

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**CONFIDENTIAL**  
**RECEIVED**  
APR 1 1984  
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial No.

Federal U-30121

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

~~Recapture Unit~~

8. Farm or Lease Name

Recapture Unit

9. Well No.

# 2-5

10. Field and Pool, or Wildcat

Wildcat/Ismay

11. Sec., T., R., M., or Blk. and Survey or Area

NW 1/4 NE 1/4

Sec. 5-T37S-R23E

12. County or Parrish 13. State

San Juan

Utah

APPLICATION FOR PERMIT TO DRILL AN OIL WELL OR PLUG BACK

1a. Type of Work

DRILL

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

BUCKHORN PETROLEUM COMPANY

3. Address of Operator

P.O. Box 5928 T.A.; Denver, Colorado 80217

4. Location of Well (Report location clearly and in accordance with any State requirements\*)

At surface  
578' FNL & 1924 FEL

At proposed prod. zone

Same as above

14. Distance in miles and direction from nearest town or post office\*

Approximately 4 miles SW of Blanding, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

578' (5080')

16. No. of acres in lease

1186.52

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.

19. Proposed depth

6500'

20. Rotary or cable tools

Rotary

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

5817' GR

22. Approx. date work will start\*

May 5, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
1 7/8"	16"	Conductor	40' below GL	Redimix to Surface
1 3/2"	9 5/8"	36#, K55, ST&C	± 550' KB	300 sx 'B' (circ'd)
8 3/4"	5 1/2"	15.5#, K-55, LT&C	6500' (TD)	375 sx H

Buckhorn Petroleum Co. proposes to drill an oil well to test the Ismay and Desert Creek Formations as outlined above and on the attached 10-Point Plan of Operations and 13-Point Surface Use Plan which was submitted to the BIM.

At this time we anticipate using Coleman Drilling Co. Rig #2.

Buckhorn respectfully requests this well be placed on a confidential status.

Surface damages have been negotiated with the surface owner, Mr. Eugene Guymon.

Buckhorn's representative on location will be Doug Bruner (mobile # 801-259-2010).

Copies of Designation of Operator from Duncan Exploration Company to Buckhorn are enclosed.

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: Rodney D. Smith Title: Petroleum Engineer Date: 4-6-84  
(This space for Federal or State office use)

Permit No. .... Approval Date .....

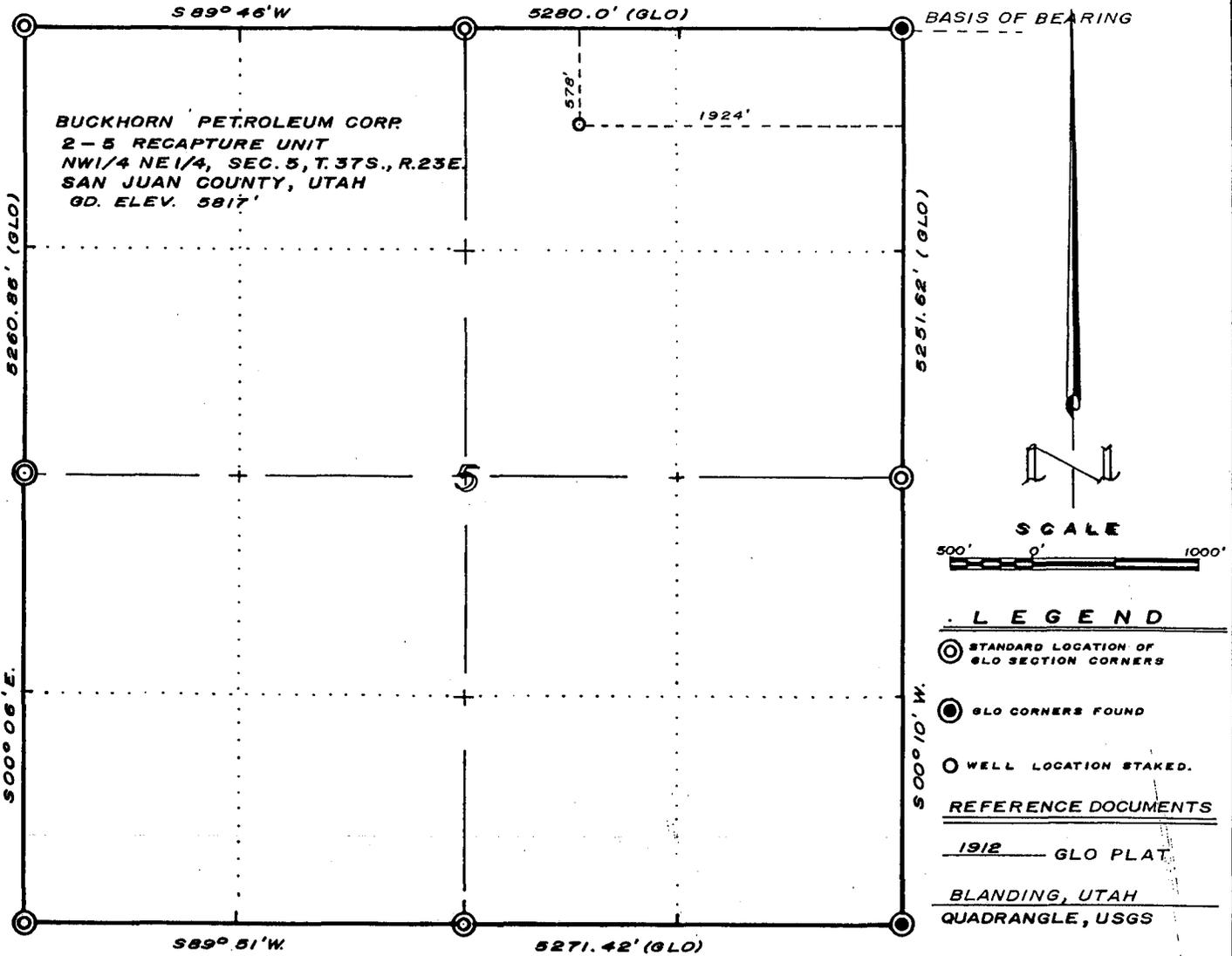
Approved by ..... Title .....

Conditions of approval, if any:

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 4/14/84  
BY: [Signature]

\*See Instructions On Reverse Side

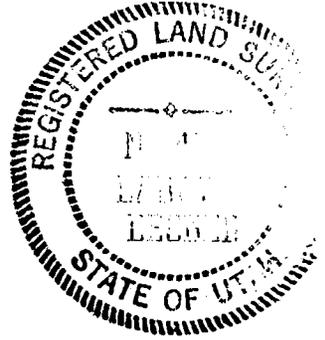
SEC. 5, T. 37S., R. 23E. OF THE SLM



BUCKHORN PETROLEUM CORP  
2-5 RECAPTURE UNIT  
NW 1/4 NE 1/4, SEC. 5, T. 37S., R. 23E.  
SAN JUAN COUNTY, UTAH  
GD. ELEV. 5817'

- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNERS
  - ⊙ GLO CORNERS FOUND
  - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1912 GLO PLAT
  - BLANDING, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR BUCKHORN PETROLEUM  
TO LOCATE THE 2-5 RECAPTURE UNIT, 578' F.N. L. &  
1924' F.E. L. IN THE NW 1/4 NE 1/4, OF SECTION 5, T. 37S., R. 23E  
OF THE SLM SAN JUAN COUNTY, UTAH



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*

SURVEYED	3-22-84	<b>ENERGY SURVEYS &amp; ENGINEERING CORP.</b> 715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (303) 245-7221	SCALE 1" = 1000'
DRAWN	3-23-84		JOB NO.
CHECKED			SHEET OF

BUCKHORN PETROLEUM COMPANY  
#2-5 Recapture Unit  
NW NE Sec. 5-T37S-R23E  
San Juan County, Utah

U-30121  
10-POINT PLAN OF OPERATIONS

1. The geologic name of the surface formation.

Tertiary Intrusives

2. The estimated tops of important geologic markers.

5817 GL	Honaker Trail	3500'
5830 KB	Ismay	6100'
	Desert Creek	6350'
	✓ Akah	6450'
	TD	6500'

3. The estimated depths of anticipated water, oil, gas and mineral-bearing formations.

Intermittent fresh water sands are expected from surface to approximately 350'. Interbedded shale and sand sections with little possibility of any fluid-bearing zones will be encountered to approximately 6100'. Ismay and Desert Creek have potential oil and gas. If any zones produce water, they will be adequately protected and reported.

4. The proposed casing program.

Surface casing: 550' of 9 5/8", 36#, K-55, ST & C, new casing set from 550' to surface.

Cement with 300 s x s Class "B"; circulate to surface.

Production casing: 6500' of 5 1/2", 15.5#, LT & C, new casing set from 6500' (TD) to surface.

Cement with 375 sx Class 'H' cement containing 5% Cal-Seal and 12% salt.

5. The operator's minimum specifications for pressure control equipment.

A double gate hydraulic BOP, Shaffer type LWS, 11", 3000 # WP (or equivalent) with pipe rams and blind rams will be installed on the 9 5/8" casinghead. Stack will be tested to 1000 psi prior to drilling under surface; and operational checks will be made daily or on trips. Please see attached schematic diagram.

6. The type and characteristics of the proposed drilling fluid.

The surface hole (13 1/2") to 550' will be drilled with fresh water/circulated reserve pit, 8.3-8.6 ppg, visc 30-35. After setting surface casing, drill

out and drill ahead with water/native mud as above, using high viscosity gel sweeps as needed to keep the hole clean. Mud-up will occur approximately 200' above the projected Ismay top; and the hole will be drilled to TD using a low solids, non-dispersed polymer gel system, 8.9-9.1 ppg, visc 32-36, WL 10-12.

7. The auxiliary equipment to be used.

- a. A kelly cock will be used at all times.
- b. Drill pipe floats will be used.
- c. A full opening stabbing valve will be on the floor at all times.
- d. The mud system will be visually monitored.

8. The tesing, logging, and coring programs to be followed.

- a. 1-60' core in Ismay ( $\pm 6100'$ )  
1-30' core in Desert Creek ( $\pm 6350'$ )
- b. Two possible tests: one in Ismay and one in Desert Creek
- c. DIL/SFL/SP, Litho Density/CNL/GR, and BHC/GR will be run from base of surface csg. to TD; HDT from approx. 4500' to TD.
- d. Planned completion involves selectivity perforating approximately 12' in either Ismay or Desert Creek Formation. Treatment as follows:

BREAKDOWN:

To initially breakdown and test for production, acidize with 1,200 gallons (100 gallons per foot) 28% HCL Acid containing 50 pounds FE-2 and 10 gallons FE-1A iron sequestering agents, 3 gallons LoSurf-259 surfactant, 1.5 gallons HC-2 fines suspending agent and 2 gallons HAI-60 corrosion inhibitor per 1,000 gallons. For diversion inject 100% excess 7/8" RCN Perfpac Ball Sealers throughout acid. Treat via tubing below packer at  $\pm 3$  BPM.

MAJOR STIMULATION:

If further stimulation is required acidize with 12,000 gallons (1,000 gallons per foot) 28% HCL Acid containing 50 pounds FE-2 and 10 gallons FE-1A iron sequestering agents, 6 gallons SGA-HT gelling agent, 3 gallons LoSurf-259 surfactant, 1.5 gallons HC-2 fines suspending agent and 2 gallons HAI-60 corrosion inhibitor per 1,000 gallons. Treat via 2 7/8" tubing below packer at  $\pm 6$  BPM.

No additional surface disturbance will be required for this job.

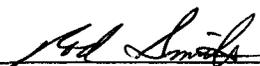
9. Any abnormal pressures or temperatures expected.

No abnormal temperatures, pressures or potential hazards such as H<sub>2</sub>S have been encountered in this area.

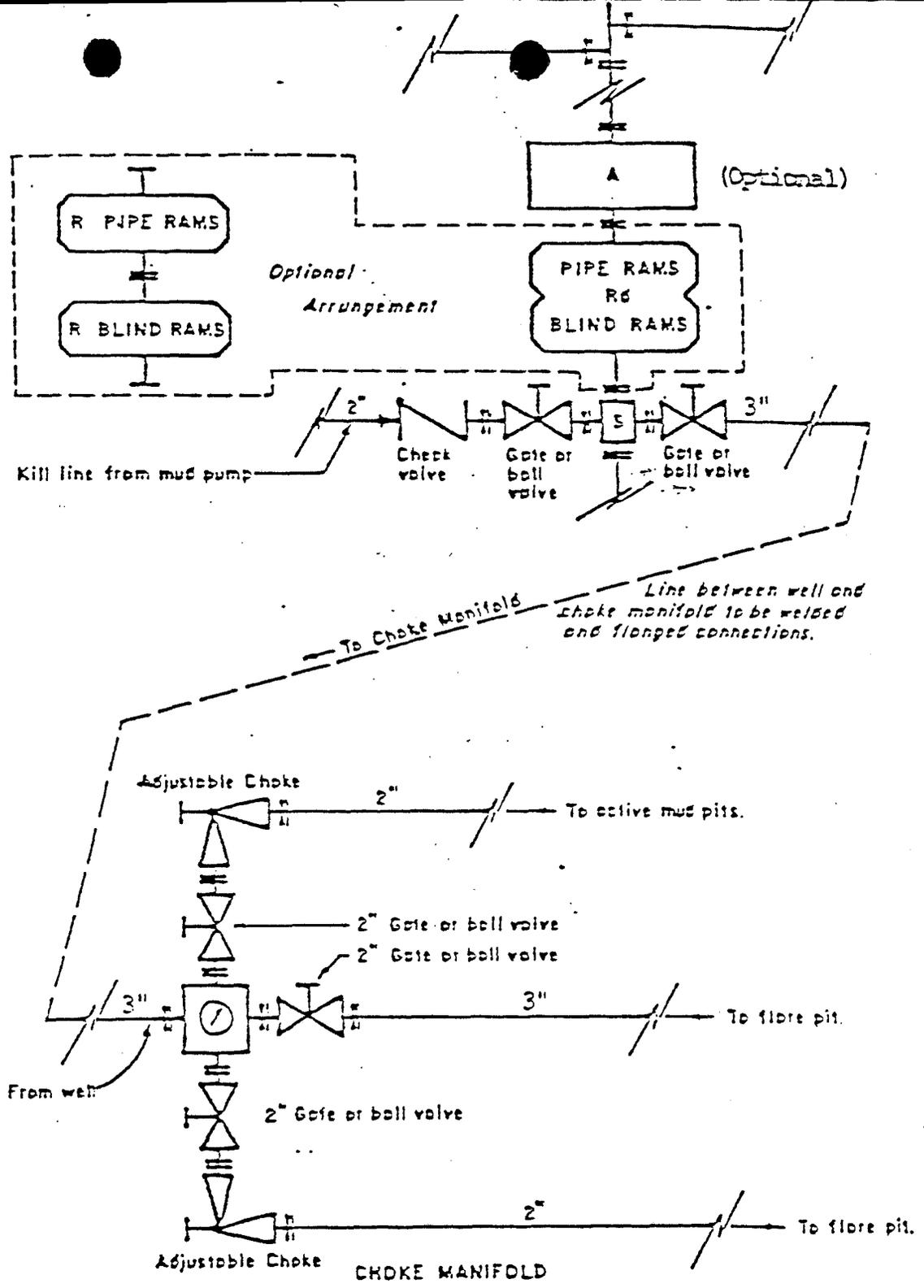
10. The anticipated starting date and duration of operations.

Projected spud date for this well is May 5, 1984, with completion of drilling operations within 25 days. It is estimated that completion for production will be accomplished in an additional 10-15 days.

Productive zones will be perforated , treated, and tested. Gas will be flared during testing periods. Water produced during testing will be contained in the temporary drilling reserve pit. All possible oil will be stored and sold.

  
\_\_\_\_\_  
Rodney D. Smith 4-6-84  
Petroleum Engineer  
BUCKHORN PETROLEUM COMPANY

BUCKHORN PETROLEUM COMPANY  
# 2-5 Recapture Unit  
NW NE sec. 5-T37S-R23E  
San Juan County, Utah



- All equipment to be 3,000 psi working pressure except as noted.
- Rd Double ram type preventer with two sets of rams.
  - R Single ram type preventer with one set of rams.
  - S Drilling spool with side outlet connections for choke and kill lines.
  - A Annular type blowout preventer. (Optional)

BUCKHORN PETROLEUM COMPANY  
 Rocky Mountain Division  
 Required Minimum Blowout  
 Preventer and Choke Manifold

13-POINT SURFACE USE PLAN

1. Existing Roads. A legible map showing:

- A. Proposed well site as staked. Exhibits A, B, and C show the Proposed well site. Staked location is 578 FNL & 1924' FEL.
- B. Route and distance from nearest town or locatable reference point to where access road leaves main road.

From the middle of Blanding, Utah (corner of Main Street and Center Street), go south on State Hwy 163 1.7 miles. Turn left on county gravel road (A&M Propane corner), and go 1.2 miles to T intersection. Turn right on graveled County Rd #206 and go 4.1 miles to bridge. Continue on County Road # 206 2.7 miles. Turn left (north) on graveled County Rd. #207 and go 4.1 miles to gate into private property (red flagged gate). Follow (red flagged) existing access road 1.0 miles to location. See Exhibit A.

- C. Access road(s) to location color-coded or labeled. Existing roads to be used for access to this location are colored green. Upgraded access road (approx. one mile) is shown in red. See Exhibit A.
- D. If exploratory well, all existing roads within a two-mile radius of well site.  
All known existing roads within two miles of the proposed drill site are shown on Exhibit 'A'. San Juan County Road Department (801-587-2231 Ext. 43) will be contacted before county road is used.
- E. N/A as this is an exploratory well.
- F. Existing Road Maintenance or Improvement: Existing dirt road will be maintained to surface management agency standards Class III i.e.; crowned and ditched or dipped from existing road to the location prior to use for moving the drill rig on site.

2. Planned Access Route.

- A. Route Location: See I B. above and Exhibit A.  
The proposed access route was selected due to the existence of the present access road and is the shortest distance to the well site with safe and acceptable grades from the main connector road. If the well is a producer, the road will be upgraded as follows:
  - 1. Width: The average dirt width will be 30 feet. The average traveled surface width will be 20 feet. Road construction will be in accordance with the surface management agency BLM standards.
  - 2. Maximum Grades: Grades will be kept to a minimum using all available engineering techniques. We will construct safe and passable grades that use existing topographic and surface geologic conditions. Maximum grade of new access will be less than 6%.
  - 3. Turnouts: Not required.
  - 4. Ditching, crowning and drainage design: Prior to construction of the new access road, the surface vegetation and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be minimum elevation of one foot above ditch grade. The road surface will be center crowned

and the insolpes will have a maximum slope of 3:1. Fill slopes will be a maximum of 2:1.

5. Construction activity will cease when soils of road and well pad surface become saturated to a depth of 3 (three) inches or more. During the summer and periods of dry weather, dust will be abated using water or other Resource Manager approved method.
6. Culvert Use, major cuts and fills: There is a possibility of installing a culvert under the road by the location, if deemed necessary for drainage.

Maximum cut: Cuts will be to a minimum.

Maximum fill: Fill will be to a minimum.

7. Surfacing Material: The proposed new access road will be constructed using native materials.
8. Gates, Cattleguards, Fence Cuts:  
Gates: One gate exists at County road into private land in Sec. 4.  
Cattleguards: Cattleguard will be installed at above mentioned gate  
Fence Cuts: None
9. Access road on private surface has been flagged.

3. Location of Existing Wells.

The proposed well is a wildcat well, nearby wells include:

- A. Water wells: N/A
- B. Abandoned wells: N/A
- C. Temporarily Abandoned Wells: N/A
- D. Disposal Wells: N/A
- E. Producing Wells: N/A
- F. Shut-In: N/A
- G. Injection Wells: N/A
- H. Monitoring or Observation Wells: N/A

4. Location of Existing and/or Proposed Facilities and Construction Methods

A. Existing facilities owned or controlled by Lessee/Operator within one mile:

1. Tank batteries: N/A
2. Production facilities: N/A
3. Oil gathering lines: N/A
4. Gas gathering lines: N/A
5. Injection lines: N/A
6. Disposal lines: N/A

B. New facilities in the event of production:

1. New facilities may consist of a well head, storage tank, production unit, meter house, all of which would remain within the disturbed area.
2. All permanent facilities will be painted brown to blend in with surrounding environment.

C. Construction Methods

1. Refer to Exhibits C and D for pad topography and cross sections.
2. All dead trees from chaining activities will be disposed of by Buckhorn. Stumps will be buried or burned in reserve pit prior to placement of drilling facilities. If any burning is done, Buckhorn

- will obtain a state burning permit and notify the San Juan County Health Department 24 hours in advance. Any stump left in place will be cut to a height not to exceed 12 inches. All slash less than four inches or greater diameter will be removed. Buckhorn will provide the dirt contractor with a copy of the surface use plan prior to any surface disturbance.
3. Buckhorn will immediately notify the San Juan Resource Area Manager of any and all cultural/historical resources discovered as a result of operations under this permit. All activities will be suspended in the area of any such object found and leave such discoveries intact until told to proceed by San Juan Resource Area Manager. Notice to proceed will be based upon evaluation of the Cultural significance of the object. Evaluation of such object will be conducted by a qualified professional selected by San Juan Resource Area Manager from a federal agency where possible and practical. When not practical, Buckhorn will follow the mitigation requirements set forth by the San Juan Resource Area Manager concerning protection, preservation or disposition of any sites or material discovered.
  4. Land Ownership: The planned site lies on fee surface.  
: The planned access road lies on fee surface (Approx. 1 mile)
  5. Construction of pad will be conducted as follows: Topsoil will be stripped to a depth of 12 inches. Topsoil will then be stockpiled on the northeast corner of the location and identified in some manner to avoid accidental waste or improper usage. Pits will be constructed with solid materials native to site. Construction methods will be employed to assure that no drainage flows are impounded and to prevent the loss of any hydrocarbon from site. This will be done in a manner to facilitate rapid recovery and clean-up operations.
  6. Protective measures for wildlife and livestock:  
Pits will be fenced on 3 (three sides) during drilling and on 4 (four sides) after completion to prevent entry of livestock or wildlife in the following manner; four strand barbed wire with metal post.
- D. Plans for re-habilitation of disturbed areas no longer needed for operations after construction and drilling completed.
1. Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to the BLM standards. Landowner has requested restoration be done in accordance with BLM standards.

#### 5. Location and Type of Water Supply

- ✓ A. The water will be obtained from a legal private source: City of Blanding
- B. Water transportation system: Water will be trucked to the location over existing roads.

C. Water wells: N/A

6. Source of Construction Materials

- A. Materials: Construction materials will consist of soil encountered within the boundaries.
- B. Materials foreign to site: N/A
- C. Refer to Exhibit A for access road detail. The access road will be constructed of cut and fill material from the roadbed and area immediately adjacent thereto.

7. Methods of Handling Waste Disposal

- A. Cuttings will be contained within the limits of the reserve pit.
- B. Drilling fluids will be retained in the reserve pit.
- C. Produced fluids: No substantial amount of produced water is anticipated. The amount of fluid hydrocarbons that may be produced while treating will be retained in the reserve pit. Prior to cleanup operations, the hydrocarbons will be skimmed or removed as the situation dictates.
- D. Sewage: Sanitary facilities will consist of at least one chemical toilet and after completion of operations, the sewage will be removed and disposed of by subcontractor and hauled by truck to a sanitary land-fill.
- E. Garbage: The small amount of refuse will be contained in a trash cage until operations are completed and then will be disposed of at a legal and environmentally safe location.
- F. Clean up of well site: After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The mouse hole and rat hole will be backfilled to prevent injury and hazard to livestock and personnel. Reserve pit will be fenced until dry and then will be backfilled using native materials except topsoil, and contoured to natural terrain.

8. Ancillary Facilities

A. N/A

9. Well Site Layout

- A. Refer to Exhibits
  - 1. Location of pits: Exhibits C and D
  - 2. Rig Orientation: Exhibits C and E

10. Plans for Restoration of Surface

- A. The San Juan Resource Area Manager will be notified at least 48 hours prior to commencing reclamation work.
- B. Reserve Pit Clean-Up: The pit will be fenced on three sides prior to rig release and maintained until clean-up. Prior to backfill operations, any hydrocarbon material on pit surface will be removed. The fluids contained in the pit shall be allowed to evaporate and then the pit shall be backfilled with solid excavated from the site (excluding any topsoil removed during construction). The restored

surface of the reserve pit will be contoured to prevent impoundment of drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer over surface. The reserve pit will be seeded per the landowner's request.

- C. Restoration plans if production is developed: The reserve pit will be backfilled and restored as described in B. In addition, those disturbed areas not required for production facilities will be contoured to approximate original topography. Buckhorn will upgrade and maintain access roads as necessary to prevent soil erosion and accommodate year-round traffic. Topsoil will then be placed on those areas of pad not needed for operation, ripped or disked and seeded, per BLM standards.

Buckhorn will use certified seed. Seedbed will be prepared by disking or ripping following natural contours. Seed will be drilled on contour at depth no greater than  $\frac{1}{2}$  inch. In areas that cannot be drilled, we will broadcast at a double the seeding rate and harrow the seed into the soil. Seeding will be completed after September 1 and prior to prolonged ground frost. Perennial vegetation will be established. Buckhorn will perform any additional work necessary in the event of seeding failures.

Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on cut slopes.

- D. Restoration plans if no production is developed: The reserve pit will be backfilled and restored as described in B. Access road and location will be restored to approximate the original contours. During the reclamation of site, fill material will be pushed into cuts and up over backslope. No water trapping depressions will be left. Topsoil will be distributed evenly over location and seeded according to the method, manner and type described in C.
- E. Private surface restoration: The landowner, Eugene Guymon, has requested restoration to be in accordance with BLM standards.

11. Other Information

- A. Surface Description: The topography is relatively sloping, with a fairly steep drainage (Recapture Creek) west of the location. Vegetation includes crested wheatgrass, wild sunflower, and fourwing saltbush.
- B. Other Surface-Use Activities: The predominant surface use is grazing.
- C. Proximity of Water, Swellings and Historical Sites:
1. Water: Recapture Creek approx. 1 mile west.
  2. Occipied Swellings: None within one(1) mile.
  3. Historical Sites: Cliff Swellings located along county Road (Sec. 13-T37S-R22E). The landowner, Eugene Guymon, has requested that no archaeological survey be performed for this location and access road.

12. Lessee's or Operator's Representative

Mr. Rod D. Smith, Petroleum Engineer  
BUCKHORN PETROLEUM CO. (1625 Broadway, Ste. 1200,  
P.O. Box 5928 T.A. Dome Tower)  
Denver, Colorado 80217  
Office Phone: 303/825-4771 (24hr. answering service)  
Home Phone: 303/278-2323

Mr. Alex Nash, Jr. , Manager of Operations  
BUCKHORN PETROLEUM CO.  
P.O. Box 5928 T.A. (1625 Broadway, Ste., 1200,  
Denver, Colorado 80217 Dome Tower )

Office Phone: 303/825-4771 (24 hr. answering service)  
Home Phone: 303/741-3353

U-30121  
Surface Use Plan

13. Certification

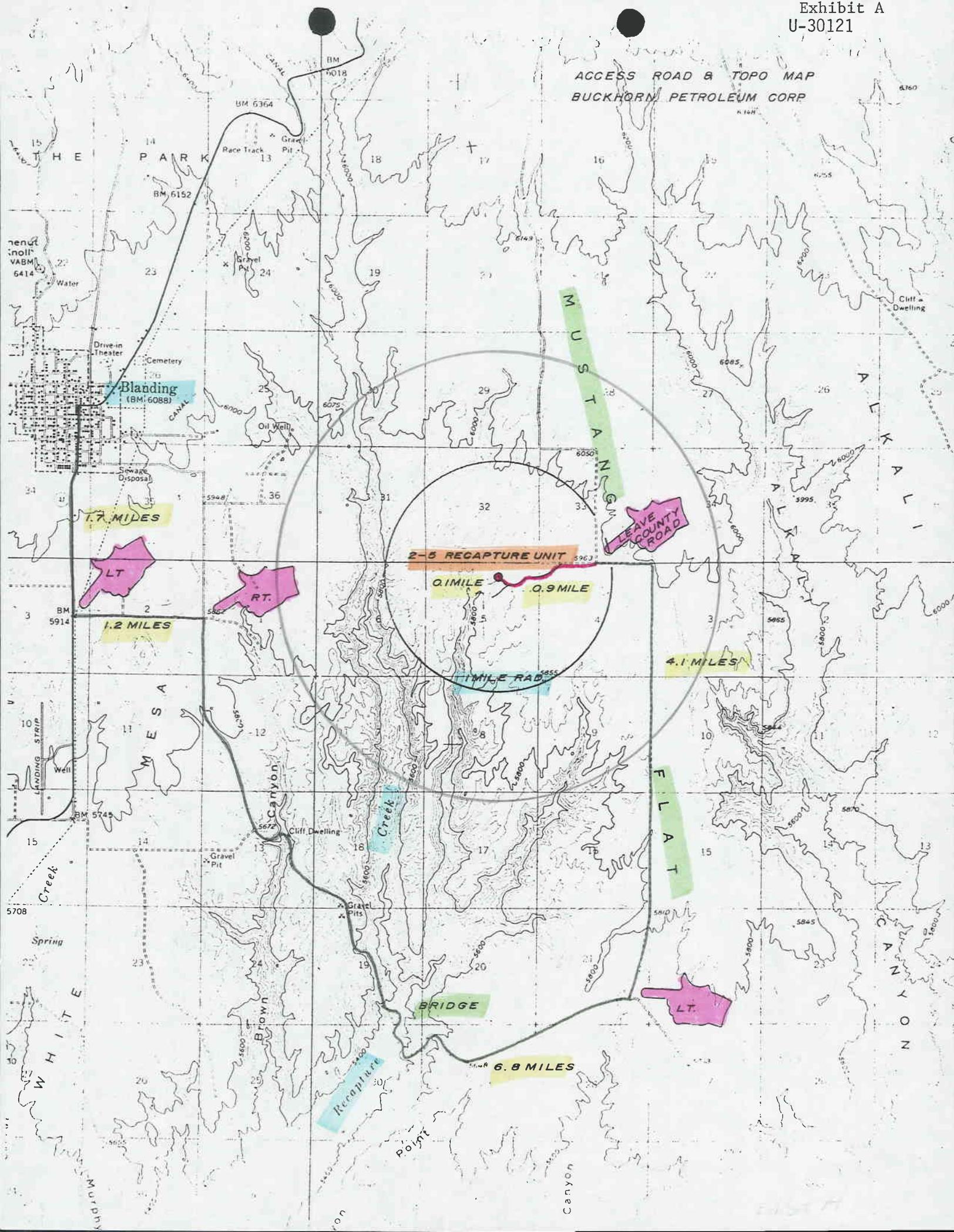
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; and that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Buckhorn Petroleum Co. and its contractors and subcontractors in conformity with this plan and the conditions under which it is approved.

April 6, 1984  
Date

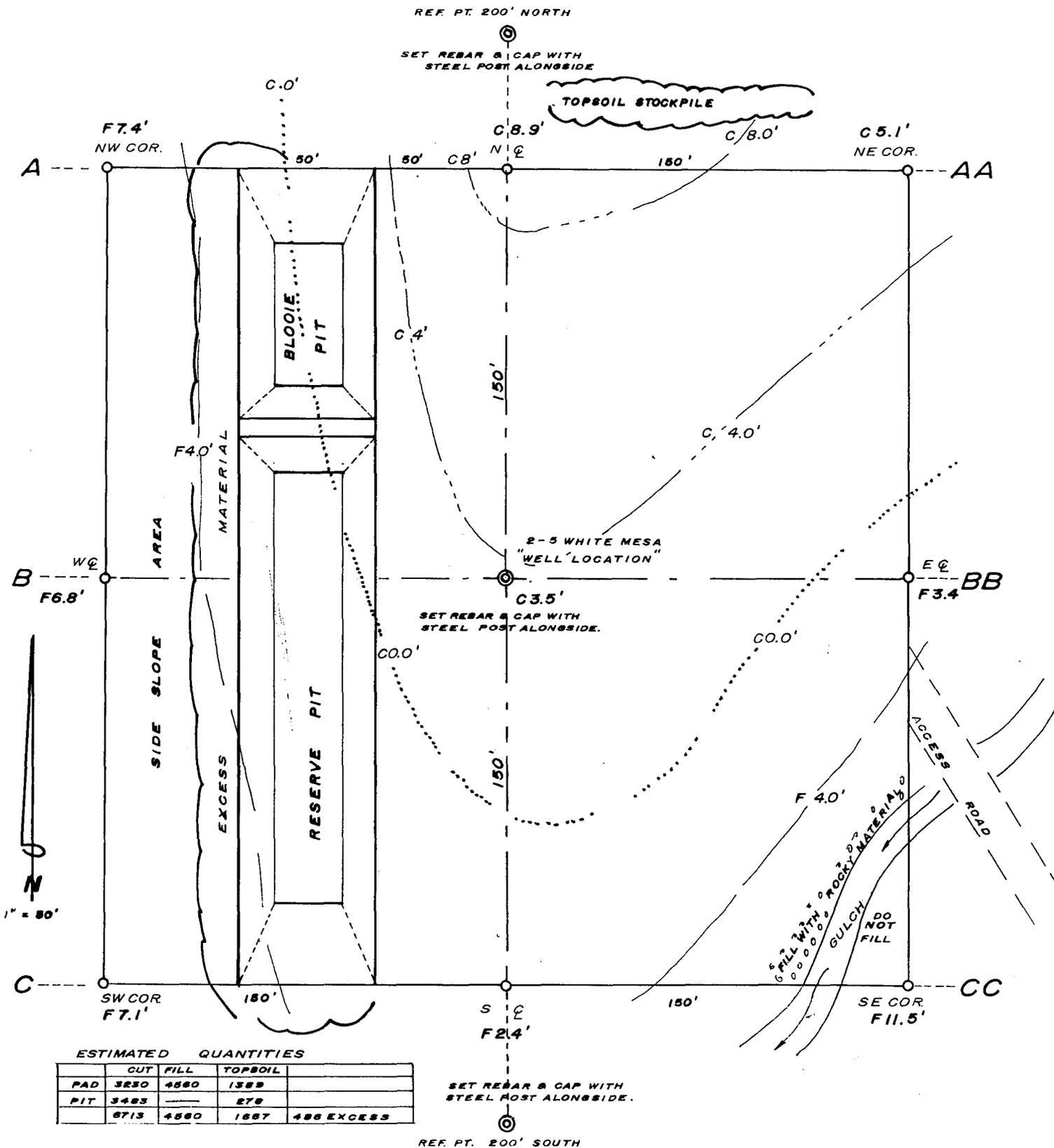
  
\_\_\_\_\_  
Rod D. Smith  
Petroleum Engineer

RDS/bkp  
4-6-84

ACCESS ROAD & TOPO MAP  
BUCKHORN PETROLEUM CORP



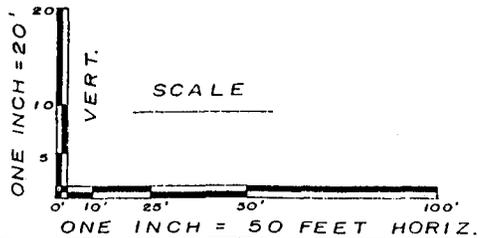
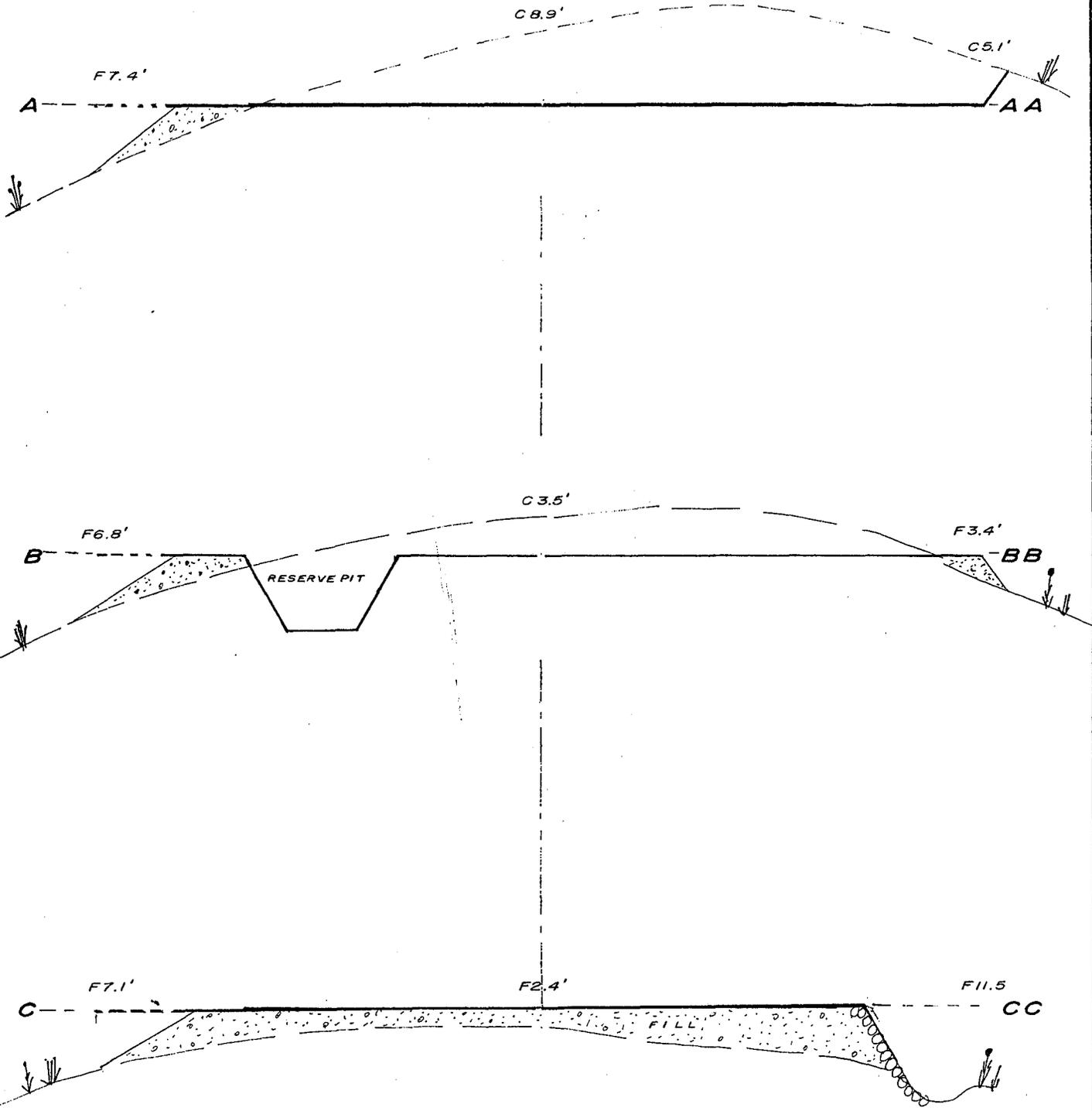
**PIT & PAD LAYOUT**  
U-30121



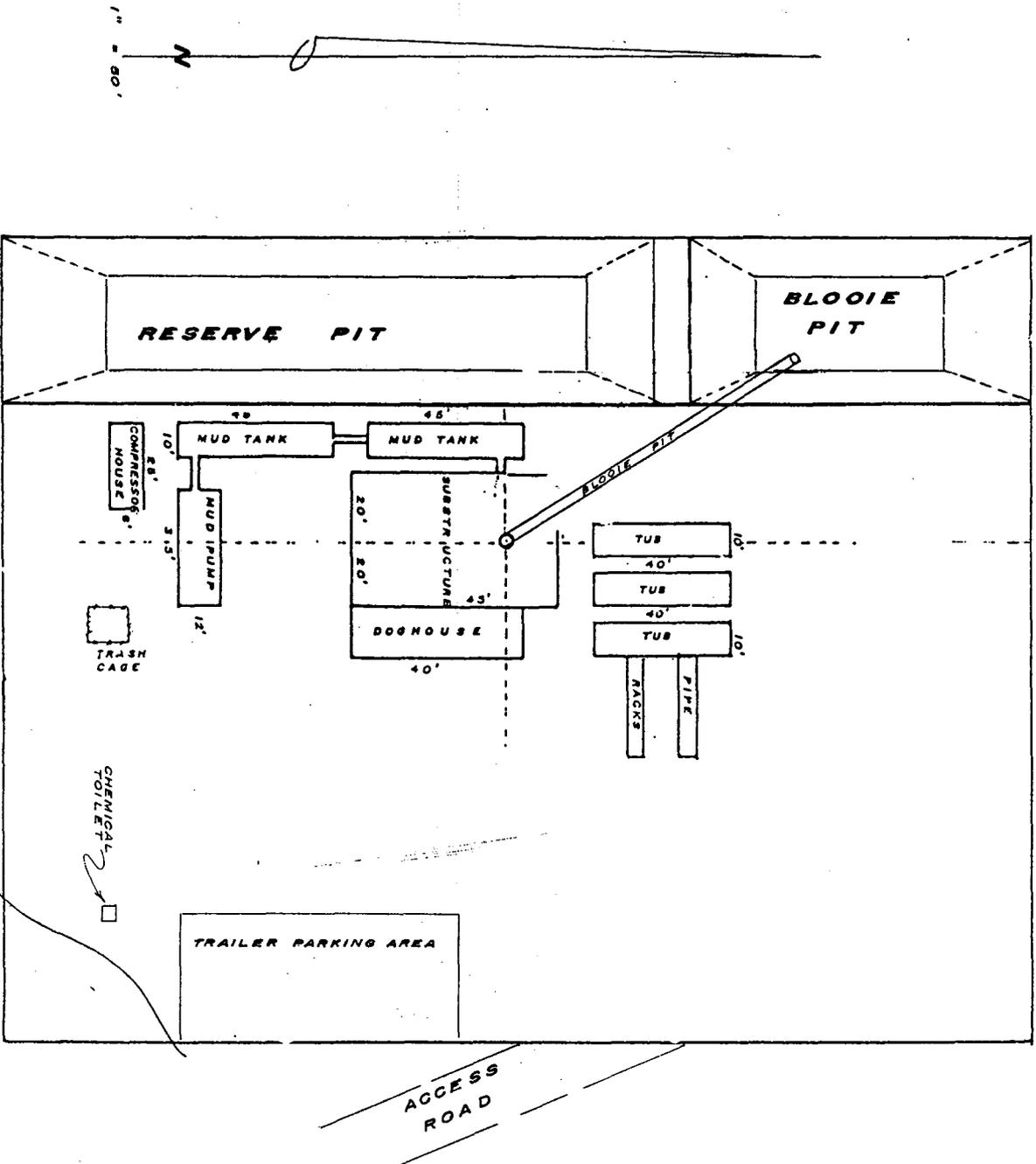
BUCKHORN PETROLEUM CORP  
2-5 RECAPTURE UNIT

CROSS-SECTIONS  
OF PIT & PAD

U-30121



BUCKHORN PETROLEUM CORP.  
2-5 RECAPTURE UNIT



ONE INCH = 50 FEET

BUCKHORN PETROLEUM CORP.  
2-5 RECAPTURE UNIT

## DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL No.: U-30121

and hereby designates

NAME: Buckhorn Petroleum  
ADDRESS: P. O. Box 5928 T.A.  
Denver, CO 80217

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 37 South, Range 23 East S.L.M.  
Section 5: Lot 2 (NW/4NE/4).

containing 39.24 acres, more or less  
San Juan 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.

DUNCAN EXPLORATION COMPANY

  
.....  
(Signature of lessee)

Raymond T. Duncan  
1777 S. Harrison St., Penthouse One  
Denver, CO 80210  
.....  
(Address)

March 21, 1984  
.....  
(Date)

# CONFIDENTIAL

OPERATOR Buckhorn Petroleum DATE 4-13-84  
WELL NAME Recapture ~~H~~ # 2-5  
SEC NWNE 5 T 37S R 23E COUNTY San Juan

43-037-31003  
API NUMBER

Fed  
TYPE OF LEASE

## POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

## PROCESSING COMMENTS:

Unit not approved - Operator - "Denneco"

Description of Operator - Duncan Exploration

No other wells within 1000'

Need water

Vertical app. to Dong Bruner.  
Buckhorn Petr. 4/18/84

## APPROVAL LETTER:

SPACING:

A-3

Recapture Creek  
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

## SPECIAL LANGUAGE:

1- water

RECONCILE WELL NAME AND LOCATION OF

AUTHENTICATE LEASE AND OPERATOR IN

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

April 17, 1984

Buckhorn Petroleum Company  
P. O. Box 5928 T.A.  
Denver, Colorado 80217

RE: Well No. Recapture #2-5  
NWNE Sec. 5, T. 37S, R. 23E  
578' FNL, 1924' FEL  
San Juan County

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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

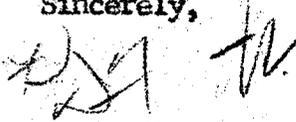
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Buckhorn Petroleum Company  
Well No. Recapture #2-5  
April 17, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31003.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

Enclosures

**CONFIDENTIAL**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BUCKHORN PETROLEUM COMPANY

WELL NAME: RECAPTURE 2-5

SECTION NWNE 5 TOWNSHIP 37S RANGE 23 E COUNTY SAN JUAN

DRILLING CONTRACTOR COLEMAN

RIG # 2

SPUDDED: DATE 5-1-84

TIME 1:00 AM

How Rotary

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

REPORTED BY Doug Bruner

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

DATE 5-2-84 SIGNED RJF

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  
 Buckhorn Petroleum Company

3. ADDRESS OF OPERATOR  
 P.O. Box 5928 T.A.: Denver, Colorado 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface      578' FNL, 1924 FEL  
 At proposed prod. zone      Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 4 miles SE of Blanding, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      578' (5080')

16. NO. OF ACRES IN LEASE      1186.52

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.      6500'

19. PROPOSED DEPTH      6500'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5817' GL est. 5830' KB

22. APPROX. DATE WORK WILL START\*  
 May 5, 1984

RECEIVED  
MAY 2 1984  
DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
 U-30121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 Recapture Unit (Proposed)

8. FARM OR LEASE NAME  
 Recapture Unit

9. WELL NO.  
 2-5

10. FIELD AND POOL, OR WILDCAT  
 Wildcat/Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 NW 1/4 NE 1/4  
 Section 5-T37S-R23E

12. COUNTY OR PARISH      13. STATE  
 San Juan      Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	16"	Conductor	40' below GL	Redimix to surface
13 1/2"	9 5/8"	36#, K-55, ST&C	+550' KB	300 SX 'B' (cir'd)
8 3/4"	5 1/2"	15.5#, K-55, LT&C	6500' (TD)	375 SX 'H'

Buckhorn Petroleum Co. proposes to drill an oil well to test the Desert Creek and Ismay formation as outlined above and in the attached 10-Point Plan of Operations and 13-Point Surface Use Plan.

At this time we anticipate using Coleman Drilling Co. Rig#2. Buckhorn respectfully requests this well to be placed on a confidential status. Surface damages have been negotiated with the surface owner, Mr. Eugene Guymon. Buckhorn is bonded for operations on BLM lands nationwide by Hartford Accident & Indemnity Company #441609.

Copies of Designation of Operator from Duncan Exploration Company to Buckhorn are enclosed.

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 program, if any.

Rodney D. Smith      TITLE Petroleum Engineer      DATE 4-6-84  
 ce for Federal or State office use)

S/ GENE NODINE      APPROVAL DATE \_\_\_\_\_  
 TITLE DISTRICT MANAGER      DATE 27 APR 1984

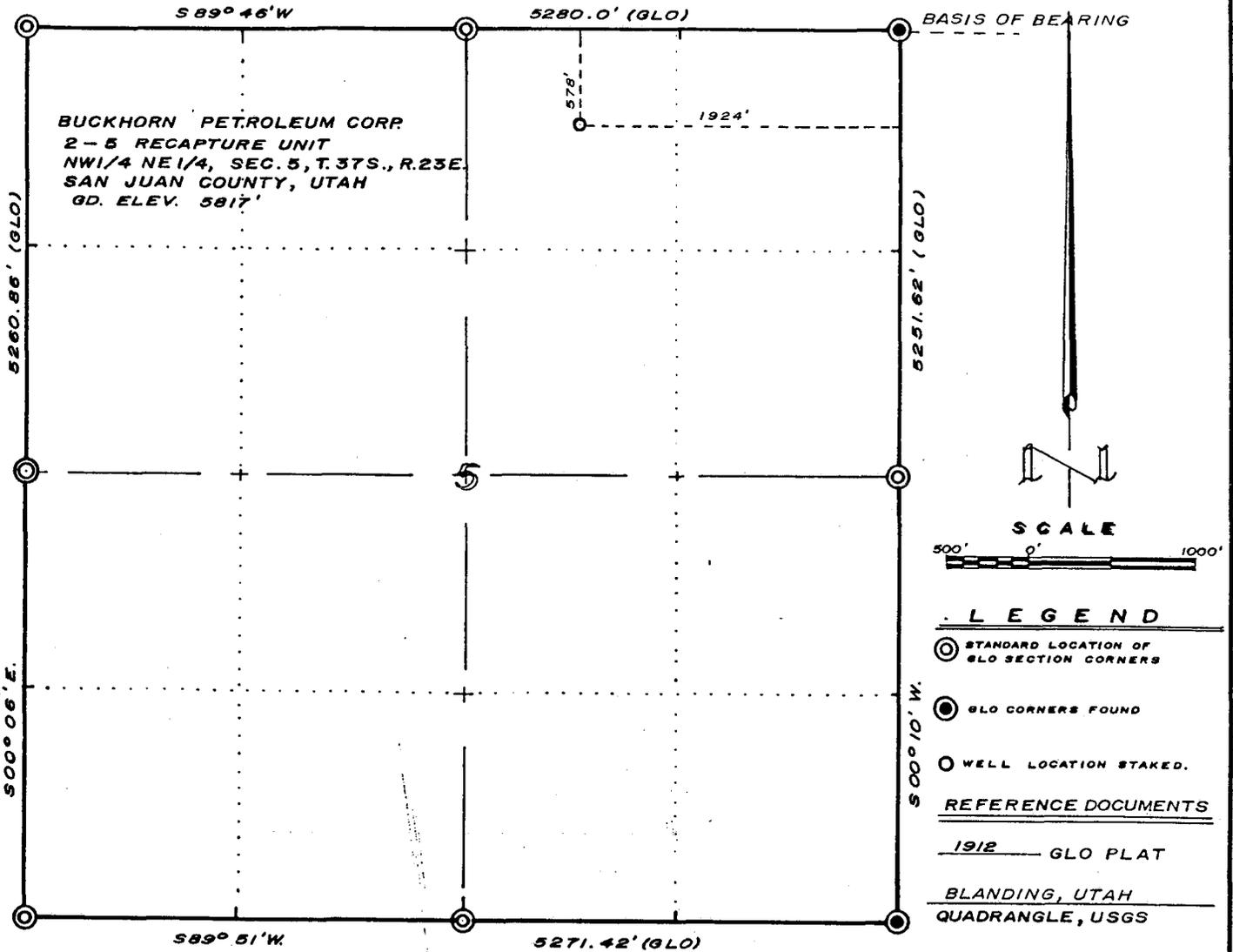
IG OR VENTING OF  
 SUBJECT TO NTL 4-A  
 DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED  
 UNIT OBLIGATION WELL FOR PROPOSED UNIT

CONFIDENTIAL

State of Utah

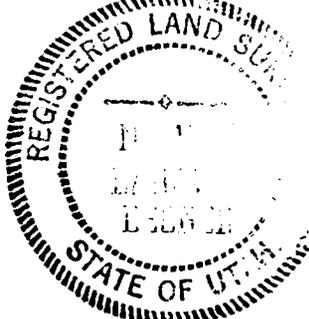
SEC. 5, T. 37 S., R. 23 E. OF THE SLM



BUCKHORN PETROLEUM CORP  
2-5 RECAPTURE UNIT  
NW 1/4 NE 1/4, SEC. 5, T. 37 S., R. 23 E.  
SAN JUAN COUNTY, UTAH  
GD. ELEV. 5817'

- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNERS
  - GLO CORNERS FOUND
  - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1912 GLO PLAT
  - BLANDING, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR BUCKHORN PETROLEUM TO LOCATE THE 2-5 RECAPTURE UNIT, 578' F.N.L. & 1924' F.E.L. IN THE NW 1/4 NE 1/4, OF SECTION 5, T. 37 S., R. 23 E OF THE SLM SAN JUAN COUNTY, UTAH



**SURVEYOR'S CERTIFICATE**

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*

SURVEYED	3-22-84	<b>ENERGY SURVEYS &amp; ENGINEERING CORP.</b> 715 HORIZON DRIVE, SUITE 330 GRAND JUNCTION, CO 81501 (303) 245-7221	SCALE 1"=1000'
DRAWN	3-23-84		JOB NO.
CHECKED			SHEET OF

STIPULATIONS

1. Construction

For the protection of cultural resources, the laydown will be to the east and the reserve pit will be on the north. There is to be no disturbance nor construction downhill of a line 120' south of the center stake.

2. Production

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery.

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

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 will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The San Juan Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

3. Methods of Handling Waste Disposal

Produced waste water will be confined to a unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

4. Other Information

There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

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

Your contact with the District Office is: Bob Graff

Office Phone: 801-259-6111

Address: P.O. Box 970, Moab, UT 84532

Resource Area Manager's address and contacts:

Address: P.O. Box 7, Monticello, UT 84535

Your contact is: Brian Wood

Office Phone: 801-587-2201

Home Phone: 801-587-2087

# City of Blanding

50 WEST 1ST SOUTH STREET

POST OFFICE BOX 68

BLANDING, UTAH 84511

(801) 678-2791

April 27, 1984

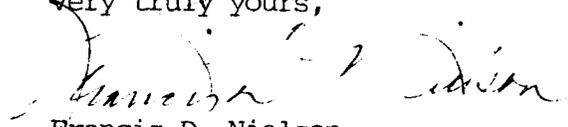
Mr. Mark Page  
Area Engineer  
Southeastern Utah Area  
Utah State Engineers Office  
P. O. Box 718  
Price, Utah 84501

Dear Mr. Page:

The City of Blanding has contracted the sale of 20,000 barrels of water (840,000 gallons) to Buckhorn Petroleum for use in their drilling a well known as 2-5 Recapture in Section 5, Township 37 South, Range 23 East, Salt Lake Base and Meridian, Utah.

The water will be taken from either Blanding City Reservoir No. 3 or Reservoir No. 4 by Buckhorn Petroleum or their contractor.

Very truly yours,

  
Francis D. Nielson  
City Administrator

CC: Utah State Division of  
Oil, Gas and Mining  
Buckhorn Petroleum

**RECEIVED**

MAY 03 1984

DIVISION OF OIL  
GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

May 11, 1984

*Buckhorn Petroleum*

La Sal Trucking Inc.  
P.O. Box 879  
Moab, UT 84532

Dear Applicant:

RE: TEMPORARY APPLICATION  
NUMBER 09-1354 (T59842)

Enclosed is a copy of the above numbered approved Temporary Application. This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire June 30, 1984, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

Dee C. Hansen, P. E.  
State Engineer

**TEMPORARY**

DCH:slm

Enclosure

# TEMPORARY

APPLICATION TO APPROPRIATE WATER

STATE OF UTAH

Application No. 9842

09-1354

RECEIVED

APR 10 1971

NOTE:--The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah; for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation  Domestic  Stockwatering  Municipal  Power  Mining  Other Uses

2. The name of the applicant is La Sal Trucking Inc.

3. The Post Office address of the applicant is P. O. Box 879 Moab, Utah 84532

4. The quantity of water to be appropriated 1.5 second-feet and/or 1.5 acre-feet

5. The water is to be used for Drilling from April 28 to May 25  
(Major Purpose) (Month) (Day) (Month) (Day)

other use period \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_  
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is \_\_\_\_\_  
(Leave Blank)

7. The direct source of supply is\* Recapture Creek ( Head Water Abajo Mtn.)  
(Name of stream or other source)

which is tributary to San Juan River, tributary to \_\_\_\_\_

\*Note.--Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in San Juan County, situated at a point\*  
S W SE Sec 19 T37S R23E

N. 275 ft. & W. 1425 ft. from SE Cor. Sec. 19, T37S, R23E, SLB&M.  
(6 miles SE of Blanding) Blanding Quad

\*Note.--The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of Tank Trucks loading out of  
Stream and hauling to Drill Site

10. If water is to be stored, give capacity of reservoir in acre-feet \_\_\_\_\_ height of dam \_\_\_\_\_  
area inundated in acres \_\_\_\_\_ legal subdivision of area inundated \_\_\_\_\_

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Total \_\_\_\_\_ Acres

12. Is the land owned by the applicant? Yes \_\_\_\_\_ No X If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes \_\_\_\_\_ No X  
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. \_\_\_\_\_

15. If application is for mining, the water will be used in \_\_\_\_\_ Mining District at  
the \_\_\_\_\_ mine, where the following ores are mined \_\_\_\_\_

16. If application is for stockwatering purposes, number and kind of stock watered \_\_\_\_\_

17. If application is for domestic purposes, number of persons \_\_\_\_\_, or families \_\_\_\_\_

18. If application is for municipal purposes, name of municipality \_\_\_\_\_

19. If application is for other uses, include general description of proposed uses Drilling and  
Exploration

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NW NE Sec 5 Range 37S Township 23E

21. The use of water as set forth in this application will consume 1.5 ~~XXXXXXX~~ or acre-  
feet of water and \_\_\_\_\_ second feet and/ or acre feet will be returned to the natural  
stream or source at a point described as follows: \_\_\_\_\_

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Water will be pumped from recapture creek into water trucks. Trucks will then haul water to Buckhorn Petroleum Corporations drilling site Well 2-5 White Mesa. Water will be used for drilling exploration. Drill site will be located at NW NE Sec5 Range 37E Township 23E

Lined area for additional explanatory text.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Signature of Applicant\* (Handwritten signature: Charles H. Klynn, President of Salt Tracking, Inc.)

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, County of Grand ss

On the 13 day of April, 1984, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires: 12-6-1985

Signature of Notary Public

(SEAL)

Notary Public



**FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH**

Flow rate — c.f.s.	Cost	
0.0 to 0.1 .....	\$ 15.00	
over 0.1 to 0.5 .....	30.00	
over 0.5 to 1.0 .....	45.00	
over 1.0 to 15.0 .....	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0 .....	150.00	foot per second.

Storage — acre-feet		
0 to 20 .....	22.50	
over 20 to 500 .....	45.00	
over 500 to 7500 .....	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500 .....	150.00	500 acre feet.

(This section is not to be filled in by applicant)

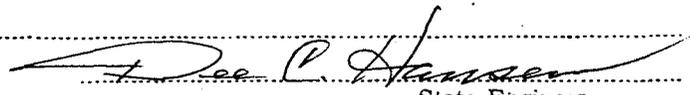
**STATE ENGINEER'S ENDORSEMENTS**

1. April 16, 1984 Application received by mail over counter in State Engineer's office by SP
2. Priority of Application brought down to, on account of .....
3. 4-20-84 Application fee, \$22.50, received by AM Rec. No. 05035
4. Application microfilmed by ..... Roll No. ....
5. 4-23-84 Indexed by an Platted by .....
6. 4-16-84 Application examined by SP
7. Application returned, ..... or corrected by office .....
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. Application approved for advertisement by .....
10. Notice to water users prepared by .....
11. Publication began; was completed .....  
Notice published in .....
12. Proof slips checked by .....
13. Application protested by .....
14. Publisher paid by M.E.V. No. ....
15. Hearing held by .....
16. Field examination by .....
17. 4-16-84 Application designated for approval SP S.G.  
rejection
18. 5/11/84 Application copied or photostated by slm proofread by .....
19. 5/11/84 Application approved  
~~rejected~~

**20. Conditions:**

This Application is approved, subject to prior rights, as follows:

- a. Actual construction work shall be diligently prosecuted to completion.
- b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
- c. TEMPORARY APPROVAL -- EXPIRES June 30, 1984.

  
 Dee C. Hansen, P.E., State Engineer

21. Time for making Proof of Appropriation extended to .....
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No. ...., issued

**TEMPORARY**

Application No. 59842  
09-1354

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Buckhorn Petroleum Company

3. ADDRESS OF OPERATOR  
P.O. Box 5928 T.A., Denver, CO 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 578' FNL & 1924' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

5. LEASE  
U-30121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Recapture Unit

8. FARM OR LEASE NAME  
Recapture Unit

9. WELL NO.  
2-5

10. FIELD OR WILDCAT NAME  
Wildcat/Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NW/4 NE/4  
Sec 5 T37S R23E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

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

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) Notice of Spud

SUBSEQUENT REPORT OF:

RECEIVED

MAY 16 1984

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

DIVISION OF OIL  
GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was spud @ 1:00 a.m. 5-1-84. Current Progress: Drilling 13-1/2" surface hole.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Alex Nash, Jr TITLE Manager-Operations DATE May 1, 1984

(This space for Federal or State office use)

APPROVED BY ACCEPTED TITLE \_\_\_\_\_ DATE 09 MAY 1984  
CONDITIONS OF APPROVAL IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR HARPER OIL COMPANY, Successor by Merger to Buckhorn Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 5928 T.A., Denver, CO 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 578' FNL & 1924' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Report of Operations</u>			

II-30121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Recapture Unit

9. WELL NO.  
2-5

10. FIELD OR WILDCAT NAME  
Wildcat/Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 5 T37S R23E

12. COUNTY OR PARISH San Juan 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5830' KB

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see attached recaps of drilling activity from 5-1-84 to 5-11-84.

**RECEIVED**

**MAY 21 1984**

**DIVISION OF OIL  
GAS & MINING** Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED A. Nash, Jr. TITLE Manager-Operations DATE May 14, 1984

(This space for Federal or State office use)

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

## UTAH - EXPLORATORY WELL

HARPER OIL #2-5 RECAPTURE UNIT CONTRACTOR - COLEMAN RIG #2  
 SPUD NW NE SEC. 5-T37S-R23E SAN JUAN CTY, UTAH PTD 6500'  
 SAFE 30061-24 ISMAY/DESERT CREEK HARPER INT. - 60% WI  
 WHITE MESA PROSPECT N-18

04-30-84 MOVING IN COLEMAN RIG #2. ANTICIPATED SPUD LATE THIS  
 AFTERNOON.

05-01-84 133', DRLG, MADE 93'. 24 HR. BREAKDOWN: 19 HRS. RD - MIRU ON  
 2-5 RECAPTURE; 5 HRS. DRLG SURF. MW 8.3, VIS 45. BIT #1,  
 13-3/4", SECURITY, S3 (15-15-0) IN @ 50', OUT @ 68', MADE 17' IN  
 2 HRS. 8-1/2'/HR. SN RERUN. BIT #2, 12-1/4", STC, F3 (15-15-0)  
 IN @ 68', OUT @ 133', MADE 65' IN 3 HRS. 21.6'/HR. SN RERUN.  
 WOB 10M, RPM 120, 700 psi PMP PR, SPM 60, GPM 305. BHA - BIT  
 SUB, 3 DC's. LENGTH 93.25'. SPUD WELL @ 1:00 A.M. 5-1-84.

05-02-84 533', DRLG, MADE 400'. 24 HR. BREAKDOWN: 1-3/4 HRS. SRVYS;  
 17-1/4 HRS. DRLG; 2-1/4 HRS. REAMING; 2-3/4 HRS. TRIPS. SRVYS:  
 1/4 DEG @ 93', 1/2 DEG @ 243', 1-1/2 DEG @ 399'. MW 8.3+, VIS  
 42. BIT #2, 13-3/4", SECURITY, S3 (15-15-0) IN @ 133', OUT @  
 376', MADE 243' IN 7-1/2 HRS. 32.3'/HR. CONDITION T 5, B 6, G  
 1. SN RERUN. BIT #3, 13-3/4", HTC, OSC3 (15-15-0) IN @ 376',  
 OUT @ 423', MADE 47' IN 1 HR. 47'/HR. CONDITION T 5, B 4, G 0.  
 SN RERUN. BIT #4, 13-3/4", SECURITY, S3, (15-15-0) IN @ 423',  
 MADE 110' IN 3-1/4 HRS. 33.8'/HR. SN RERUN. WOB 20M, RPM 100,  
 1400 psi PMP PR ON PUMPS #1 AND 2, SPM 60, GPM 620. BHA - BIT  
 SUB, 16 - 6-1/4" DCs. LENGTH 490.96'.

05-03-84 870', DRLG, MADE 337'. 24 HR. BREAKDOWN: 6-1/4 HRS. DRLG; 1/2  
 HR. CIRC FOR CSG; 1 HR. TOOH; 2 HRS. RUN CSG; 1 HR. CMTG; 4 HRS.  
 WOC; 3 HRS. CUT OFF AND WELD ON HEAD, TESTED TO 1000#; 4 HRS. NU,  
 TEST RAMCSG AND MANIFOLD TO 1000#; 2 HRS. DRL CMT; 1/4 HR. SRVY.  
 SRVY: 2 DEG @ 555'; 1-1/4 DEG @ 741'. MW 8.3. BIT #4, 13-3/4"  
 SECURITY, S3 (15-15-0) IN @ 423', OUT @ 555', MADE 132' IN 3-3/4  
 HRS. 35.2'/HR. CONDITION T 4, B 4, G 1. SN RERUN. BIT #5,  
 8-3/4", STC, F27 (10-10-0) IN @ 555', MADE 315' IN 5-3/4 HRS.  
 54.7'/HR. SN HJ4007. WOB 30M#, RPM 70, 1700 psi PMP PR, SPM 98.  
 BHA - BIT, BIT SUB, SHOCK TOOLS; 21 - 6-1/4" DCs, 5 JTS. WEIGHT  
 PIPE. LENGTH 801.01'.  
 RAN 14 JTS. 9-5/8", 36#, K-55 CSG, TALLY 554.95', SA 552'. CMTD  
 WITH 500 SXS CLASS "B" WITH 2% CaCl AND 1/4# FLOCELE. CMT CIRC  
 TO SURF.

05-04-84 2519', DRLG, MADE 1649'. 24 HR. BREAKDOWN: 22-3/4 HRS. DRLG;  
 1/4 HR. RIG SERVICE; 1 HR. SURVEYS: 1 DEG @ 1048', 3/4 DEG @  
 1548', 1-3/4 DEG @ 2057'. DRLG W/WTR. BIT #5, 8-3/4", STC, F27  
 (10-10-0) IN @ 555', MADE 1964' IN 28-1/2 HRS. 69'/HR. SN  
 HJ4007. WOB 35M#, RPM 70, 1700 psi PMP PR, SPM 98, GPM 243. BHA  
 - SAME, 801.01'.

05-05-84 3278', DRLG, MADE 759'. 24 HR. BREAKDOWN: 23-1/4 HRS. DRLG; 1/4  
 HR. RIG SERVICE; 1/2 HR. SURVEYS; 1-1/4 DEG @ 2544', 1/2 DEG @  
 3037'. DRLG W/WTR. MW 8.4. BIT #5, 8-3/4", STC, F-27 (10-10-0)  
 IN @ 555', MADE 2723' IN 51-3/4 HRS. 52.6'/HR. SN HJ4007. WOB  
 40M, RPM 70, 1700 psi PMP PR, SPM 98, GPM 243. BHA - SAME,  
 801.01'.

HARPER OIL #2-5 RECAPTURE UNIT CONTRACTOR - COLEMAN RIG #2  
 SPUD NW NE SEC. 5-T37S-R23E SAN JUAN CTY, UTAH PTD 6500'  
 SAFE 30061-24 ISMAY/DESERT CREEK HARPER INT. - 60% WI  
 WHITE MESA PROSPECT N-18

- 05-06-84 3884', PMP LCM, MADE 616'. 24 HR. BREAKDOWN: 22-1/4 HRS. DRLG; 1/4 HR. RIG SERVICE; 1/2 HR. SURVEY; 1 DEG @ 3533'; 1 HR. PUMP LCM. DRLG W/WTR. MW 8.3+. BIT #5, 8-3/4", STC, F-27 (10-10-0) IN @ 555', MADE 3329' IN 74 HRS. 44.9'/HR. SN HJ4007. WOB 40M, RPM 70, 1700 psi PMP PR, SPM 98, GPM 243. BHA - SAME, 801.01'.
- 05-07-84 4400', DRLG, MADE 516'. 24 HR. BREAKDOWN: 19-3/4 HRS. DRLG; 1/4 HR. RIG SERVICE; 3-1/2 HRS. SRVY AND TFB #6, 1/2 HR. WASH AND REAM 30' TO BTM. SRVY: 1 DEG @ 4040'. DRLG W/WTR. MW 8.3. BIT #5, 8-3/4", STC, F-27 (10-10-0) IN @ 555', OUT @ 4040', MADE 3485' IN 80-1/4 HRS. 43'/HR. CONDITION: T 5, B 2, G 1. SN HJ4007. BIT #6, 8-3/4", SECURITY, S86F (10-10-0) IN @ 4040', MADE 360' IN 14 HRS. 25'/HR. SN 187349. WOB 40M, RPM 70, 1700 psi PMP PR, SPM 98, GPM 243. BHA - SAME, 801.01'.
- 05-08-84 4900', TRIP FOR PR LOSS, MADE 500'. 24 HR. BREAKDOWN: 22-1/4 HRS. DRLG; 1/4 HR. RIG SERVICE; 1/2 HR. SRVY; 1 HR. TRIP FOR PR LOSS. SRVY: 1-1/2 DEG @ 4530'. DRLG W/WTR. MW 8.3. BIT #6, 8-3/4", SECURITY, S86F, (10-10-0) IN @ 4040', MADE 860' IN 36-1/4 HRS. 23.7'/HR. SN 187349. WOB 45M, RPM 70. BHA - SAME, 801.01'.
- 05-09-84 5207', DRLG, MADE 307'. 24 HR. BREAKDOWN: 11-1/2 HRS. DRLG; 12 HRS. TRIP FOR PR LOSS AND LARGER JETS; 1/2 HR. WASH AND REAM TO BTM (70'). SRVY: 1-3/4 DEG @ 5007'. DRLG W/WTR. MW 8.3. BIT #6, 8-3/4", SECURITY, S86F, (10-10-0) IN @ 4040', OUT @ 4900', MADE 860' IN 36-1/4 HRS. 23.7'/HR. SN 187349. BIT #7, 8-3/4", STC, F3 (10-10-0) IN @ 4900', OUT @ 5007', MADE 102' IN 3-1/2 HRS. 49.1'/HR. CONDITION: T 2, B 2, G 1. SN RERUN. BIT #8, 8-3/4", STC, F3 (12-12-0) IN @ 5007', MADE 200' IN 8 HRS. 25'/HR. SN RERUN. WOB 40M, RPM 70, PMP #2 1450 psi, SPM 55. BHA - BIT, JUNK BASKET, SHOCK SUB, 21 DCs, 5 JTS WP. LENGTH 803.06'.
- 05-10-84 5665', DRLG, MADE 458'. 24 HR. BREAKDOWN: 23 HRS. DRLG; 1/2 HR. SRVY; 1/2 HR. WORK ON AIR LINES. SRVY: 1-1/2 DEG @ 5501'. DRLG W/WTR. MW 8.3. BIT #8, 8-3/4", STC, F3 (10-10-0) IN @ 5007', MADE 658' IN 30-3/4 HRS. 21.3'/HR. SN RERUN. WOB 45M, RPM 70, 1450 psi PMP PR, SPM 55. BHA - SAME, 802.06'.
- 05-11-84 5930', DRLG, MADE 265'. 24 HR. BREAKDOWN: 15-1/4 HRS. DRLG; 1/4 HR. RIG SERVICE; 4-1/4 HRS. TRIP FOR HOLE IN DP; 4-1/4 HRS. WORK ON PUMP. MW 8.7, VIS 31, WL N/C, PH 9, FC 2/32, CL 500, CA 80, PV 5, YP 1, GEL -, Snd TR, SOL 2%. BIT #8, 8-3/4", STC, F3 (12-13-0) IN @ 5007', MADE 923' IN 50-1/4 HRS. 18.3'/HR. SN RERUN. WOB 45M#, RPM 65, 1450 psi PMP PR, SPM 55, GPM 277. BHA - SAME, 803.06'. 5846-58' 4 UNITS - 41 UNITS BGG; 5892-94' 4 UNITS TO 24 UNITS BGG.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR HARPER OIL COMPANY, Successor by Merger to  
Buckhorn Petroleum Company

3. ADDRESS OF OPERATOR P.O. Box 5928 T A, Denver, CO 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 578' FNL & 1924' FEL  
At top prod. interval reported below Same  
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO. U-30121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Recapture Unit

9. WELL NO. 2-5

10. FIELD AND POOL, OR WILDCAT Wildcat/Ismay

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 5 T37S R23E

12. COUNTY OR PARISH San Juan

13. STATE Utah

14. PERMIT NO. 43-037-31003

DATE ISSUED 4-17-84

15. DATE SPUDDED 5-1-84

16. DATE T.D. REACHED 5-18-84

17. DATE COMPL. (Ready to prod.) 5-19-84  
P&A - Dry Hole

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5830' KB

19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 6643'

21. PLUG, BACK T.D., MD & TVD N/A

22. IF MULTIPLE COMPL., HOW MANY\* N/A

23. INTERVALS DRILLED BY →

ROTARY TOOLS 0' - 6643'

CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* N/A

25. WAS DIRECTIONAL SURVEY MADE Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN Dipmeter, GR, DIL, LD-CNL, Sonic w/GR

27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# K-55 ST&C	552'	12-1/4"	500 sx C1 "B" + Additives	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number) N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

33.\* PRODUCTION

DATE FIRST PRODUCTION N/A

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) N/A

WELL STATUS (Producing or shut-in) P & A'd

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

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

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

TEST WITNESSED BY N/A

35. LIST OF ATTACHMENTS

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

SIGNED A. Nash, Jr. TITLE Manager - Operations DATE May 21, 1984

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Core #1 6220' - 6266' 5-13-84 (Limestone, shale anhydrite limestone)
			Core #2 6409' - 6419' 5-14-84 (Black paper clip shale)
			5-16-84 DST #1 6310' - 6419'
			IHP 3074 FFP 160-160
			IFP 133-133 FHP 3074
			ISIP 240
			FSIP 320 BHT 128 degrees F

38.

## GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Basal Chinle	2955'		
DeChelly	3230'		
Cutler	3305'		
Honaker Trail	5035'		
Ismay	6248'		
Desert Creek	6507'		
Chimney Rock	6578'		
Akah	6602'		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other Dry Hole

2. NAME OF OPERATOR HARPER OIL COMPANY, Successor by Merger to Buckhorn Petroleum Company

3. ADDRESS OF OPERATOR  
P.O. Box 5928 T.A., Denver, CO 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 578' FNL & 1924' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) Report of P & A		

5. LEASE  
U-30121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Recapture Unit

9. WELL NO.  
#2-5

10. FIELD OR WILDCAT NAME  
Wildcat/Tsmay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 5 T37S R23E

12. COUNTY OR PARISH San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5830' KB

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was plugged on 5-19-84 after verbal orders to plug were received by Doug Bruner from Bob Graff of the Moab B.L.M. office.

6200' - 6555' - 135 sx C1 "B" cement  
5800' - 5900' - 50 sx cement  
2170' - 2270' - 60 sx cement  
452' - 652' - 85 sx cement  
50' - 120' - 25 sx cement

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

DATE 2/26/85  
BY John R. Berra

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED A. Nash, Jr. TITLE Manager-Operations DATE May 21, 1984

(This space for Federal or State office use)

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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 12, 1985

Harper Oil Company  
P O Box 5928 TA  
Denver, Colorado 80217

Gentlemen:

Re: Well No. Recapture Unit #2-5 - Sec. 5, T. 27S., R. 23E  
San Juan County, Utah - API #43-047-31003

According to our records a "Well Completion Report" filed with this office May 21, 1984 on the above referred to well indicates the following electric logs were run: Dipmeter, GR, DIL, LD-CNL, and Sonic w/GR. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than April 12, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam M. Kenna".

Pam M. Kenna  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0123S/4