEED OF T 93 R WIE COUNTY Urtah

43-047 33087
API NUMBER

State (3)
TYPE OF LEASE

CHECK OFF

PLAT

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS

Included in 90 PSD approved 4-21-90
Water Permit 49-1501 target tracking
Permit 5-09-90 for permit required per Brad Hill
Designation of opul included in file
Oil shale area

APPROVAL LETTER

R615-2-3

R615-2-3

Natural Buttes
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS

Oil shale area
cc St Francis



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Hangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Trad Center Suite 350
Salt Lake City Utah 84190 1203
801 538 5340

June 8, 1992

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

Gentlemen

Re, Natural Buttes Unit 333-2E Well, 1550 feet from the south line, 1928 feet from the west line, NE 1/4 SW 1/4, Section 2, Township 9 South, Range 21 East, Uintah County, Utah

Pursuant to Utah Code Ann § 40-6-18, (1953, as amended), Utah Admin R 649-2-3, and Utah R. 649-3-4, approval to drill the referenced well is hereby granted

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

1. Compliance with the requirements of Utah Admin R 649-1 et seq, Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entry Action Form, Form 6, *within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change*
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R J Firth, Associate Director, (Home) (801)571-6068
6. Compliance with the requirements of Utah Admin R 649-3-20, Gas Flaring or Venting, if the well is completed for production

Page 2

Enron Oil & Gas Company

Natural Buttes Unit #333-2E Well

June 8, 1992

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should 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 Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32287.

Sincerely,



R. J. Firth

Associate Director, Oil and Gas

ldc

Enclosures

cc Bureau of Land Management
State Lands and Forestry
J. L. Thompson

WO11



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Trade Center Suite 350
Salt Lake City Utah 84103
801 538 5340
801 359 3940 (fax)
801 538 5319 (TDD)

February 14, 1994

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

Re: Application for Permit to Drill
Well No NBU 333-2E
NESW, Sec 2, T 9S, R. 21E
Uintah County, Utah
API No. 43-047-32287

Dear Sirs:

Your referenced application submitted for approval was approved January 31, 1990. In accordance with R 649-3-4-4, the Division rescinds its approval of the referenced application

In order to drill this well in the future, a new application will have to be submitted

Yours truly,

A handwritten signature in cursive script that reads "Frank Matthews".

Frank Matthews
Petroleum Engineer

cc R J Firth
State Lands and Forestry
Well file