

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG  ELECTRIC LOGS  FILE  WATER SANDS  LOCATION INSPECTED **OIL** SUB. REPORT/abd

*11-84 location abandoned - well never drilled  
8-21-84*

DATE FILED **2-8-83**

LAND FEE & PATENTED STATE LEASE NO

PUBLIC LEASE NO **U-22092**

INDIAN

DRILLING APPROVED **3-15-83**

SPUDDED IN

COMPLETED PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION: **4846'**

DATE ABANDONED: **~~11-84~~ 8-21-84**

FIELD: **WILDCAT 7/86**

UNIT:

COUNTY: **EMERY**

WELL NO **WILDCAT BUTTE UNIT # 2-19**

API NO. **43-015-30157**

LOCATION **1980** FT. FROM (N) **XX** LINE.

**660**

FT. FROM **XX** (W) LINE.

**SW NW**

**1/4 - 1/4 SEC 19**

TWP	RGE	SEC.	OPERATOR	TWP	RGE	SEC.	OPERATOR
25S	14E	19	UNION TEXAS PETROLEUM				

5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
 14001 E. Iliff Ave., Suite 500, Aurora, Colorado 80014

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface: 1980' FNL & 660' FWL (SW/4, NW/4)  
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 57 miles southwest of Green River, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 2556.96 Ac in Lease  
 12,888.84 Ac in Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

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

19. PROPOSED DEPTH  
 2650'

20. ROTARY OR CABLE TOOLS  
 Rotary - Surface to TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4846' GR

22. APPROX. DATE WORK WILL START\*  
 3/25/1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	400'	200 sx
7-7/8"	5-1/2"	15.5#	TD	200 sx

- Spud 12-1/4" hole w/air mist, foam or mud up as necessary. Drill to 400' +.
- Set 8-5/8" 24#, K-55 new casing at 400' & cement w/approx 200 sx. WOC 12 hrs.
- Install 10", 3000# BOP stack & choke manifold.
- Drill 7-7/8" hole to TD at 2650' and log.
- Set 5-1/2", 15.5#, K-55 new casing at TD, if found productive.
- Cement casing w/approximately 200 sx. WOC 12 hrs.
- Perforate and treat as needed.

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 3-15-83  
 BY: [Signature]

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

24. SIGNED Thomas C. Belsha TITLE Area Operations Manager DATE 2/8/1983

(This space for Federal or State office use)

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

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

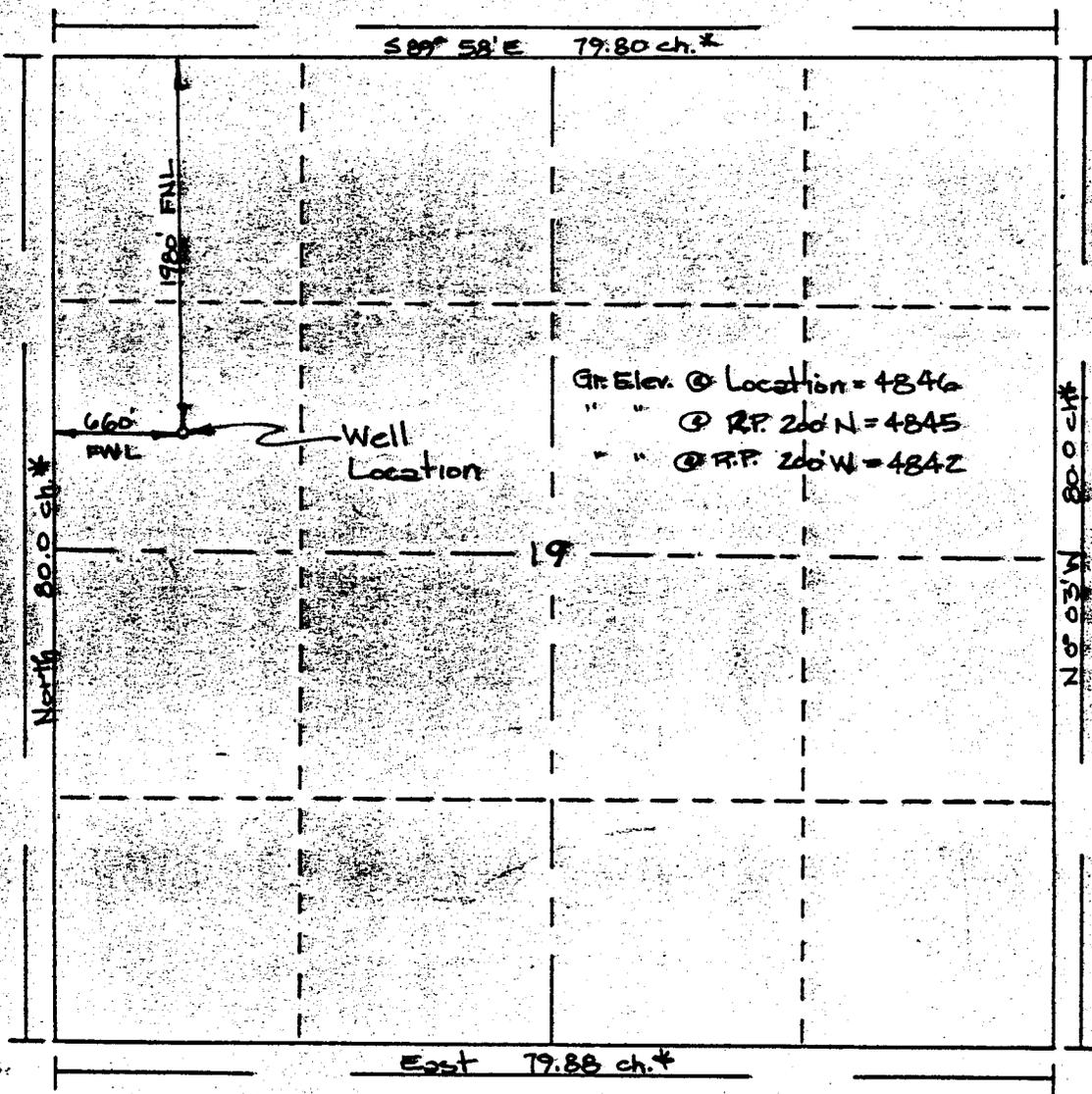


\*GLO plat information

EXHIBIT "A"

R. 14 E.

N



T. 25 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from Tom BELSHA for UNION TEXAS PETROLEUM CORPORATION determined the location of WILDCAT BUTTE UNIT 2-19 to be 1980 FNL & 660' FWL of Section 19 Township 25 South Range 14 East of the SALT LAKE Meridian  
EMERY County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

Date: DEC. 10, 1982

T. Belsha  
 Licensed Land Surveyor No. 2711  
 State of UTAH

TEN-POINT NTL-6 COMPLIANCE PROGRAM

Union Texas Petroleum Corporation  
Wildcat Butte Unit #2-19  
SW. NW. Section 19, T25S-R14E  
Emery County, Utah

1. Geologic Name of the Surface Formation

The surface formation is the Quaternary, comprised mostly of sand dunes.

2. Estimated Tops of Important Geologic Markers

Entrada	50'
Navajo	270'
Kayentz	770'
Wingate	970'
Chinle	1220'
Moenkopi	1570'
Coconino	2035'
Estimated TD	2650'

3. Estimated Depths of Water, Oil, Gas, or Minerals

Navajo	270'	possible water
Coconino	2035'	oil

4. Proposed Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size (OD)</u>	<u>Weight, Grade Joint</u>	<u>Condition</u>
12-1/4"	0-400'	400'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0-2650'	2650'	5-1/2"	15.5# K-55 ST&C	New

Proposed Cementing Program

8-5/8" Surface Casing - 50 sx 50/50 Pozmix followed by 150 sx Thixotropic Cement  
5-1/2" Production Casing - 200 sx Thixotropic Cement

5. Operator's Minimum Specifications for Pressure Control

Exhibit "B" is a schematic diagram of the proposed BOP equipment. The BOP's will be hydraulically tested to 1/2 of the rated working pressure after nipping up and after any use under pressure. The pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventer each time pipe is pulled. Such checks of the BOP's will be noted on daily drilling reports.

Accessories to the BOP's will include upper Kelly cock, floor safety valve, and a 3000# choke manifold shown as Exhibit "C".

6. The Type and Characteristics of the Proposed Circulating System

This well will be air drilled, if possible. A mist pump and/or foaming materials will be on site if minor water flows are encountered. Should excessive water be encountered, the hole will be mudded up with a water based system as follows:

<u>Depth</u>	<u>Hole Size</u>	<u>Type Mud</u>	<u>MW</u>	<u>VIS</u>	<u>FL</u>
0-400'	12-1/4"	Water Base w/gel-lime sweep	8.5-9.0	28-33	NC
400-TD	7-7/8"	Water Base, nondispersed	8.5-9.2	28-37	10 cc

Lost circulation materials will be available, if needed.

7. The Auxiliary Equipment to be Used

- a) An upper Kelly cock will be kept in the string.
- b) A float will not be used at the bit.
- c) A mud logging unit will monitor the hole from 400' to TD.
- d) A stabbing valve will be on the floor to be stabbed into the drillpipe when Kelly is not in the string.

8. Testing, Logging, and Coring Programs

- a) One DST is anticipated in the Coconino Formation.
- b) The open hole logging program will be as follows:

Air-Drilled Hole

400' - TD                      Dual Induction, Sidewall Neutron, Formation Density, Caliper w/Gamma Ray back to the surface.

Fluid-Drilled Hole

400'-TD                      Dual Laterolog, Spherically Focused Log, Compensated Neutron, Formation Density, Caliper w/Gamma Ray back to the surface.

- c) No coring is anticipated.
- d) Samples will be collected every 50' from surface to 1500' and every 10' thereafter. A mud logging unit will be on the well from 400' to TD.

9. Any Anticipated Abnormal Pressure or Temperatures

No abnormal pressures or temperatures have been reported in wells drilled to this depth in the area and are not anticipated in this well.

Hydrogen Sulfide has not been reported in this area and is not anticipated in this well. Regardless, precautions will be taken to monitor the presence of H<sub>2</sub>S.

10. Anticipated Starting Date and Duration of Operations

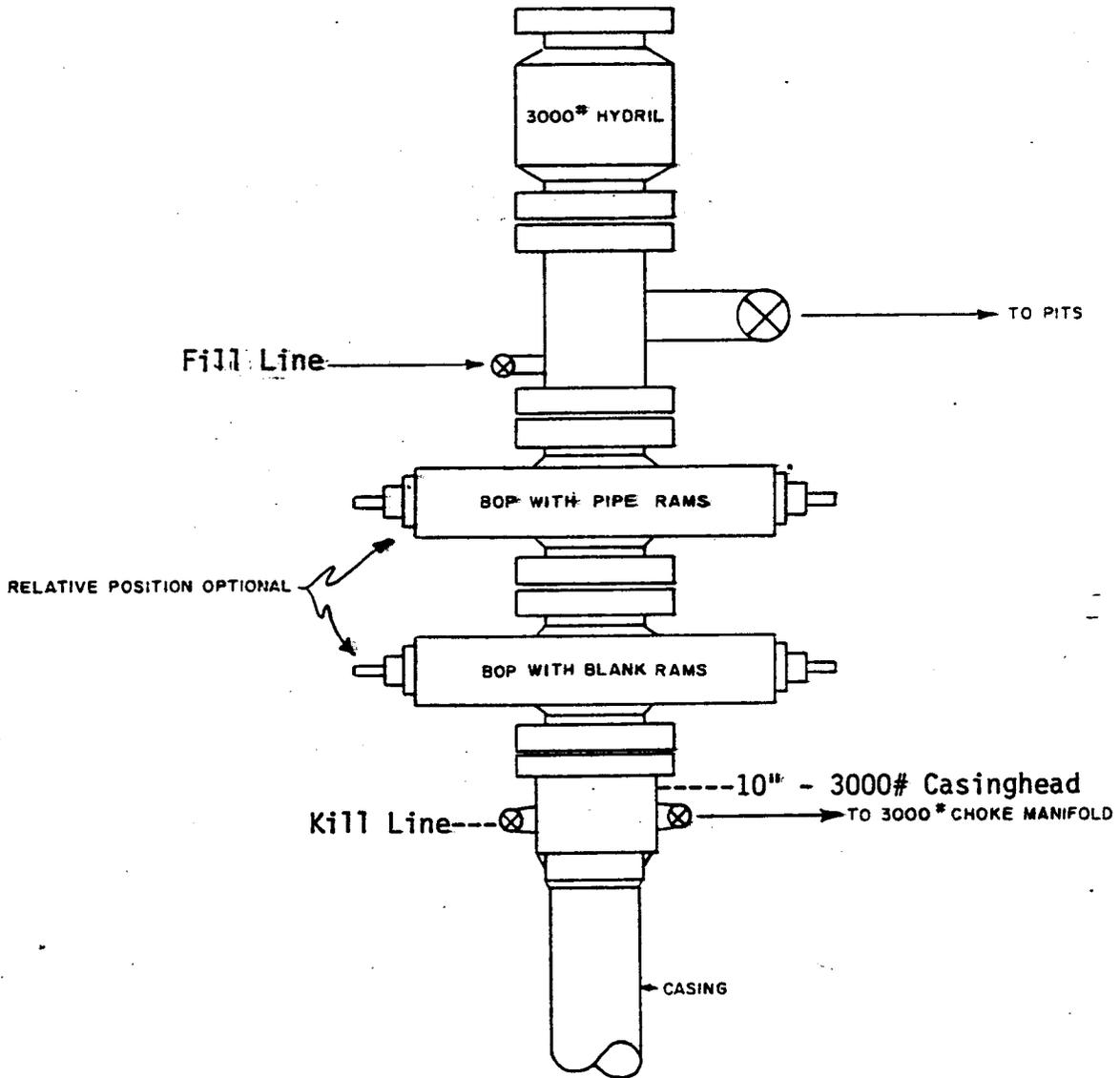
Union Texas has recently formed two Federal Units in this area, the Little Flat Top Unit, and the Wildcat Butte Unit. UTPC has committed to the drilling of two wells per unit, a total of four wells.

Most leases in the Wildcat Butte Unit expire on March 31, 1983. One of the two proposed Wildcat Butte Unit wells must be drilling over the March 31 expiration date. Starting by March 15 will enable both of the proposed Little Flat Top Unit wells to be drilled and to be drilling on either the first or second Wildcat Butte Unit wells.

Portions of two leases that expire on March 31, 1983 are dedicated to the Little Flat Top Unit. In order to allow for the drilling of both proposed wells in the Little Flat Top Unit, drilling should commence by about March 15. Estimated drilling time is about 4-10 days per well.

WILDCAT BUTTE UNIT #2-19

exhibit "B"

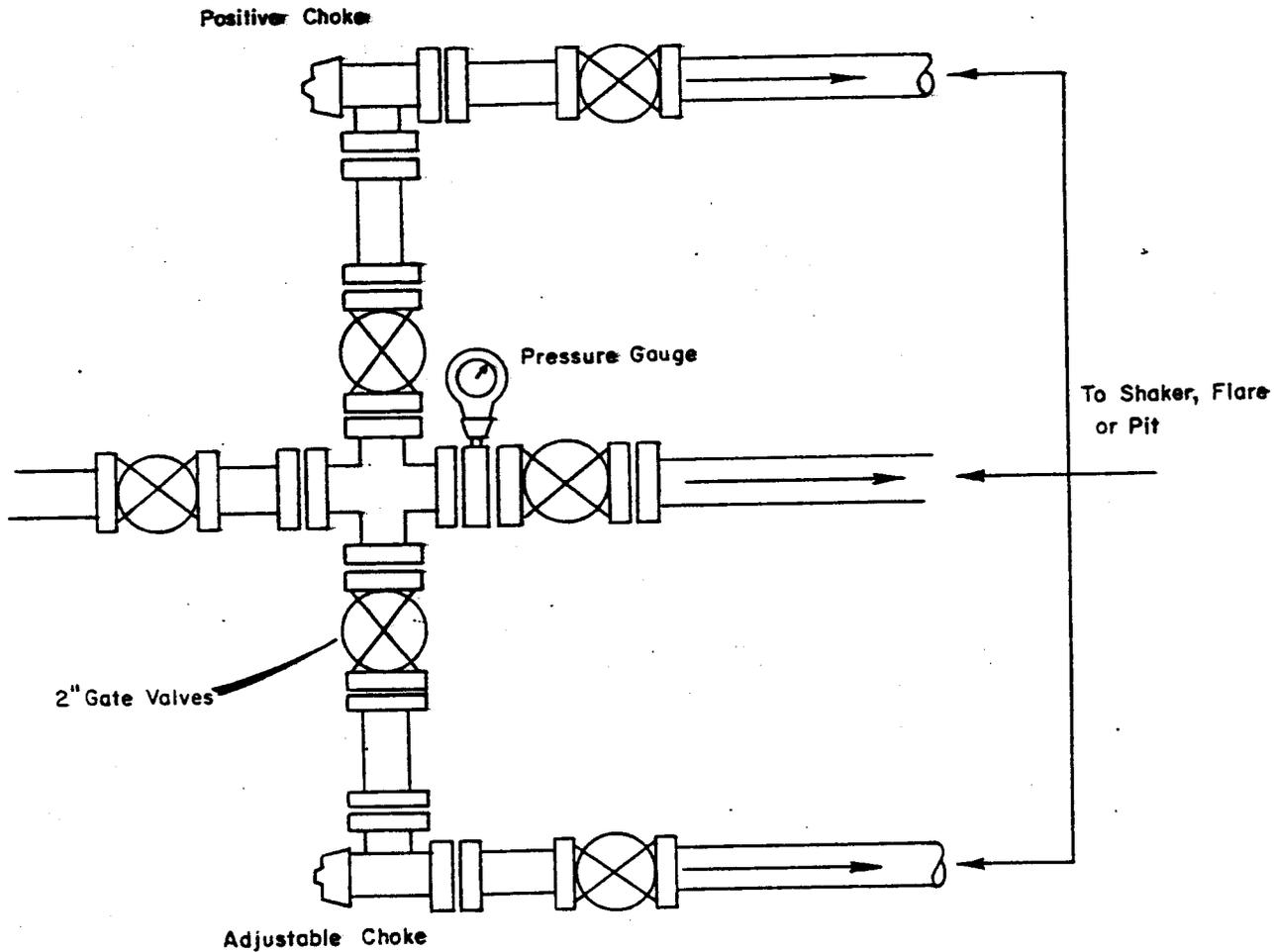


UNION TEXAS PETROLEUM

BLOWOUT PREVENTOR HOOK UP  
3000 PSI

WILDCAT BUTTE UNIT #2-19

EXHIBIT "C"



UNION TEXAS PETROLEUM  
CHOKE MANIFOLD

API CLASS  
3M

WORKING PRESSURE  
3000 PSI

SERVICE CONDITION  
Low Pressure

## MULTIPOINT REQUIREMENTS TO ACCOMPANY APD

Union Texas Petroleum Corporation  
Wildcat Butte Unit #2-19  
SW NW, Section 19, T25S-R14E  
Emery County, Utah

### 1. Existing Roads

- A. The proposed wellsite and elevation plat is shown as Exhibit "A".
- B. The distance from Green River, Utah is approximately 57 miles. Proceed southwesterly from Green River on Utah State Highway 24 for 33.5 miles to point equivalent to Mile 136.3. As shown on vicinity map, Exhibit "D", turn left and proceed southeasterly on maintained dirt road for 6.7 miles to Jeffery Well. Turn left & proceed east for 4.1 miles to Intersection "A". Turn left & proceed northeast onto maintained road for 8.3 miles to Intersection "B". Turn left & proceed northwest on existing trail for .4 mile to fork in trail. Take left fork & proceed northwest for .4 mile to fork in trail. Take left fork & proceed west for 2.0 miles to fence w/gate at east line of Section 18, T25S-R14E. Continue west on trail for .8 mile to access road. Turn left & proceed south on access road for .8 mile to location.
- C. Existing roads to be used for access to location are color coded blue on Exhibit "D". Existing trails that need to be upgraded are colored orange. Planned access roads are shown in red.
- D. The only other existing roads within a three-mile radius of the proposed well are maintained dirt roads or jeep trails as shown in Exhibit "D".
- E. There are no plans for improvement and/or maintenance of existing roads shown in blue. 3.6 miles of existing trails need to be upgraded to this location. The Emery County Road Department will be contacted before heavy equipment is used on county roads.

### 2. Planned Access Roads

1. The maximum width of the .8 mile access road will be approximately 16'.
2. The maximum grade will be less than 10%.
3. Turnouts will be flagged by the BLM, as necessary.
4. No drainage design is needed for the road unless production is established.
5. No culverts are anticipated to be needed.
6. Surfacing materials will be native soil.
7. No cattleguards are anticipated to be needed at this time. In the event of production, a cattleguard will probably replace the gate at the east line of Section 18.
8. The road and location will conform to Bureau of Land Management guidelines as set out in "Surface Operating Standards for Oil and Gas Exploration and Development", published by the U.S. Department of the Interior, Second Edition, August 1978.

3. Location of Existing Wells

1. There are no known water wells within a two-mile radius of the proposed exploratory well.
2. There are no known abandoned wells within two miles, as shown on Exhibit "E".
3. There are no known temporarily abandoned wells.
4. There are no known disposal wells.
5. There are no known wells presently being drilled.
6. There are no known producing wells.
7. There are no known shut in wells.
8. There are no known injection wells.
9. There are no known monitoring or observation wells for other uses.

4. Location of Existing and/or Proposed Facilities

- A. No facilities are owned or controlled by lessee/operator within a 1-mile radius of the proposed locations.
- B. In the event of production, the proposed surface facilities are shown as Exhibit "F". A proposed operation and maintenance plan will be submitted prior to any construction.
- C. Plan for rehabilitation of disturbed area no longer needed for operations after construction is completed.
  1. Land outside the protective fence will be regraded to as close as practical to the original contour.
  2. Pit will be leveled & spread as soon as practical.
  3. Other stipulations as furnished by the BLM will be adhered to.

5. Location and Type of Water Supply

- A. Fresh water will be trucked in from nearby streams. The closest is the San Raphael River, 15 miles to the north.
- B. Water will be transported by truck to location via the aforementioned roads.
- C. No water well will be drilled on this lease or in this unit.

6. Source of Construction Materials

- A. No construction materials will be needed to build the road or location.
- B. No construction materials will be taken off Federal land.

- C. Surface soil materials should be sufficient for construction of access road and location.

#### 7. Methods of Handling Waste Disposal

1. Drilled cuttings will be buried in the reserve pit.
2. Drilling fluids, if needed, will be handled in the reserve pit. Upon completion of the well, water from the reserve pit will be trucked to other drilling locations, or disposed of properly. The residue will be buried and the pit leveled.
3. Any fluids produced during drilling or testing will be collected in a test tank or in the reserve pit. Any spills of oil, salt, water, or other fluids will be cleaned up and removed.
4. Chemical toilet facilities will be provided for human waste.
5. Trash, garbage, & other waste materials will be hauled from the locations and disposed of in local sanitary landfills.
6. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any open pits will be fenced on three sides during drilling operations and on the fourth side after drilling until the pit has dried and can be leveled.

#### 8. Auxiliary Facilities

No airstrip, camp, or other facilities will be built during the drilling of this well.

#### 9. Wellsite Layout

1. Exhibit "G" is a drill pad layout as sketched, with elevations, by Powers Elevation of Richfield, Utah. Exhibit "H" has been drafted to show the cuts & fills needed to build the drilling pad. Twelve inches of top soil will be removed from the well pad & stockpiled on three sides separate from other dirt removed.
2. Exhibit "I" is a typical plan diagram of the drilling rig reserve pit, pipe racks, mud tanks, and other rig equipment. No permanent living facilities are planned. There will be a trailer on site. Minor variations in the rig layout and location dimensions will depend on the rig chosen.
3. Rig orientation, parking area, & access roads are also indicated on Exhibit "I".
4. The reserve pit will be constructed with at least 2/3 of the pit below natural ground level, and dirt removed will be stockpiled on the three sides not facing the rig. The pit will be lined only if sufficient clay material is not encountered when digging the pit.

#### 10. Plans for Restoration of Surface

1. Immediately upon completion of drilling operations, the location and surrounding area will be cleared of all debris and waste material resulting from the operation. All trash will be hauled to a local sanitary landfill. At least 48 hours prior to commencing rehabilitation dirt work, the

operator will contact the San Raphael Resource Area BLM office in Price, Utah, telephone number (801) 637-4584. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area and will be scarified with the contour to a depth of 4 inches.

2. The stockpiled topsoil will be evenly distributed over the disturbed area. Revegetation will be accomplished by planting mixed grasses as specified by the BLM, 1 lb/acre Indian rice grass and 1 lb/acre Mormon Tea.
3. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the pit will be fenced on the fourth side to prevent livestock or wildlife from becoming entrapped. The fencing will be maintained until leveling and cleanup are accomplished.
4. If any oil or other adverse substances is on the pit and is not immediately removable, the pit will be flagged overhead or covered with wire mesh.
5. Restoration operations will commence as soon as practical after operations cease. The BLM in Price will be notified prior to any dirt work. Revegetation is recommended in the fall, unless requested otherwise.

11. Other Information

1. The topography of the area is gently rolling. The soil is mostly sand, in small stabilized dunes. Cattle are grazed in the area. Vegetation is primarily Indian rice grass and Mormon tea.
2. The surface is managed by the Bureau of Land Management and is used for grazing of cattle.
3. The nearest water is the San Raphael River approximately 15 miles to the north. No occupied dwellings are in the immediate area. As evidenced by the attached Cultural Resource Management Report, Exhibit "J", an archaeological site has been found in the path of the existing trail to be upgraded. The road will bypass the area designated as a dense concentration of artifacts as recommended in the Cultural Report.

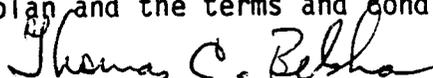
12. Lessee's or Operator's Representative

Thomas C. Belsha  
Area Operations Manager  
Union Texas Petroleum Corporation  
14001 E. Iliff Avenue, Suite 500  
Aurora, Colorado 80014

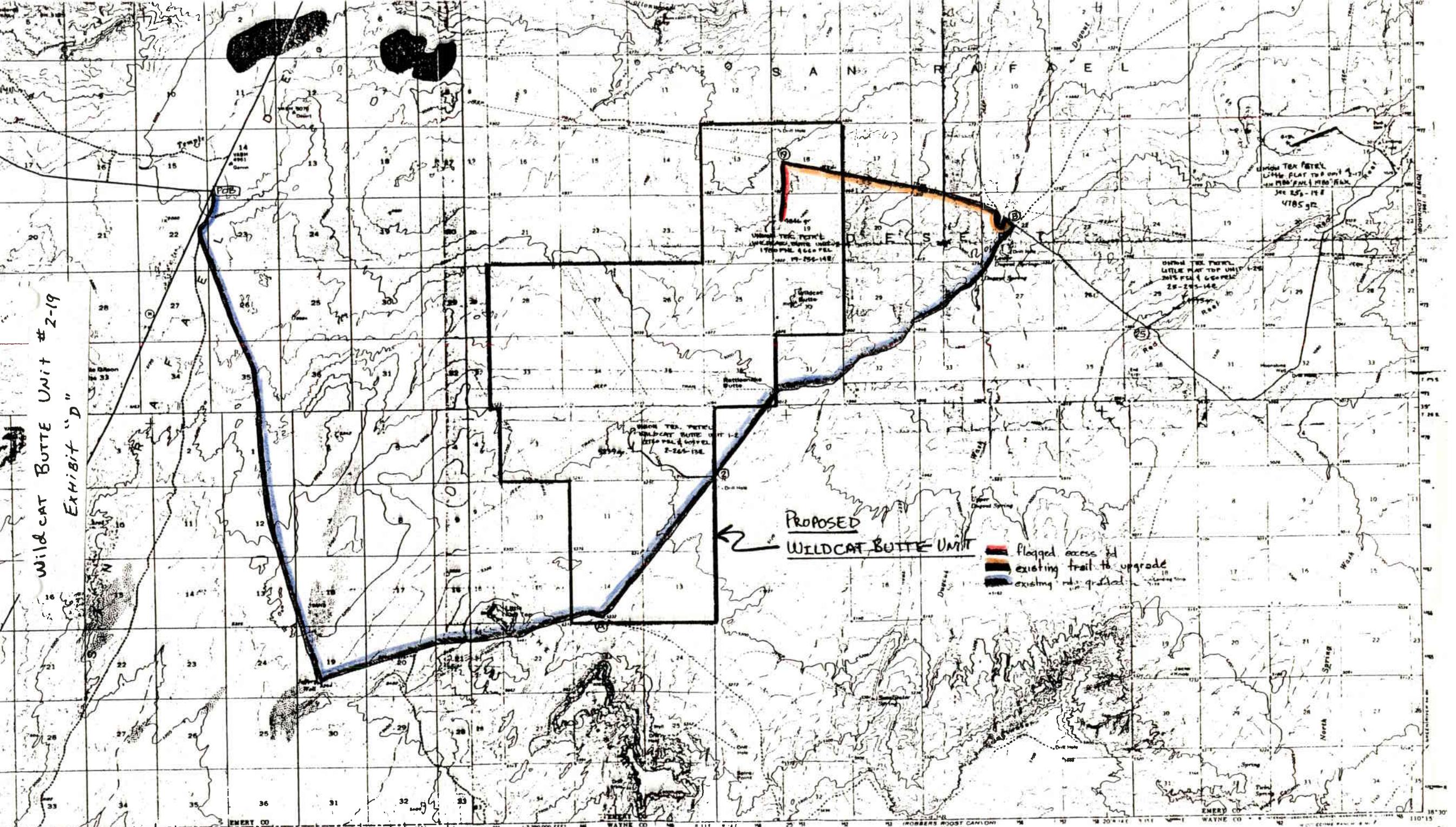
(303) 695-8778 (office)  
(303) 979-1978 (home)

13. 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 this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Union Texas Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

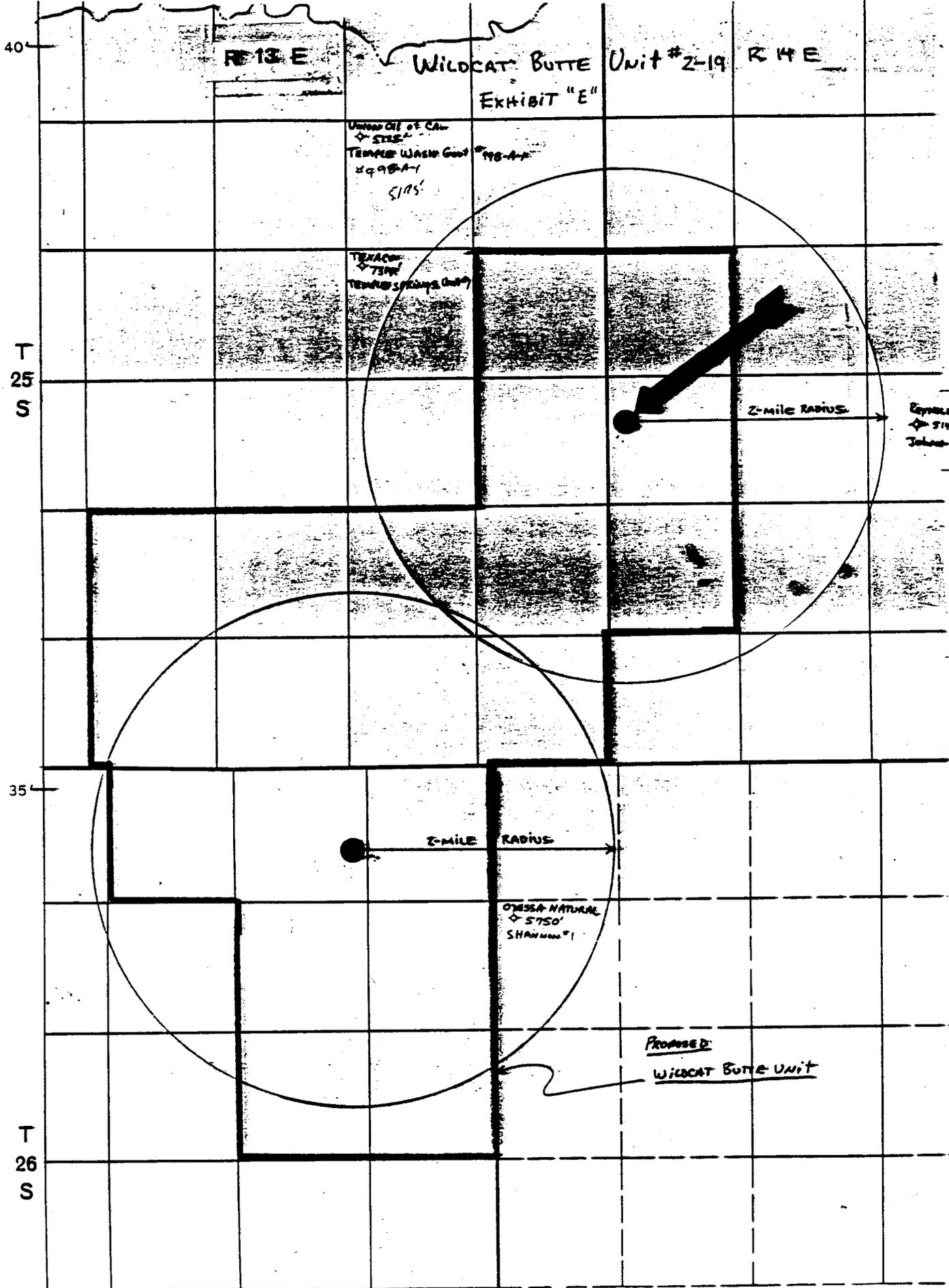
  
Thomas C. Belsha  
Area Operations Manager

Wildcat Butte Unit #2-19  
 Exhibit "D"



PROPOSED  
 WILDCAT BUTTE UNIT

- Flagged access rd
- existing trail to upgrade
- existing rd graded



R 13 E

WILDCAT BUTTE Unit #2-19

R 14 E

EXHIBIT "E"

University of Cal  
 5125  
 TEMPER WASH Good #198-4-4  
 2998A-1  
 5125

TEMACON  
 7392  
 TEMPER SPRINGS Good

2-MILE RADIUS

REYNOLDS + CARROLL  
 5144  
 JOHN P. BROWN #1

2-MILE RADIUS

OSSEA NATURAL  
 5750  
 SHAW #1

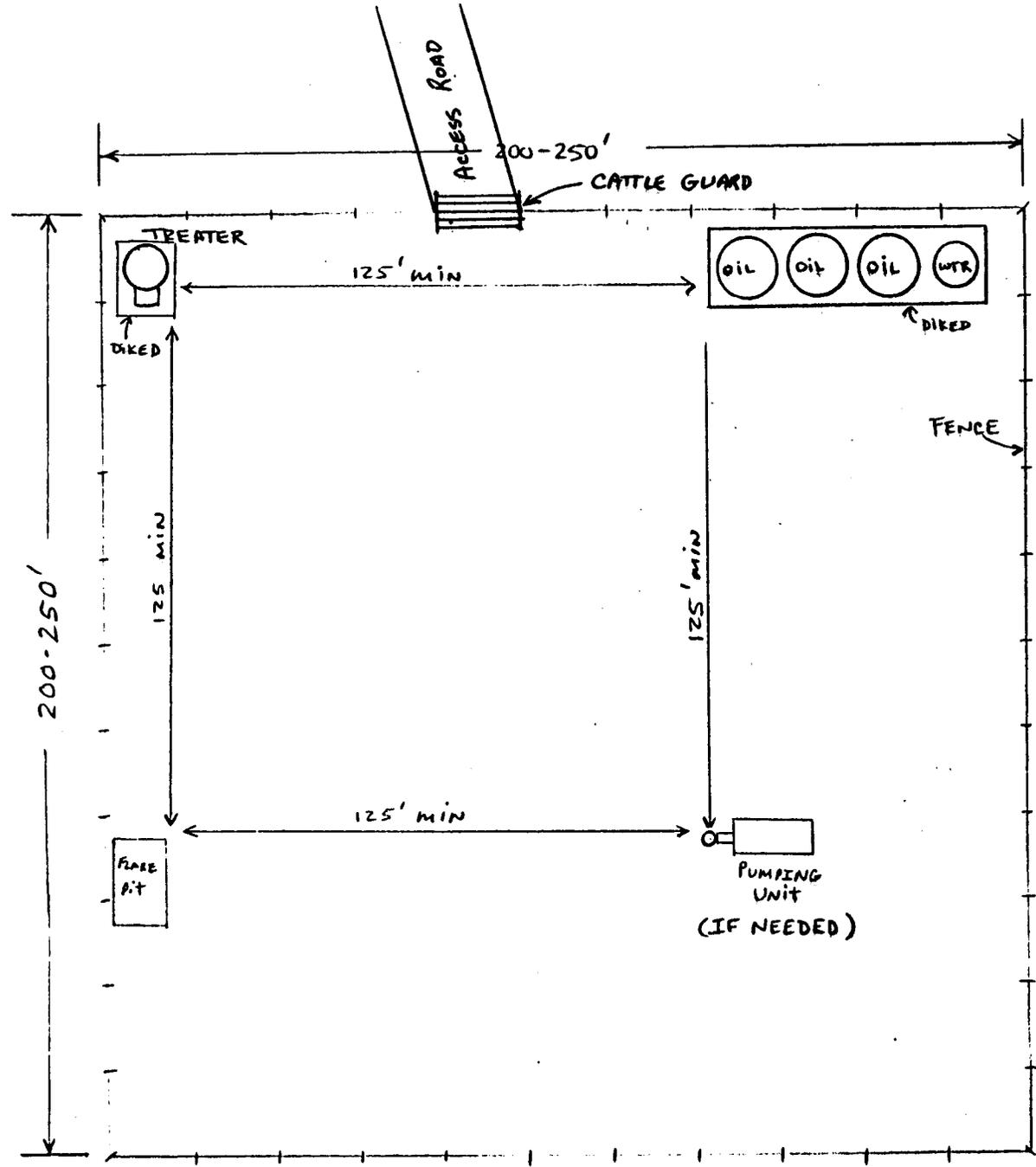
PROPOSED  
 WILDCAT BUTTE UNIT

40

T  
 25  
 S

35

T  
 26  
 S



WILDCAT BUTTE Unit #2-19

EXHIBIT "F"



UNION TEXAS PETROLEUM CORP.

TYPICAL TANK BATTERY

FOOTAGES & CONFIGURATIONS  
MAY VARY SLIGHTLY, DEPENDING  
UPON INDIVIDUAL SITUATIONS

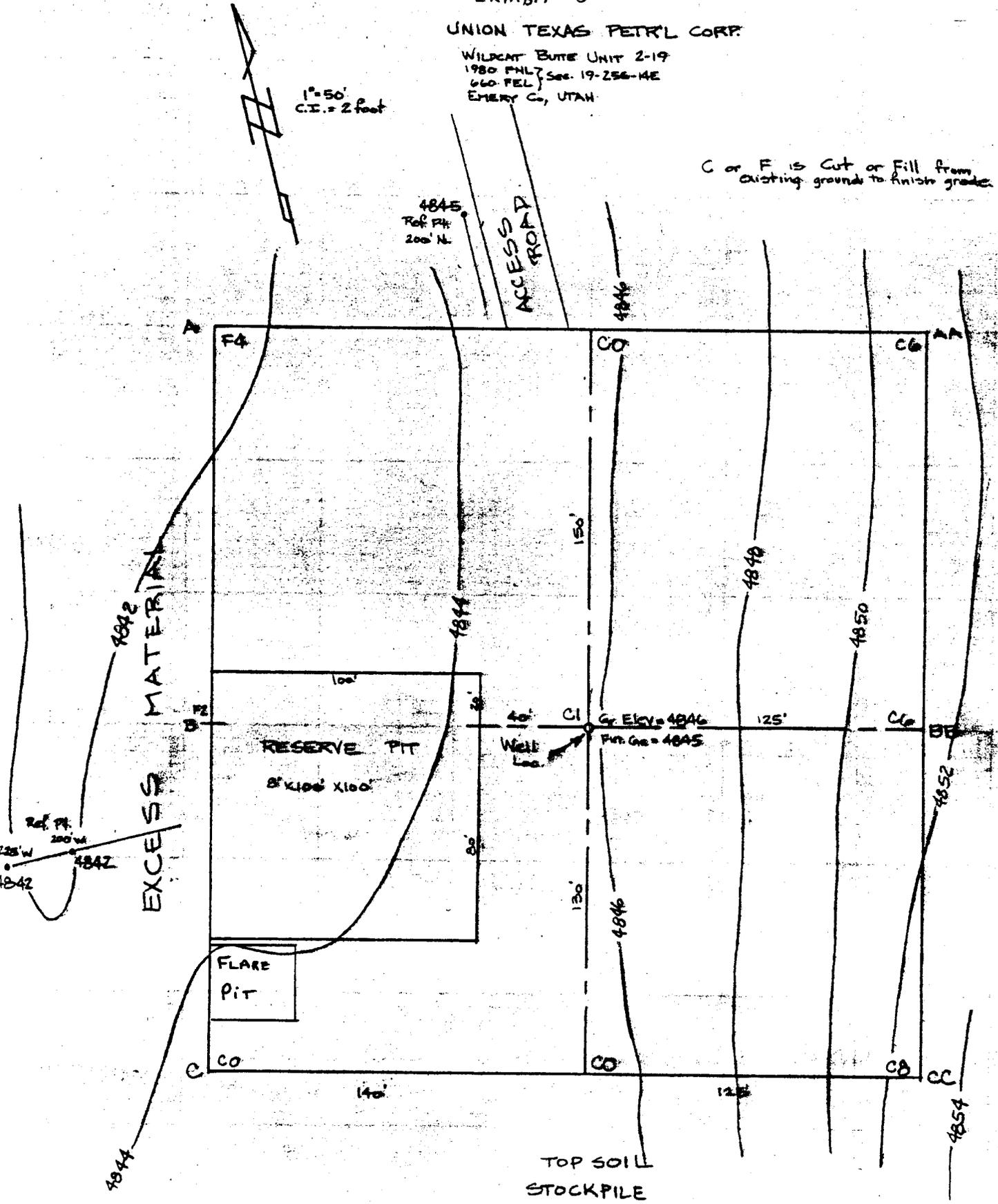
EXHIBIT "G"

UNION TEXAS PETROL CORP.

WILDCAT BUTTE UNIT 2-19  
1980 PNL Sec. 19-256-14E  
660 FEL  
EMERY Co, UTAH

1" = 50'  
C.I. = 2 foot

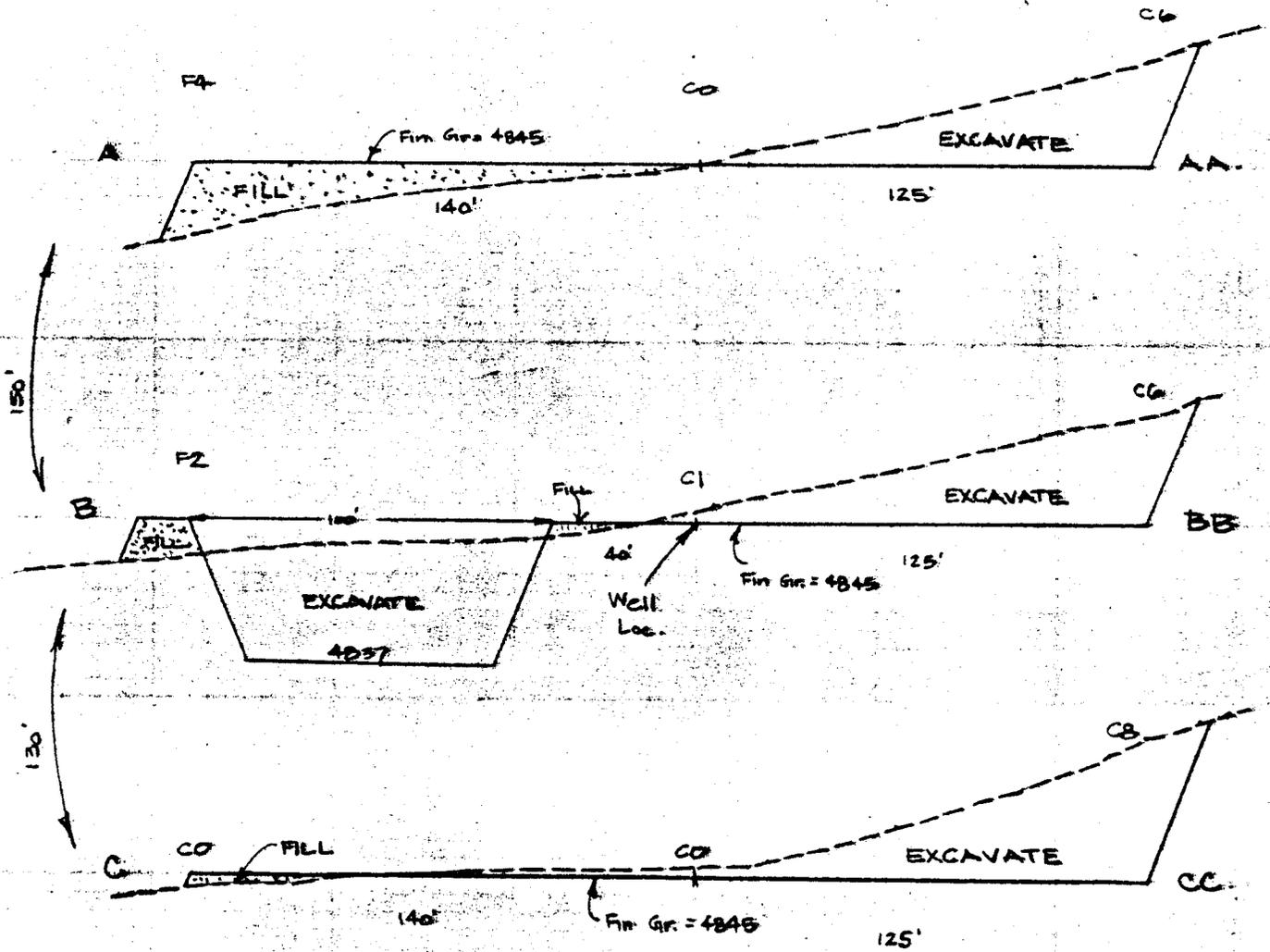
C or F is Cut or Fill from  
existing grounds to finish grade.



DEC. 10, 1982  
E. S. STEGEMAN

POWERS ELEVATION CO.  
RICHFIELD, UTAH

# EXHIBIT "H"



--- Existing ground  
 — Proposed grade

Scales: 1" = 50' Horiz.  
 1" = 10' Vert.

C or F is Cut or Fill from existing ground to finish grade

All slopes @ 2:1

<p>± 1,400 yd<sup>3</sup> Fill</p> <p>± 5,200 yd<sup>3</sup> Cut</p>
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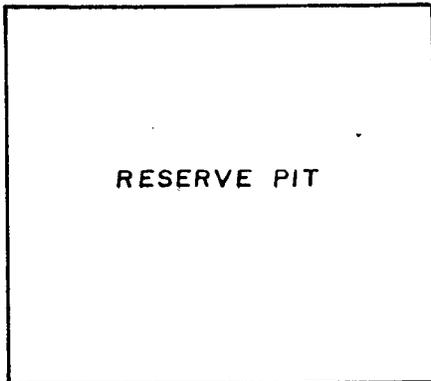
UNION TEXAS PETROL CORP.

WILDCAT BUTTE UNIT 2-19  
 SW-NW SEC 19-25S-14E  
 EMERY Co., UTAH

DEC 10, 1982  
 E.S.S.

POWERS ELEVATION CO.  
 RICHFIELD, UTAH

FLARE  
PIT



# UNION TEXAS PETROLEUM RIG LAYOUT



WILDCAT BUTTE UNIT #2-19

EXHIBIT "I"

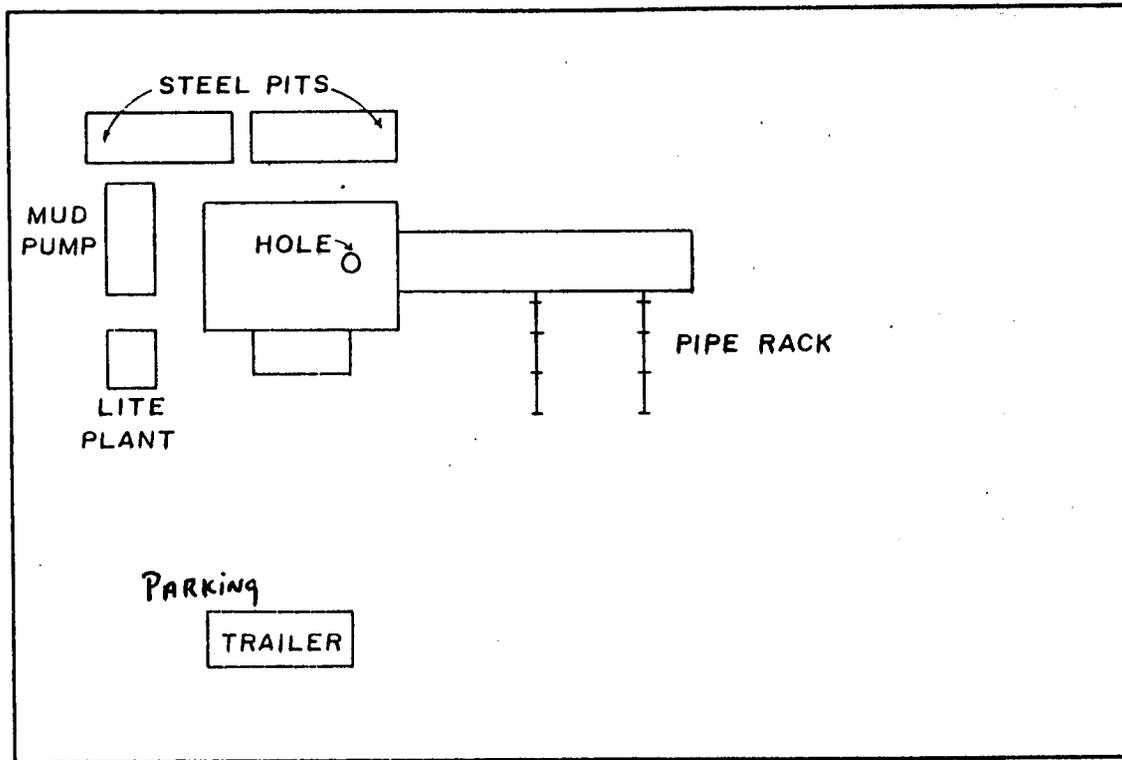


EXHIBIT "J"

# Cultural Resource Management Report

Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
Emery County, Utah

Lead Field Investigator

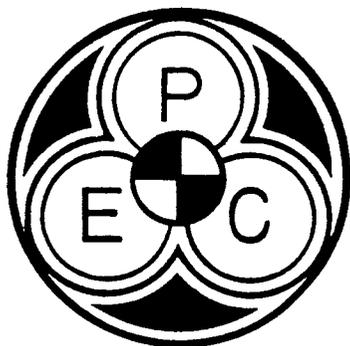
Fred P. Frampton, M.A.

Principal Investigator

Bruce E. Rippeteau, Ph.D.

Date Dec. 29, 1982 For

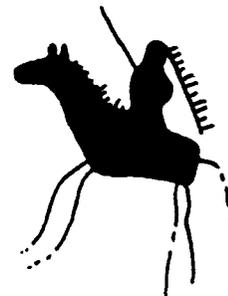
Union Texas Petroleum



**POWERS ELEVATION**

CHERRY CREEK PLAZA, SUITE 1201  
600 SOUTH CHERRY ST., DENVER, COLORADO 80222  
(303) 321-2217

**Archæology Division**



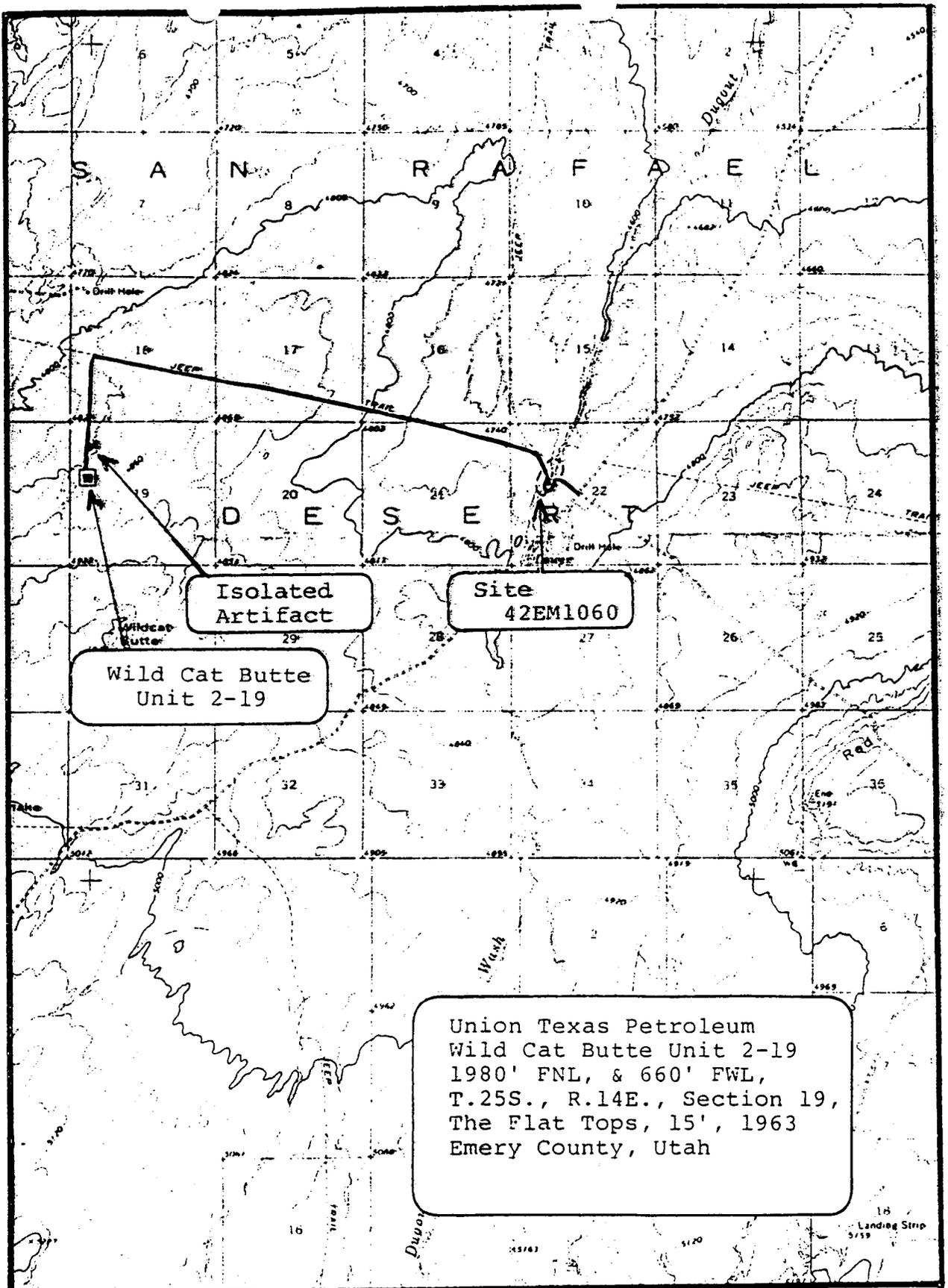


Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
Continuation Sheet

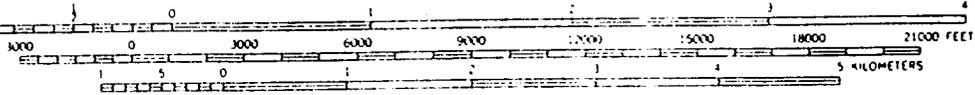
14. By rerouting this proposed access around the densest portion of the scatter there will be no effect to this site.

File Search: A file search conducted with the Bureau of Land Management, Price, Utah, revealed three previously recorded sites in the section the project crosses.

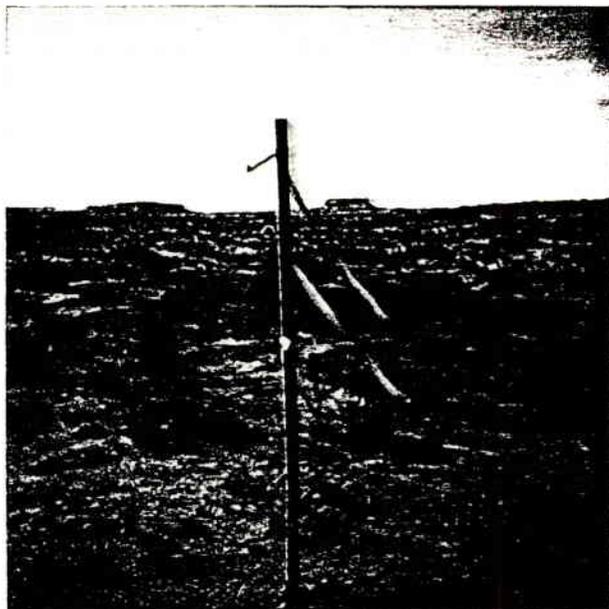
These sites, 42Eml060, 42Eml367, and 42Eml369, were located in T.25S., R.14E., Section 22. Site 42Eml060 is crossed by this project and is discussed within the report.



SCALE 1:62500



Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
1980' FNL, & 660' FWL,  
T.25S., R.14E., Section 19,  
Emery County, Utah



Looking south

42 Em 1060



ACCESS ROUTE

HILL

DENSE FLAKES

FLAGGED REALIGNMENT

Bulldozer disturbance

RIDGE

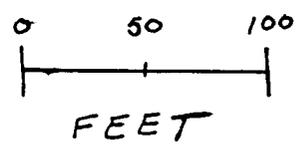
DUGOUT WASH

EXISTING TRAIL & ACCESS

Previously defined site boundaries (very sparse flakes)

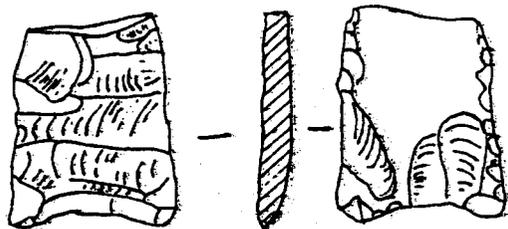
- 1 projectile point base
- 2 biface

Bulldozer disturbance



FRED P. FRAMPTON  
 POWERS ELEVATION  
 12-14-82

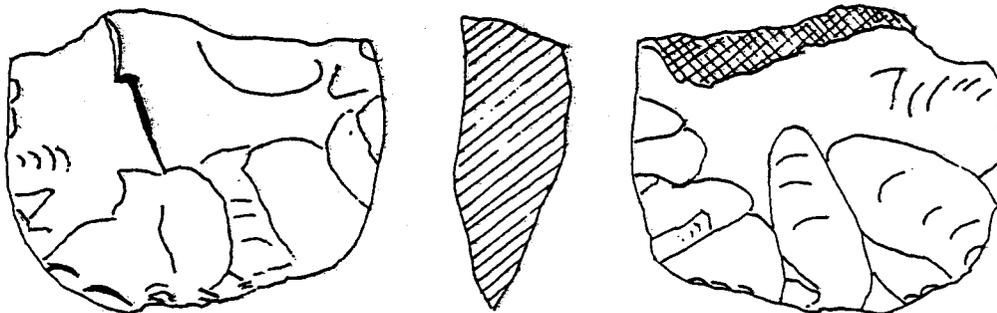
46 L-7 1060  
artifacts collected 12-14-82



dorsal

ventral

reddish-brown chert

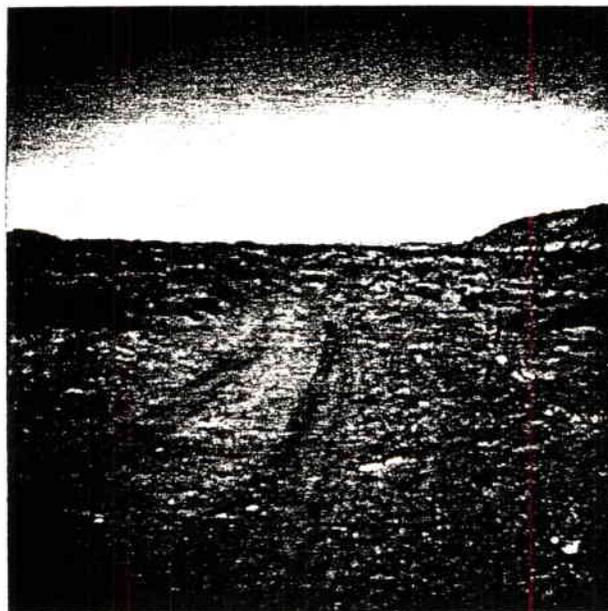


reddish tan (mottled)

limestone (?)

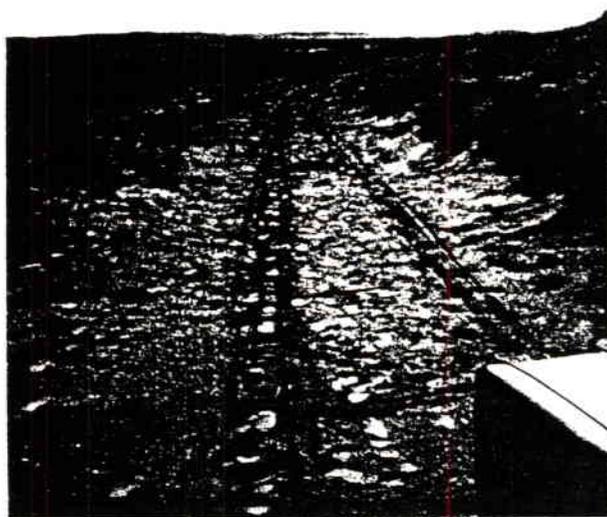
Fred P. Frampton  
Powers Elevation

Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 19,  
T.25S., R.14E.  
The Flat Tops, 15', 1963  
Emery County, Utah  
Site 42EM1060



Looking north across Site 42EM1060, dense  
concentration. The dashed line indicates  
the location of the flagging.

Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 19,  
T.25S., R.14E.  
The Flat Tops, 15', 1963  
Emery County, Utah  
Site 42EM1060



Looking south across Site 42EM1060, dense  
concentration. The dashed line indicates  
the location of the flagging reroute.



HERITAGE DIVISION  
CULTURAL RESOURCE RECORD

SITE  
 ISOLATED FIND

POWERS ELEVATION

PROJECT IDENTIFICATION

1. Site Name \_\_\_\_\_ Field No. \_\_\_\_\_ Site No. \_\_\_\_\_  
Project Name Union Texas Petroleum Corporation, Wild Cat Butte Unit 2-19  
Landowner Status \_\_\_\_\_  
Federal (Specify Agency) BEM State \_\_\_\_\_ County \_\_\_\_\_ Indian \_\_\_\_\_ Private \_\_\_\_\_  
2. Recorded by Fred P. Frampton, M.A. Date \_\_\_\_\_ Permit No. 82-UT-218

LOCATION

3. State Utah County Emery  
\_\_\_\_\_ ft. F L, \_\_\_\_\_ ft. F L; 1/4 SE 1/4 NW 1/4 NW 1/4, Sec 19, T 25S., R 14E.  
UTM Zone \_\_\_\_\_ Easting 5 / 5 / 0 / 7 / 7 / 5 / Northing 4 / 2 / 7 / 5 / 2 / 7 / 0 / PM \_\_\_\_\_  
Quad Name & Series The Flat Tops 7.5'  15'  Year 1963  
4. ACCESS:  foot  car  4-wheel drive;  fencing (?)  signs (?)  
Directions to Site (include nearest roads, community, direction, etc.): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ARTIFACT ASSEMBLAGE

5. Artifact Description (include material, lithic, ceramic, structures, bone, etc., dimensions, morphology, diagnostic or not, inferred function, etc.): \_\_\_\_\_  
Grey chert scraper  
\_\_\_\_\_  
\_\_\_\_\_  
6. Cultural Affiliation unknown Time Period unknown  
7. Surface Collection  yes  no (if yes, attach list); Methodology \_\_\_\_\_  
8. Artifacts permanent repository \_\_\_\_\_  
9. Artifact drawings made?  yes  no (if yes, attach list).  
10. Photo?  yes  no \_\_\_\_\_ file location.

ATTACH A PHOTOCOPY OF USGS QUAD MAP, SHOWING SITE OR ISOLATED FIND CLEARLY.

\*\* Write in narrative form, using complete grammatical sentences.

ENVIRONMENTAL DATA

11. Description of Physiography (include bedrock and local outcrops): The terrain is gently rolling with abundant aeolian dunes, most of which are somewhat stabilized, in the center of the San Rafael Desert.

12.

PRIMARY LANDFORM		DEPOSITIONAL ENVIRONMENT																
		arroyo, wash etc.	cliff	outcrop	cave/shelter	fan/delta	alluvial/colluvial plain	talus	moraine	mound	stream terrace	stream bed	flood plain	playa	marsh	shore/beach	island	badlands
	Mountains																	
	Hill																	
X	Plain																	
	Valley																	
	Canyon																	X

TOPOGRAPHIC LOCATION	X	top/crest/peak	foot/bottom/base	rim
		edge	saddle/pass	cutbank
		slope/side	bench/ledge	

13. Soil Type (include color, texture, depth, etc.): aeolian reddish tan sand, quite deep

14. Vegetation (general type in area; life zones, community, habitat, etc.): Indian Rice grass, prickly pear cactus, mormon tea, oakbrush

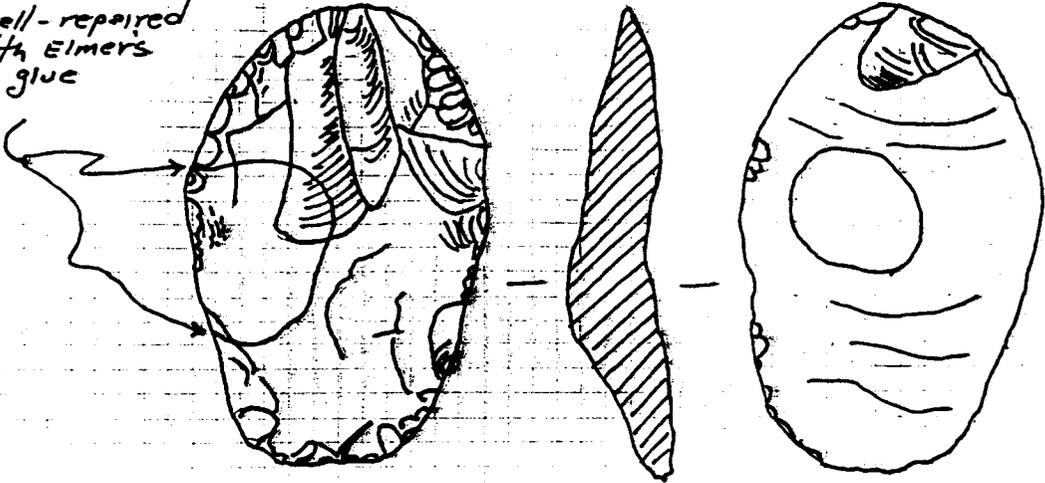
15. Water: Direction to: 40° Distance to permanent water: 10 miles  
 Type/Name San Rafael River  
 Distance to nearest other water: Dugout Spring three miles east

16. Contemporary fauna: livestock, coyotes  
 \_\_\_\_\_ observed \_\_\_\_\_ tracks \_\_\_\_\_ spore \_\_\_\_\_ call

17. Ground visibility: excellent 5 %.

18. Elevation: 4,830 feet 1,680 meters (ft. x .3048).

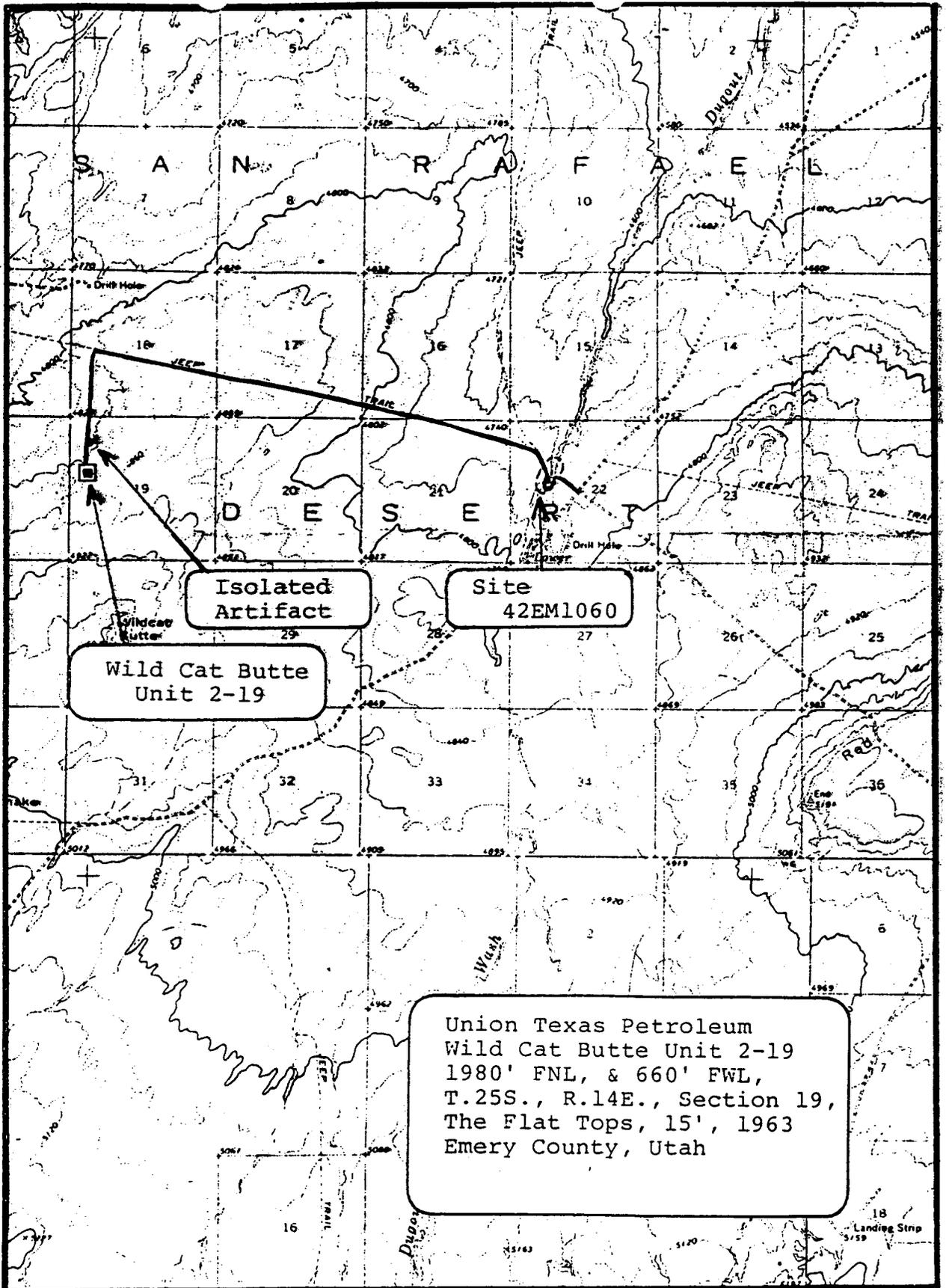
spell-repaired  
with Elmers  
glue



dorsal

ventral

gray chert (mottled)



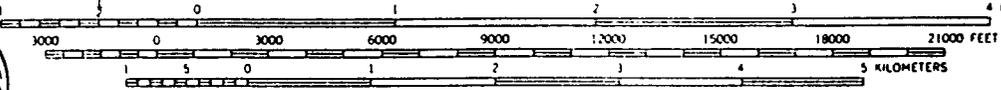
Isolated  
Artifact

Site  
42EM1060

Wild Cat Butte  
Unit 2-19

Union Texas Petroleum  
Wild Cat Butte Unit 2-19  
1980' FNL, & 660' FWL,  
T.25S., R.14E., Section 19,  
The Flat Tops, 15', 1963  
Emery County, Utah

SCALE 1:62500



# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: U-22092

and hereby designates

NAME: Union Texas Petroleum Corporation  
ADDRESS: 14001 East Tiff Avenue, Suite 500  
Aurora, Colorado 80014

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 25 South, Range 14 East  
Section 19: All

Emery County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

CROWN CENTRAL PETROLEUM CORPORATION *Amo*

By: *O. I. Halbert III*  
O. I. Halbert, *General Manager*, Vice President  
CROWN CENTRAL PETROLEUM CORP.  
747 BELLAIRE BLVD.  
BELLAIRE, TEXAS 77401  
(Address)

*February 3, 1983*  
(Date)

Summary Report of  
Inspection for Cultural Resources

BLM Report No. 1 4 10  
Report Acceptable Yes  No   
Mitigation Acceptable Yes  No   
Comments: \_\_\_\_\_

1. Report Title N E W A C C E S S W I L D C A T B U T T E U N I T S 1-2 & 2-19  
11 40

2. Development Company Union Texas Petroleum Corp.

3. Report Date 2 1 1983 4. Antiquities Permit No. 82-UT-218  
41 42 43 46  
MONTH YEAR

5. Responsible Institution P o w e r s E l e v a t i o n County Emery  
47 61

6. Fieldwork Location: TWN 26S Range 13E Section(s) 1 70 71 72 73 74 75 76 77  
62 65 66 69

TWN 25S Range 14E Section(s) 18 19  
78 81 82 85 86 87 88 89 90 91 92 93

7. Resource Area S R TWN 94 97 Range 98 101 Section(s) 102 103 104 105 106 107 108 109  
110 111

PO=PONY EXPRESS, BR=BEAR RIVER, PR=PRICE RIVER, WS=WARM SPRINGS  
BC=BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER  
HM=HENRY MOUNTAINS, BE=BEAVER RIVER, DX=DIXIE  
KA=KANAB, ES=ESCALANTE, SJ=SAN JUAN, GR=GRAND  
SR=SAN RAFAEL, DM=DIAMOND MOUNTAIN,  
Fill in spaces 65, 69, 81, 85, 97, 101 Only if:  
V=Vernal Meridian  
H=Half Township

8. Description of Examination Procedures On February 3, 1983, Fred P. Frampton surveyed two proposed road realignments during a government on-site project inspection. The 1,000-foot realignment to Wildcat Butte Unit 1-2 was surveyed in two, linear 15-meter wide swaths along an existing road. The proposed alignment was surveyed in one zig-zag, 20-meter wide transect along a flagged route 0.8 miles long.

9. Linear Miles Surveyed and/or 1 112 117  
Definable Acres Surveyed and/or 118 123  
Legally Undefinable Acres Surveyed 124 129  
(\* A parcel hard to cadastrally locate i.e., center of section)

10. Inventory Type I 130  
R= Reconnaissance  
I= Intensive  
S= Statistical Sample

11. Description of Findings (attach appendices, if appropriate)

No cultural resources were found.

12. Number Sites Found: 0 131 135  
No sites = 0

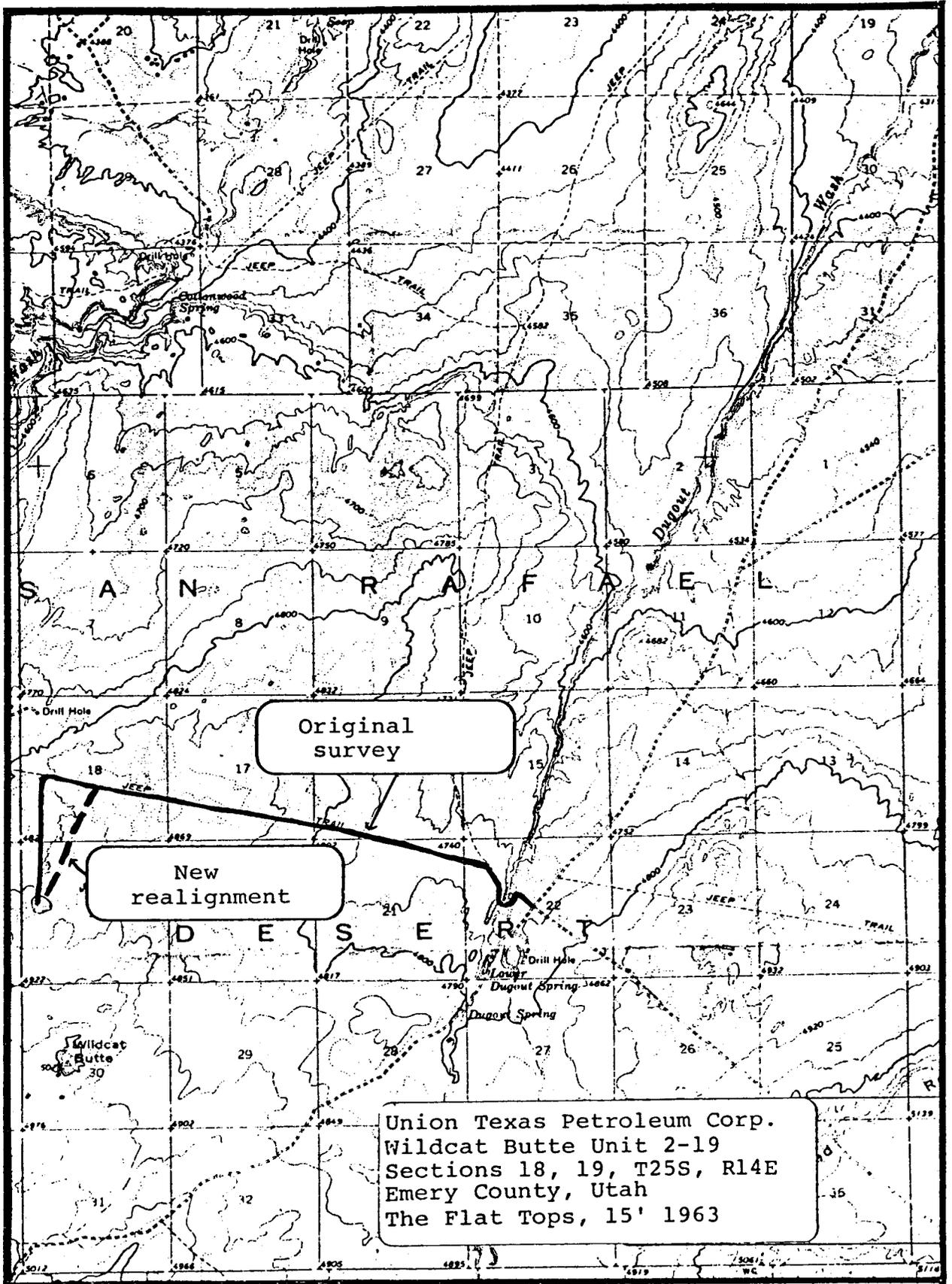
13. Collection: N Y=Yes, N=No  
136

14. Actual/Potential National Register Properties Affected: There are no sites on or eligible for nomination to the National Register in the project area.

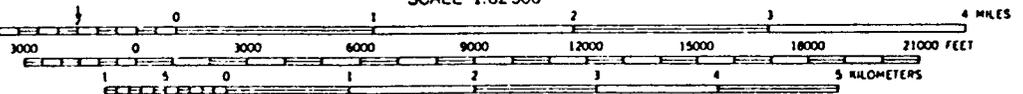
15. Literature Search, Location/Date: December 13, 1982 San Rafael Resource Area, Price

16. Conclusion/Recommendations: Since no sites were found there should be no effect to cultural resources as a result of the realignments to the access routes of the Union Texas Petroleum Corporation Wildcat Butte Units 1-2 and 2-19. Therefore, we recommend that the projects proceed as planned.

17. Signature Fred P. Frampton  
For extra locations use additional 8100-3 forms



SCALE 1:62500





RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER ND

UNIT WILD CAT BUTTE

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OIL & GAS OPERATIONS  
RECEIVED

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  
UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
14001 E. Iliff Ave., Suite 500, Aurora, Colorado 80014

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1980' FNL & 660' FWL (SW/4, NW/4)  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 57 miles southwest of Green River, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660'

16. NO. OF ACRES IN LEASE  
2556.96 Ac in Lease  
12,888.84 Ac in Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80

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

19. PROPOSED DEPTH  
2650'

20. ROTARY OR CABLE TOOLS  
Rotary - Surface to TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4846' GR

22. APPROX. DATE WORK WILL START\*  
3/25/1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	400'	200 sx
7-7/8"	5-1/2"	15.5#	TD	200 sx

- Spud 12-1/4" hole w/air mist, foam or mud up as necessary. Drill to 400' +.
- Set 8-5/8" 24#, K-55 new casing at 400' & cement w/approx 200 sx. WOC 12 hrs.
- Install 10", 3000# BOP stack & choke manifold.
- Drill 7-7/8" hole to TD at 2650' and log.
- Set 5-1/2", 15.5#, K-55 new casing at TD, if found productive.
- Cement casing w/approximately 200 sx. WOC 12 hrs.
- Perforate and treat as needed.

RECEIVED  
MAR 07 1983  
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 Thomas C. Belsha TITLE Area Operations Manager DATE 2/8/1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY W. W. Martine DATE MAR 04 1983  
E. W. Gynn  
District Oil & Gas Supervisor

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*date & mail G*



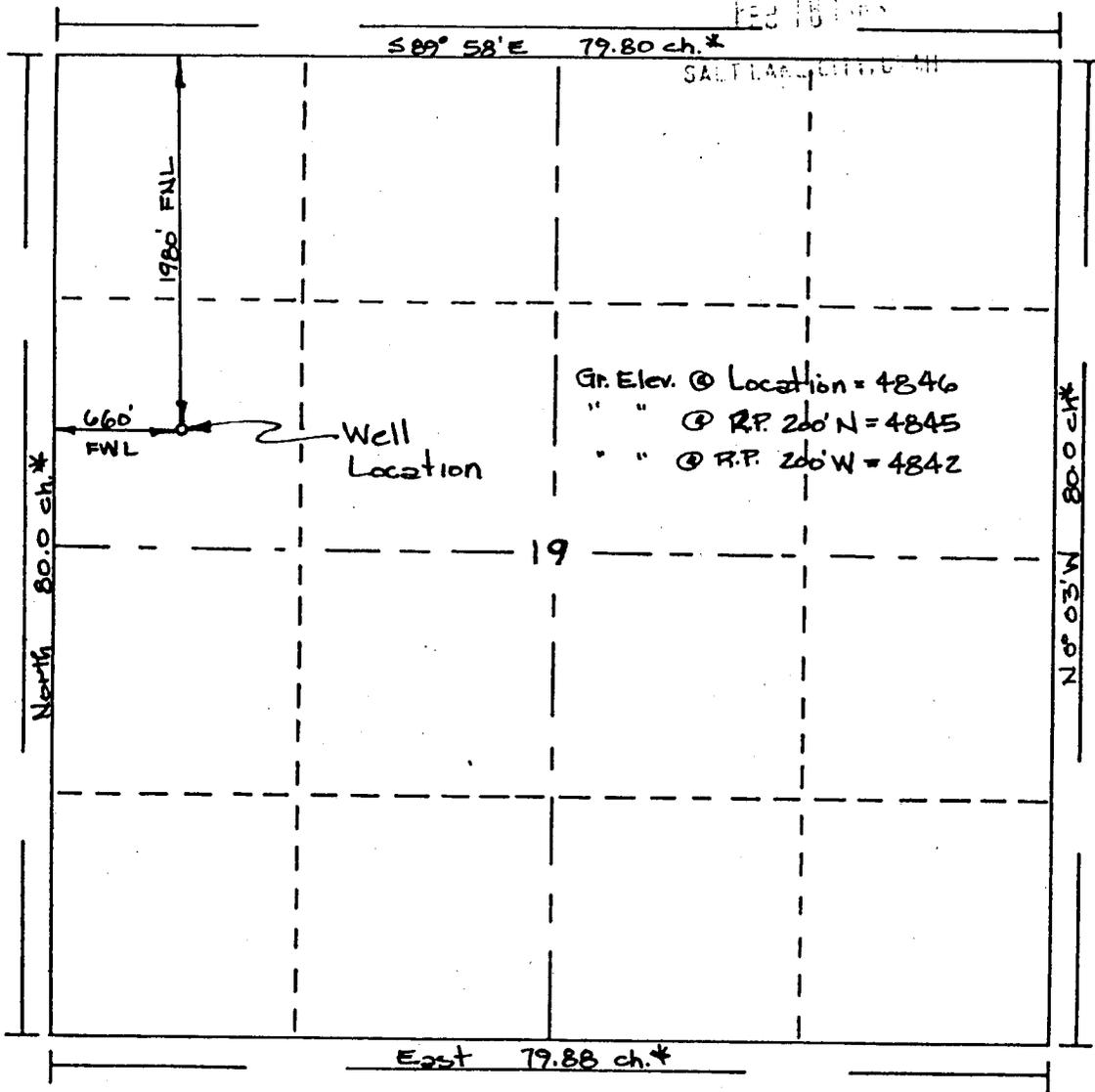
\*GLO plat information

EXHIBIT "A"

R. 14 E.

MINERAL SURVEYOR  
CIVIL SURVEYOR  
REGISTERED

FEB 18 1983



T. 25 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from Tom BELSHA for UNION TEXAS PETROLEUM CORPORATION determined the location of WILDCAT BUTTE UNIT 2-19 to be 1980 FNL & 660' FWL of Section 19 Township 25 South Range 14 East of the SALT LAKE Meridian EMERY County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

Date: DEC. 10, 1982

T. Nelson  
Licensed Land Surveyor No. 2711  
State of UTAH

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

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

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

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

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

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

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

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

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

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

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

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

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

March March 15, 1983

Union Texas Petroleum Corporation  
14001 E. Iliff Ave., Suite 500  
Aurora, Colorado 80014

RE: Well No. Wildcat Butte Unit 2-19  
SWNW Sec. 19, T.25S, R.14E  
1980 FNL, 660 FWL  
Emery County, Utah

Gentlemen:

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

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

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

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

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

The API number assigned to this well is 43-015-30157.

Sincerely,

Norman C. Stout  
Administrative assistant

NCS/as  
cc: Oil & Gas Operations  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

January 4, 1984

Union Texas Petroleum Corporation  
14001 E. Illiff Ave. Suite 500  
Aurora, Colorado 80014

Re: Well No. Wildcat Butte #2-19  
API #43-015-30157  
1980' FNL, 660' FWL SW/NW  
Sec. 19, T. 25S, R. 14E.  
Emerby County, Utah

Gentlemen:

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

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

If spudding has not occurred within one year of the date of approval for this well, approval to drill is rescinded.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj

**Union Texas  
Petroleum**

14001 E Iliff Avenue  
Suite 500  
Aurora, Colorado 80014  
(303) 695-8778

**RECEIVED**  
JAN 16 1984  
DIVISION OF  
OIL, GAS & MINING

January 11, 1984

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

Gentlemen:

In response to your letters of January 4, 1984,  
Union Texas Petroleum Corporation requests that you  
cancel the drilling permits on the following wells:

Little Flat Top Unit #2-17  
API #43-015-30158  
SE/NW Sec 17, T25S-R15E

Wildcat Butte Unit #2-19  
API #43-015-30157  
SW/NW Sec 19, T25S-R14E

If you require any additional notices other than  
this letter, please advise us.

Yours very truly,

UNION TEXAS PETROLEUM CORPORATION



Donald B. Wells  
Division Operations Manager

DBW:JBS:dkc

Moab District  
P.O. Box 970  
Moab, Utah 84532

AUG 21 1984

Union Texas Petroleum Corporation  
14001 E. Iliff Avenue, Suite 500  
Aurora, CO 80014

Re: Rescinding Application for Permit  
to Drill  
Well No. Wildcat Butte 2-19  
SWNW Sec. 19, T. 25 S., R. 14 E.  
Emery County, Utah  
Lease U-22092

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 4, 1983. Since that date no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely,

/s/ Kenneth V. Rhea

~~ACTING~~ District Manager

cc: San Rafael Resource Area

bcc: U-942, Utah State Office  
State of Utah, Division of Oil, Gas and Mining ✓

CFreudiger/cf 8/21/84

RECEIVED

AUG 23 1984

DIVISION OF OIL  
GAS & MINING