

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

8-31-79 - Location abandoned, well never drilled

DATE FILED 5-3-78

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-38359

INDIAN

DRILLING APPROVED: 5-4-78

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 8-31-79 Location abandoned

FIELD: Disco Dome 3/86 Trustee Cisco

UNIT:

COUNTY: Grand

WELL NO. Cisco-Federal #1

APT. NO: 43-019-30437

LOCATION 2020' FT. FROM (N) ~~OX~~ LINE, 1974' FT. FROM ~~OX~~ (W) LINE. SE NW $\frac{1}{4}$ - $\frac{1}{4}$ SEC. 10

TWP.	RGE.	SEC.	OPERATOR
------	------	------	----------

TWP.	RGE.	SEC.	OPERATOR
------	------	------	----------

20S 21E 10 DYCO PETROLEUM CORP, Co

8-1-79 Location abandoned,
well never drilled

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Well Completed
SW..... WW..... TA.....
GW..... OS..... EA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
..... Others.....

104-90
JER

6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

U-38359

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Cisco-Federal

9. Well No.

1

10. Field and Pool, or Wildcat

Cisco Dome

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

Sec. 10-T20S-R21E

12. County or Parrish 13. State

Grand County, Utah

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

DYCO PETROLEUM CORPORATION

3. Address of Operator

420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

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

At surface

1974' FWL & 2020' FNL

At proposed prod. zone

N/A

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

18.6 N-NW of Cisco, Utah

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

1974'

16. No. of acres in lease

120

17. No. of acres assigned to this well

40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

1360' SE

19. Proposed depth

3800'

20. Rotary or cable tools

Rotary

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

5372' GL

22. Approx. date work will start*

July 30, 1978

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#	350	To Surface
7 7/8"	4 1/2"	10.5#	3800'	Across pay

This well is on Federal lease, see attached plans for drilling and completing.



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: Charles L. Simons Title: Area Engineer Date: 4-25-78

(This space for Federal or State office use)

Permit No. 43-00-30437 Approval Date

Approved by..... Title..... Date.....
Conditions of approval, if any:

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
 DYCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
 420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1974' FWL 2020' FNL
 At proposed prod. zone
 N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18.6 N-NW of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drilg. unit line, if any)
 1974'

16. NO. OF ACRES IN LEASE
 120

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1360 SE

19. PROPOSED DEPTH
 3800

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5372 Ground

22. APPROX. DATE WORK WILL START*
 July 30, 1978

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1. Drill 12 1/4" hole to 350', set 8-5/8" csg, cement to surface.
2. Drill 7-7/8" hole to approximately 3800'.
3. Run 4 1/2" csg if productive.
4. P&A per U.S.G.S. instructions if dry hole.

See attached "Surface Use and Operational Plans" for details

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 Charles L. Simons TITLE Area Engineer DATE 4-25-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

U-38359

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPE~~N~~

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

7. Unit Agreement Name

8. Farm or Lease Name

Cisco-Federal

9. Well No.

1

10. Field and Pool, or Wildcat

Cisco Dome

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

Sec. 10-T20S-R21E

12. County or Parrish 13. State

Grand County, Utah

2. Name of Operator

DYCO PETROLEUM CORPORATION

3. Address of Operator

420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

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

At surface

1974' FWL & 2020' FNL

At proposed prod. zone

N/A

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

18.6 N-NW of Cisco, Utah

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

1974'

16. No. of acres in lease

120

17. No. of acres assigned to this well

40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

1360' SE

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3800'

20. Rotary or cable tools

Rotary

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

5372' GL

22. Approx. date work will start*

July 30, 1978

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24.

Signed

Charles L. Simon

Title

Area Engineer

Date

4-25-78

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR DYCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR 420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1974' FWL 2020' FNL At proposed prod. zone N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18.6 N-NW of Cisco, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1974'

16. NO. OF ACRES IN LEASE 120

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1360 SE

19. PROPOSED DEPTH 3800

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5372 Ground

22. APPROX. DATE WORK WILL START* July 30, 1978

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes rows for 12 1/4" hole and 7-7/8" hole.

- 1. Drill 12 1/4" hole to 350', set 8-5/8" csg, cement to surface.
2. Drill 7-7/8" hole to approximately 3800'.
3. Run 4 1/2" csg if productive.
4. P&A per U. S. G. S. instructions if dry hole.

See attached "Surface Use and Operational Plans" for details

GEOLOGICAL SURVEY

MAY 1 - 1978

SALT LAKE CITY, UTAH MINERAL EVALUATION

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.

SIGNED Charles L. Simon Area Engineer DATE 4-25-78

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY:

m. e.

*See Instructions On Reverse Side

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

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 DYCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
 420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

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 At surface
 1974' FWL 2020' FNL
 At proposed prod. zone
 N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18.6 N-NW of Cisco, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1974'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1360 SE

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5372 Ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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24. SIGNED Charles L. Simons TITLE Area Engineer DATE 4-25-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 U-38359 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Cisco - Federal ✓

9. WELL NO.
 1 ✓

10. FIELD AND POOL, OR WILDCAT
 CISCO DOME ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 10 T20S R21E ✓

12. COUNTY OR PARISH
 Grand ✓

13. STATE
 Utah

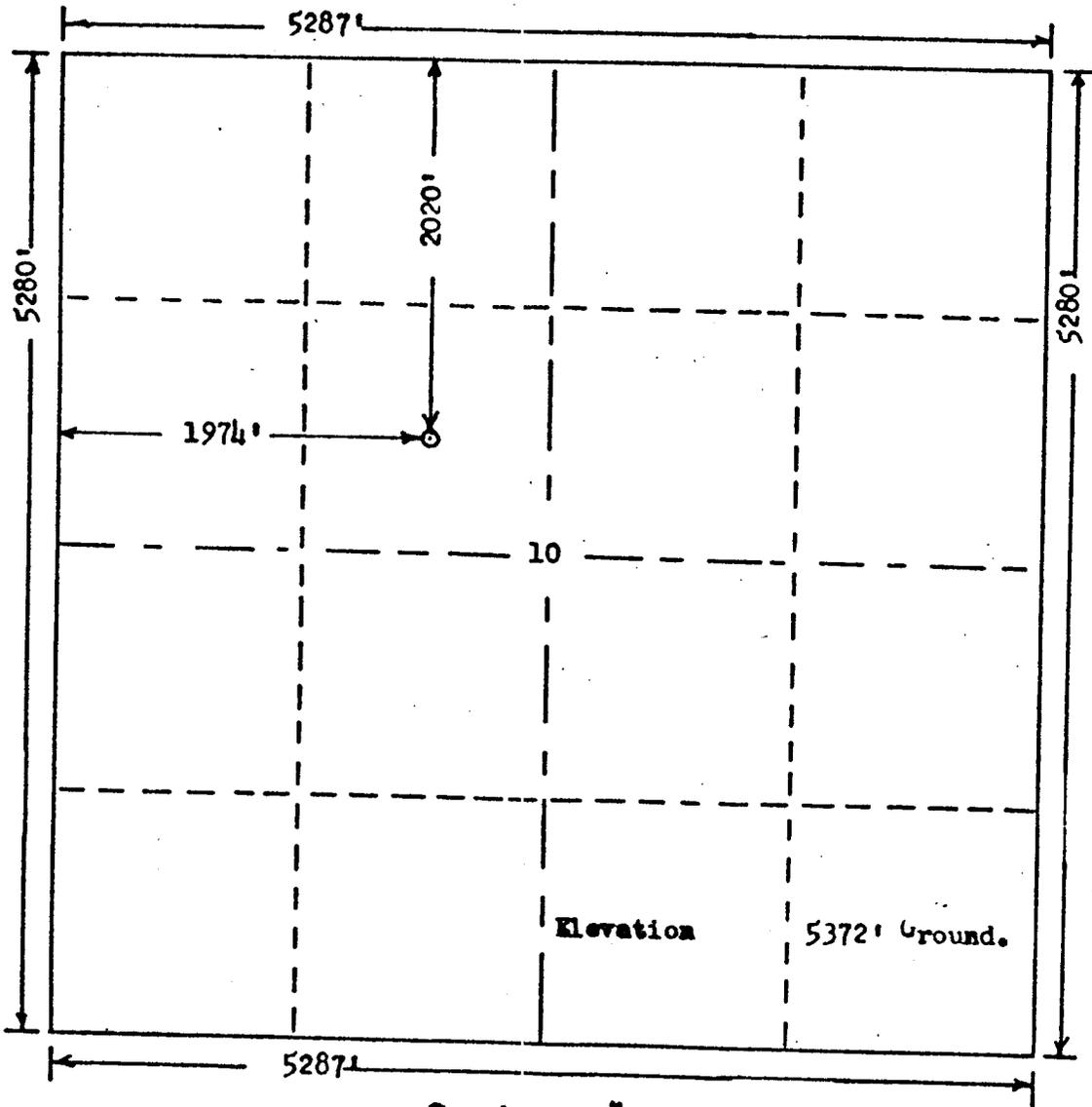
17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 ✓

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 July 30, 1978



R. 21 E.



T. 20 S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from Jackie for Dyce Petroleum Corporation determined the location of #1 Cisco to be 2020' FW & 1974' FW Section 10 Township 20 S. Range 21 E. of the Salt Lake Principal Meridian Grand County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of #1 Cisco

Date: 3-15-78

T. Wilson
 Licensed Land Surveyor No. 2711
 State of Utah

E. H. H. T

FROM: District Geologist, Salt Lake City, Utah

TO: District Engineer, Salt Lake City, Utah

Lease No. 4-38359

SUBJECT: APD supplemental stipulations

Operator: Dyco Petroleum Corporation Location:

Dyco Petroleum Corporation

SE 1/4 NW 1/4 sec. 10 T. 20S, R. 21E

Well: 1

Grand Co., Utah

1. Operator picked tops are adequate? Yes , No . If not: The following are estimated tops of important geologic markers:

Formation	Depth	Formation	Depth
-----------	-------	-----------	-------

2. Fresh water aquifers likely to be present below surface casing? Yes , No . If yes: Surface casing program may require adjustment for protection of fresh water aquifers to a depth of approximately _____ feet in the _____ Formation.

Thin lenticular sandstones in the Mancos Shale may contain useable (?) water at depths of less than 500'

3. Does operator note all prospectively valuable oil and gas horizons? Yes , No . If not: The following additional horizons will be adequately logged for hydrocarbons:

Unit	Depth	Unit	Depth
------	-------	------	-------

4. Any other leasable minerals present? Yes , No . If yes: 1. Logs (_____)*) will be run through the _____** at approximate depths of _____ to _____ feet to adequately locate and identify anticipated _____ beds. 2. Logs (_____)*) will be run through the _____** at approximate depths of _____ to _____ feet to adequately locate and identify anticipated _____ beds. 3. Logs (_____)*) will be run through the _____** at approximate depths of _____ to _____ feet to adequately locate and identify anticipated _____ beds.

5. Any potential problems that should be brought to operators attention (e.g. abnormal temperature, pressure, incompetent beds, H₂S)? Yes , No . If yes, what?

6. References and remarks: *Water Report # 83*

* From 10 pt or others as necessary. ** Members, Formations.

Date: 5/18/78

Signed: Candace C Clark

DRILLING PLAN

1. SURFACE FORMATION

A. Mancos

2. GEOLOGICAL TOPS

A. Dakota	3200	oil
B. Cedar Mountain	3300	oil or gas
C. Morrison	3400	gas
D. Salt Wash	3600	gas
E. TD	3300	

3. DEPTHS OF ANTICIPATED OIL, WATER OR GAS

A. See above

4. CASING PROGRAM

- A. Surface: set 350' 8-5/8" 24# K-55 ST&C new casing & cement to surface with 250 sks Class "G".
- B. Production: set 4 1/2" 10.5# K-55 ST&C @ TD. Cement across pay zones.

5. PRESSURES CONTROL EQUIPMENT

- A. Double ram 10" - 900 Series B.O.P. w/2" kill line, and 2" manifold to pit & mud tanks.
- B. B.O.P. to be tested to 1000 psi prior to drilling out shoe jt, then pipe rams operational tested daily, blind rams to be operational tested on trips. B.O.P. stack & manifold to be visually inspected daily.
See Attachment.

6. DRILLING FLUID PROGRAM

- A. 0 - 350 - water, with gel & lime if necessary.
- B. 350 - TD - chemical gel mud to top Dakota: 8.7 - 8.9 wt, 34 - 38 vis, 20 cc water loss. On top Dakota increases vis to 38 - 44, lower water loss to 10 - 15 cc to drill to TD.
Lost circulation material to be on location.

7. AUXILIARY EQUIPMENT

- A. Upper Kelly Cock
- B. Float @ bit
- C. Mud system will be visually monitored
- D. Stabbing valve on floor
- E. Hole to be kept full on trips

8. EVALUATION PROGRAM

- A. Cores - None planned
- B. DST - Across Dakota if deemed advisable
- C. Logs - Dual Induction TD - base surface
CNL - Density TD - base surface
Sonic TD - base surface

9. HAZARDS

No abnormal pressures or temperatures are anticipated in this area.
No H₂S is anticipated. Possible lost circulation if mud weight gets too high, will have lost circulation material on location.

10. DATES

No definite date on rig availability at moment. Estimate will start first part of July. Drilling operation should take about 10 days. If completion rig is available immediately after drilling, 5 days for rig move, location cleanup, and move in completion rig. Completion time estimated at 15 days, additional 15 days to set production equipment.

Oil and Gas Drilling

EA No. 1050

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-38359

Operator Dyco Petroleum Corp.

Well No. 1

Location 1974' FWL 2020' FNL Sec. 10

T. 20S R. 21E

County Grand State Utah

Field Cisco Dome

Status: Surface Ownership Public

Minerals Public

Joint Field Inspection Date May 17, 1978

Participants and Organizations:

Jim Desjarlais

Operator

Rocky Curnutt

BLM

John Evans

USGS

Related Environmental Analyses and References:

- (1) Grand Area Oil & Gas EAR, BLM, Utah
- (2) Book Mountain Unit Resource Analysis, BLM, Utah

NOTED [unclear] [unclear]

[Handwritten signature]

Analysis Prepared by:

John T. Evans
Environmental Scientist
Salt Lake City, Utah

Date June 16, 1978

Proposed Action:

On April 28, 1978, Dyco Petroleum Company filed an Application for Permit to Drill the No. 1 exploratory well, a 3800 foot oil and gas test of the Dakota, Cedar Mountain, Morrison, and Salt Wash Formations; located at an elevation of 5372 ft. in the SE/4 NW/4 Sec. 10, T.20S., R.21E. on Federal mineral lands and Public surface; lease No. U-38359. There was no objection raised to the wellsite. As an objection was raised to the access, road, it was changed.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the BLM, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 125 ft. wide x 200 ft. and a reserve pit 50 ft. x 75 ft. A new access road will be constructed 18 ft. wide x 0.5 miles long and upgrade 18 ft. wide by 2 miles access road from an existing and improved road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

If production is established, plans for a flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is July and duration of drilling activities would be about 25 days.

Location and Natural Setting:

The proposed drillsite is approximately 6 miles NNW of Cisco, Utah, the nearest town. A fair road runs to within 0.5 miles of the loca-

tion. This well is in the Cisco field.

Topography:

The proposed location is in a wash bottom. The east side of the location is confined by a deep wash. The west and north sides of the location are confined by steep slopes of Mancos shale. The general area is laced with numerous canyons which are steep and have ledges formed in sandstones.

Geology:

The surface geology is Mancos. The soil is shaley, silty sands. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. Water may be found in Mancos Formation.

Approval of the proposed action would be conditioned that adequate and sufficient electric, radioactive, density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah. The

operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinion, juniper association is also present, although sparse.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area, would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area.

If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced. Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 6 to 8" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 6".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are occasional. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The proposed location drains directly into Calf Canyon Wash, which drains to the Colorado River. The drill pad will not disturb the existing channel and a minimum of 20' of undisturbed soil will remain between the existing drainage and any surface disturbing activities. Protective berms are necessary for any production tanks on the location.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems, such as water bars and dikes, would be installed to minimize the problem.

The proposed project should have minor impact on the surface water systems.

The potentials of pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Subsurface Protection plan.

There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit on the project area. The fauna of the area consists predominately of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance has been made by J.R. ^{Hawek} ~~Hawek~~ of the proposed action. Appropriate clearances have been obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted light sand color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be

infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County. But should this well discover a significant new hydrocarbon source, local, state and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

Land is used for recreation and livestock grazing. The area is in a deer winter range which will restrict operations under the terms of the lease. There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit (06-01). This Environmental Assessment REcord was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E A.R. is on file in the agency's State offices and is indorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be burned or buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1. Not approving the proposed permit--the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Production tanks will require a protective berm to contain spills and leaks. The access route will begin approximately 100' south of Union

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The following information was obtained from the records of the...
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Well #3 and will cross Calf Canyon Wash near this point. No culvert will be permitted in the wash due to daming effect under flash flood events.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the Calf Canyon Wash would exist through leaks and spills.

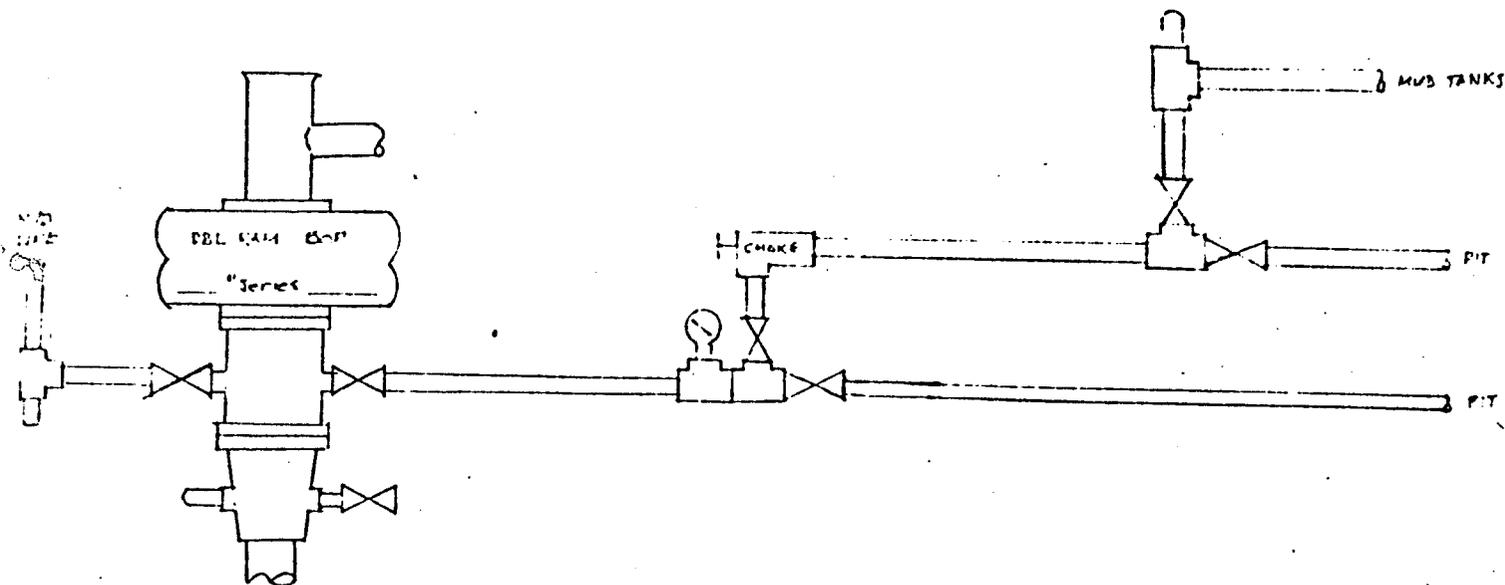
Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, sec. 102(2)(c).



ACTING District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

Typical Minimum BOP Specs



Auxiliary Equipment and Notes

1. All lines and valves to be minimum 2"/3000 psi WP.
2. All bolts to be installed and tight.
3. All crew members to be trained in and familiar with BOP equipment, accumulators, and procedures.
4. Hole to be kept full at all times.
- ~~5. _____ to be on the floor at all times.~~
6. An inside BOP to be on the floor at all times.
7. An upper kelly-cock to be used at all times.
8. (a) After nipping up, preventers will be pressure tested at 1000 psi for 15 minutes before drilling out.
(b) BOP will be inspected and operated at least daily to insure good working order.
(c) All pressure and operating tests will be recorded on daily drilling report.

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY A. P. D.

1. EXISTING ROADS - a legible map showing:

- A. Proposed well site as staked.
(The proposed well site and elevation plat is shown)
See survey plat attached - Exhibit I

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

The nearest town is Cisco, Utah. From Cisco, Utah #128 southwest 3.6 miles to Windy Mesa Road N.W. under I-70, 11.9 miles to a gate at corrals, thence 1.2 miles to a right turn and through another gate, thence 0.5 mile on the trail to a fork, thence left 1.5 miles to well 11-1 Union Government, where proposed roadway will continue approximately 0.4 mile to site.

- C. Access road (s) to location color-coded or labeled.

See Access Road Map Attached - Exhibit II, page 1, 2, & 3

Red - Oil

Green - Gravel

Yellow - Trail

Orange - New Road

- D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.)

N/A

- E. If development well, all existing roads within a 1-mile radius of well site.

See Access Road Map Attached - Exhibit II, page 1

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

No improvements are anticipated for the existing road.

Maintenance will be done as needed, to insure safe traffic to drilling site.

2. PLANNED ACCESS ROADS

Map showing all necessary access roads to be constructed or reconstructed, showing: Exhibit II, page 1, orange

- (1) Width: Roads will be 18 feet to allow two way traffic to location.
- (2) Maximum grade: Average grade will be 3%, but maximum grade will not exceed 8%.
- (3) Turnouts: No new turnouts are anticipated on existing roadways, or to new location.
- (4) Drainage design: Water bars will be provided on the new road to guarantee drainage off location and to conform to natural drainage.
- (5) Location and size of culverts and brief description of any major cuts and fills:

One 24" C.M.P. in Calf Canyon Draw of drill hole in Sec. 10 T20S R21E. See Access Road Map for location.
- (6) Surfacing materials:

Surfacing materials will be of native soil on site.
- (7) Necessary gates, cattleguards, or fence cuts:

No gates, cattleguards or fence cuts are needed.
- (8) (New or reconstructed roads are to be center-line flagged at time of location staking.)

The new roadway has been center-line flagged and is approximately four-tenths of a mile.

3. LOCATION OF EXISTING WELLS

Two mile radius map if exploratory, or one mile radius map if development well, showing and identifying existing:

(1) Water wells:

It is believed a water well is in the NW SW of Sec. 15 T20S R21E, shown as the Cunningham Ranch on Access Road Map.

(2) Abandoned wells: See Exhibit III

(3) Temporary abandoned wells: See Exhibit III

(4) Disposal wells: None

(5) Drilling wells: See Exhibit III, (none at present)

(6) Producing wells: See Exhibit III

(7) Shut-in wells: See Exhibit III

(8) Injection wells: None

(9) Monitoring or observation wells for other uses: None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Within one mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1) Tank batteries: None

(2) Production facilities: None

EXHIBIT "D" Cont.

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

B. If new facilities are contemplated, in the event of production show:

(1) Proposed location and attendant lines by flagging it off of well pad:

All facilities shall be on site and all flow lines will be buried. See Exhibit IV or alternative, if #2 is productive tank battery will be located on No. 2, with flowline from #3 to #2.

(2) Dimensions of facilities:

The pad will be 200 feet by 125 feet. Reserve pit is 50' x 50' x 75'. Production sump will be 40' x 40' fenced.

(3) Construction methods and materials:

All construction materials for the site will be from on site sources. No additional materials are anticipated from off site sources.

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

Reserve pit to be fenced on 3 sides while drilling, and on fourth side when rig moves out. Production sump will be fenced. Any pit w/oil on will be flagged.

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

See Item No. 10

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Show location and type of water supply either on map or by written description:
Well water is available on the Cunningham Ranch as shown on the Access Road Map. Tentative water supply is Cunningham Ranch. If change is necessary - an amendment will be filed.
- B. State method of transporting water, and show any roads or pipelines needed:
Hauled over road by truck, see Exhibit V.
- C. If water well is to be drilled on lease, so state. (No A. P. D. for water well necessary, however, unless it will penetrate potential hydrocarbon horizons.)
No water well will be drilled.

6. SOURCE OF CONSTRUCTION METHODS

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

Construction of drilling pad and roads will be from soil in place. In the event of production surfacing materials will be purchased from a commercial vendor in the area.

7. METHODS FOR HANDLING WASTE DISPOSAL

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

- (1) Cuttings: to be contained in reserve pit.
- (2) Drilling fluids: to be contained in reserve pit.
- (3) Produced fluids (oil, water): produced oil will be contained in a test tank. Water will be drained in reserve pit, during completion. Disposal of produced water will depend on the amount of water produced and salinity as set forth in NTL-2B.

EXHIBIT "D" Cont.

- (4) Sewage: in sanitary pit as provided for toilet.
- (5) Garbage and other waste material (trash pits should be fenced with small mesh wire to prevent wind scattering trash before being burned or buried.): In burn pit.
- (6) Statement regarding proper cleanup of well site area when rig moves out:

The location will be kept free of trash during all operations, and will be burned, buried, or hauled away.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required, and construction methods. (Camp center and airstrip center lines staked on the ground.) None

9. WELL SITE LAYOUT

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

- (1) Cross section of drill pad with cuts and fills:

See attached drawing -- see Exhibit VI

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

See Exhibit VI & VII

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

See Exhibit VII

- (4) Statement as to whether pits are to be lined or unlined:
(Approval as used in this section means field approval of location. All necessary staking facilities may be done at time of field inspection. A registered surveyor is not mandatory for such operations.)

Pits will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

State restoration program upon completion of operations, including:

- (1) Backfilling, leveling, contouring, and waste disposal; segregation of spoils materials as needed:

Drill site will be backfilled and leveled as soon as possible after the drilling and completion rigs are moved out. All unused areas will be restored. Waste material will be buried.

- (2) Revegetation and rehabilitation - including access roads (normally per BLM recommendations)

Top soil will be spread over unused areas, and reseeded per U. S. G. S specs.

- (3) Prior to rig release, pit will be fenced and so maintained until cleanup:

Reserve pits will be fenced on 3 sides during drilling and on fourth side when rig moves out.

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

Flagging will be installed if any oil is left on pits.

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

Rehabilitation will commence as soon as possible. If wells are drilled during summer, all efforts will be made to cleanup and reseed prior to winter.

11. OTHER INFORMATION

General description:

- (1) Topography; soil characteristics, geologic features, flora and fauna: on site has a gentle slope and the soils are generally a sandy loam, weathered sandstone and shale. No distinguishing geologic features exist. The vegetation is primarily dispersed sagebrush. There are signs of deer and rabbits at the location.

EXHIBIT "D" Cont.

- (2) Other surface-use activities and surface ownership of all involved lands:
The current surface uses are grazing of cattle and horses and gas field.
- (3) Proximity of water, occupied dwellings, archeological, historical, or cultural sites:
The only running water is in Nash Wash above Cunningham Ranch and they use all water for irrigation of hay fields. There is immediately east an intermittent stream in Calf Canyon. The only occupied dwellings are at Cunningham Ranch $1\frac{1}{4}$ miles outh. No historical, archeological or cultural sites were observed. (See attached archeological clearnace.)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Include the name, address, and phone number of the lessee's or operator's field representative whi is responsible for assuring compliance with the approved surface use and operations plan.

- (1) Mr. Roy Reeves
Suite 420, NBT Bldg.
320 S. Boston
Tulsa, Oklahoma 74103
Office: 918-587-2181
Home: 918-743-8630
- (2) Mr. Charles Simons
Suite 420, NBT Bldg.
320 S. Boston
Tulsa, Oklahoma 74103
Home: 918-371-5819
Office: 918-587-2181
- (3) Mr. John Pulley
Flint Engineering & Construction Co.
324 Petroleum Bldg.
Billings, MT 59101
Office: 406-245-4179
Home: 406-259-6156

13. CERTIFICATION

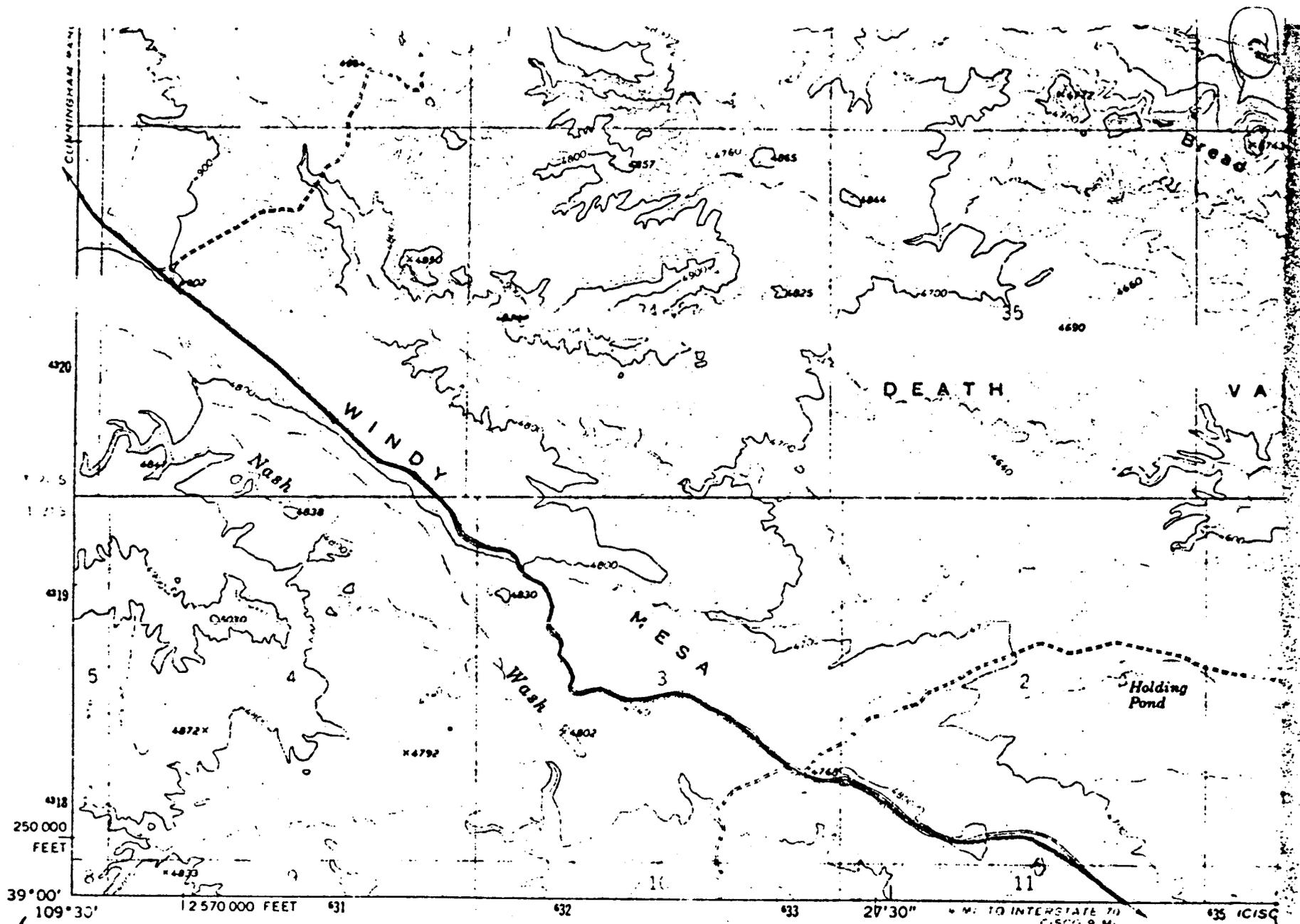
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated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

April 25, 1978

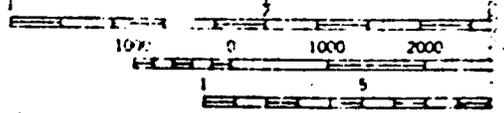
DATE

Charles L. Simons

DYCO PETROLEUM CORPORATION



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1969. Field checked 1970
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Utah coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue



CONTOUR IN
 DATUM IS F

THOMPSON 1:62,500
 5001 1:62,500

0°59' 17 MILS
 15° 26.7 MILS

SCALE

109° 30' 27' 30' 35' (ICIS)

1/2 MI. TO INTERSTATE 70
 1/2 MI. TO INTERSTATE 89

39° 00'
 250 000
 FEET

12 570 000 FEET

27° 30'

35' (ICIS)

DEATH VALLEY

WINDY

MESA

Nash Wash

Wash

Holding Pond

2

420

419

418

109° 30'

31

32

33

35' (ICIS)

420

419

418

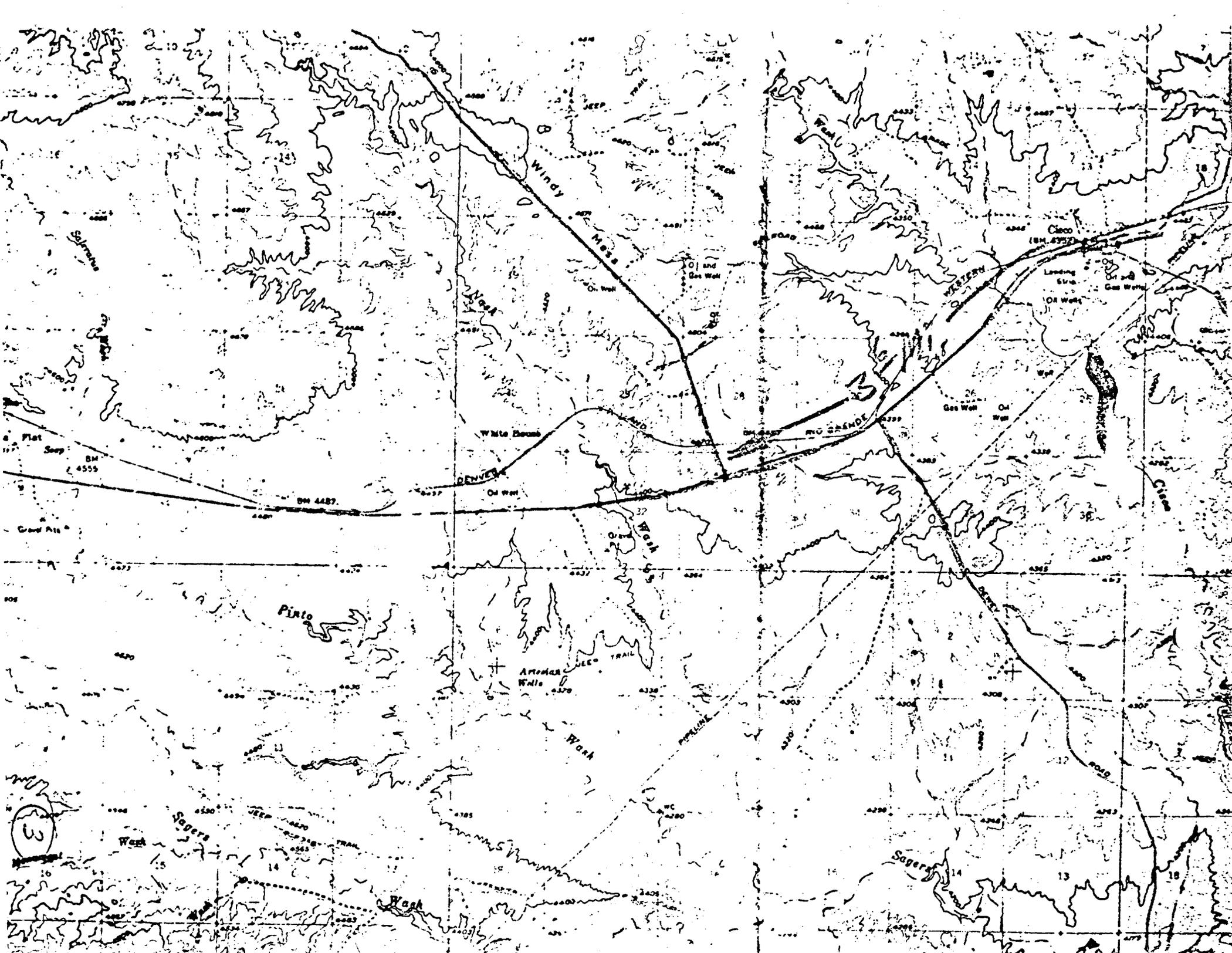
109° 30'

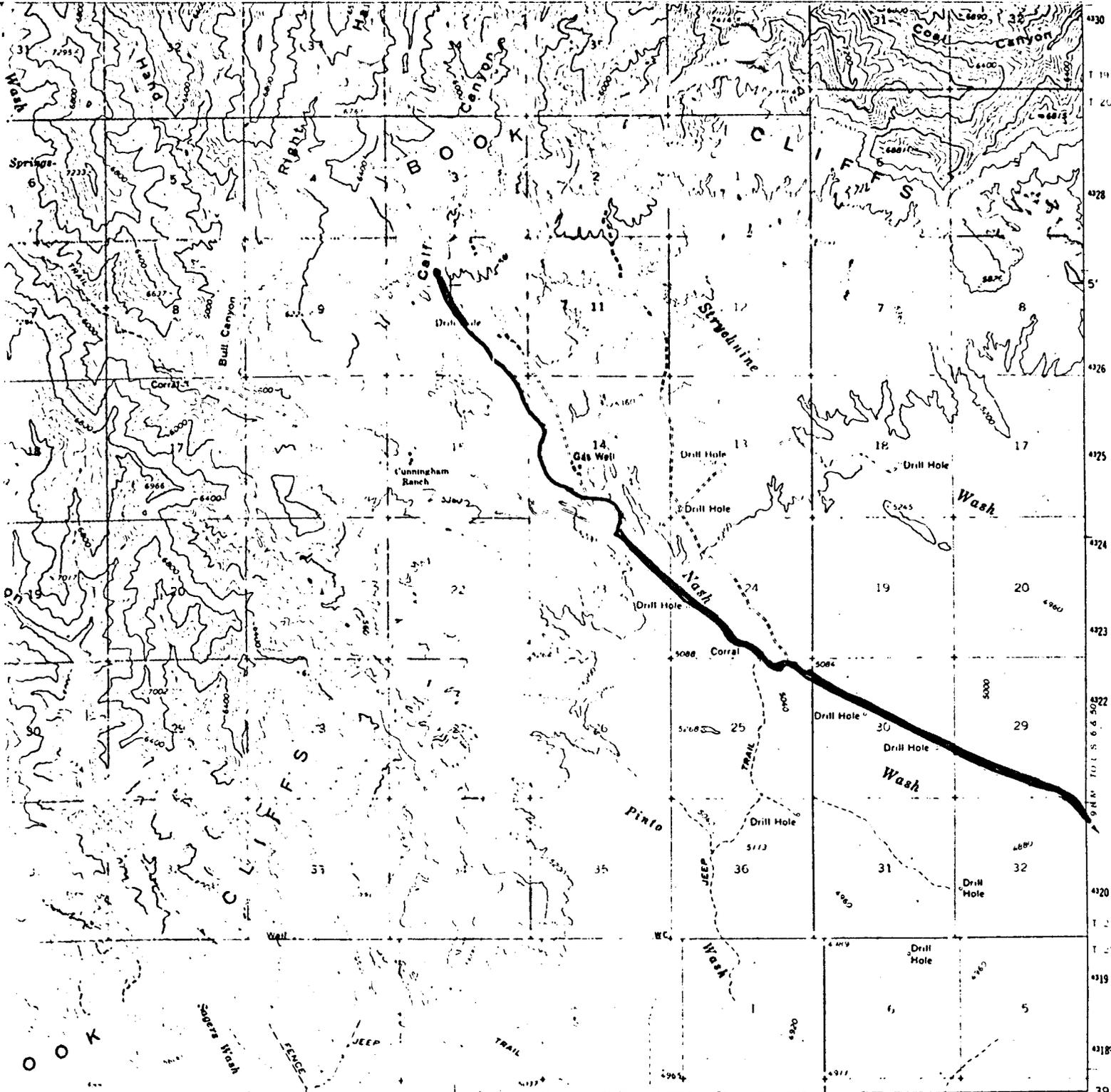
31

32

33

35' (ICIS)



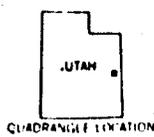


(THOMPSON)
4061 I
SCALE 1:62,500

INTERIOR-GEOLOGICAL SURVEY WASHINGTON D. C. - 1989-7
R 21 E R 22 E 928000 E 39° 30'

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
PUBLISHED TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



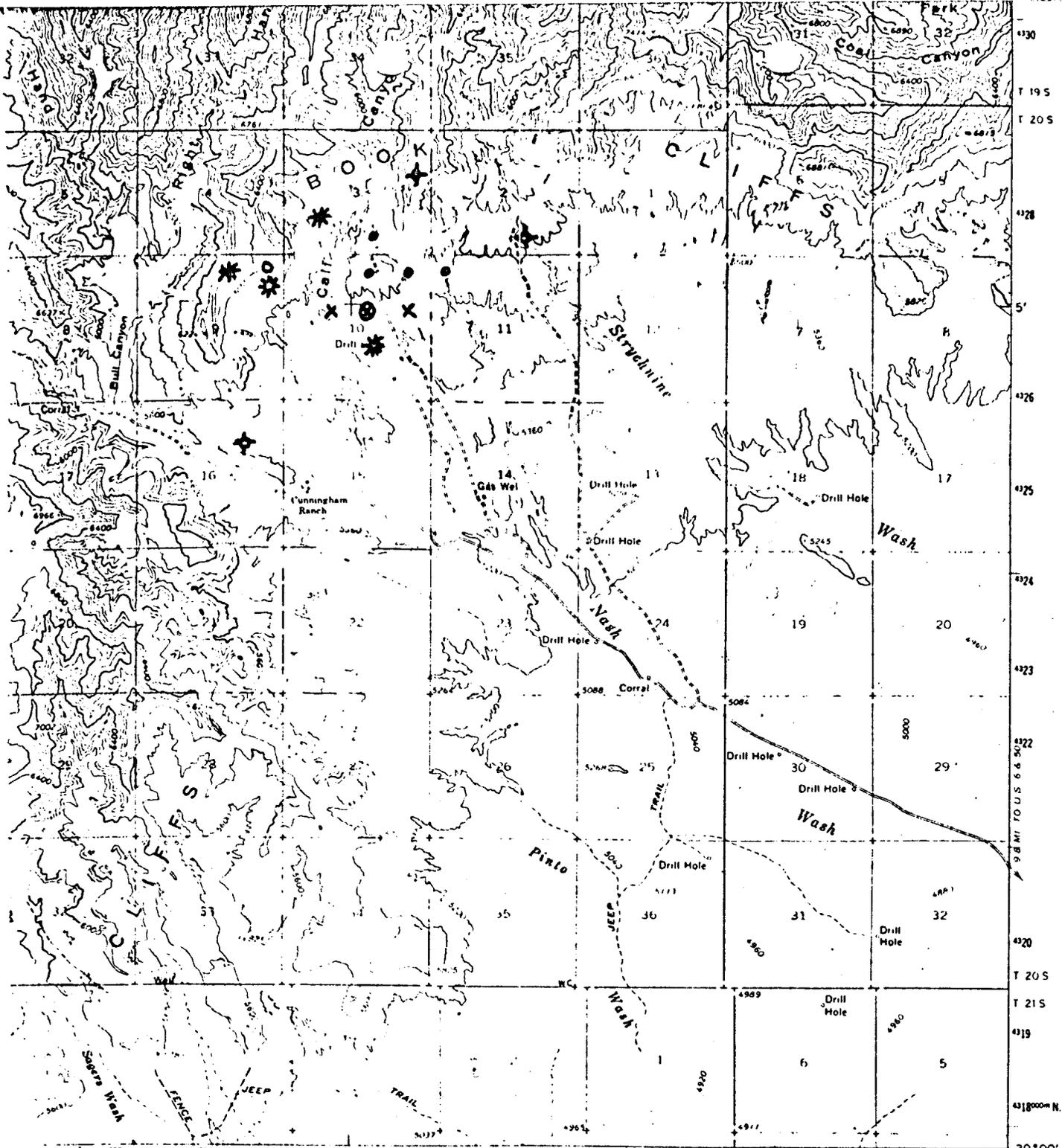
ROAD CLASSIFICATION
 Light duty ———— Unimproved dirt - - - - -
 ○ State Route

SEGOO CANYON, UTAH
N 3900—W 10930/15

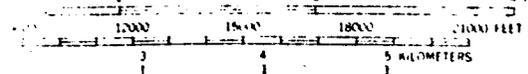
1963

AMS 4062 II—SERIES V797

Exhibit II
Page 1



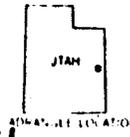
OMPSONI
 061 1
 62500



INTERVAL 80 FEET
 100 FEET CONTOURS
 1000 FEET
 1500 FEET
 1800 FEET
 2100 FEET

CONAL MAP ACCURACY STANDARDS
 COVER 25, COLORADO OR WASHINGTON 25, D. C.
 AND SYMBOLS IS AVAILABLE ON REQUEST

- Location
- oil well
- * Gas well
- * Abandoned Gas well
- ✕ dry hole
- x Dyco Locations.
- ⊙ Location noted in Application.



ROAD CLASSIFICATION

- Light-duty
- Unimproved dirt
- State Route

SEGO CANYON, UTAH
 N3900—W10930/15

1963

AMS 4062 II—SERIES V797

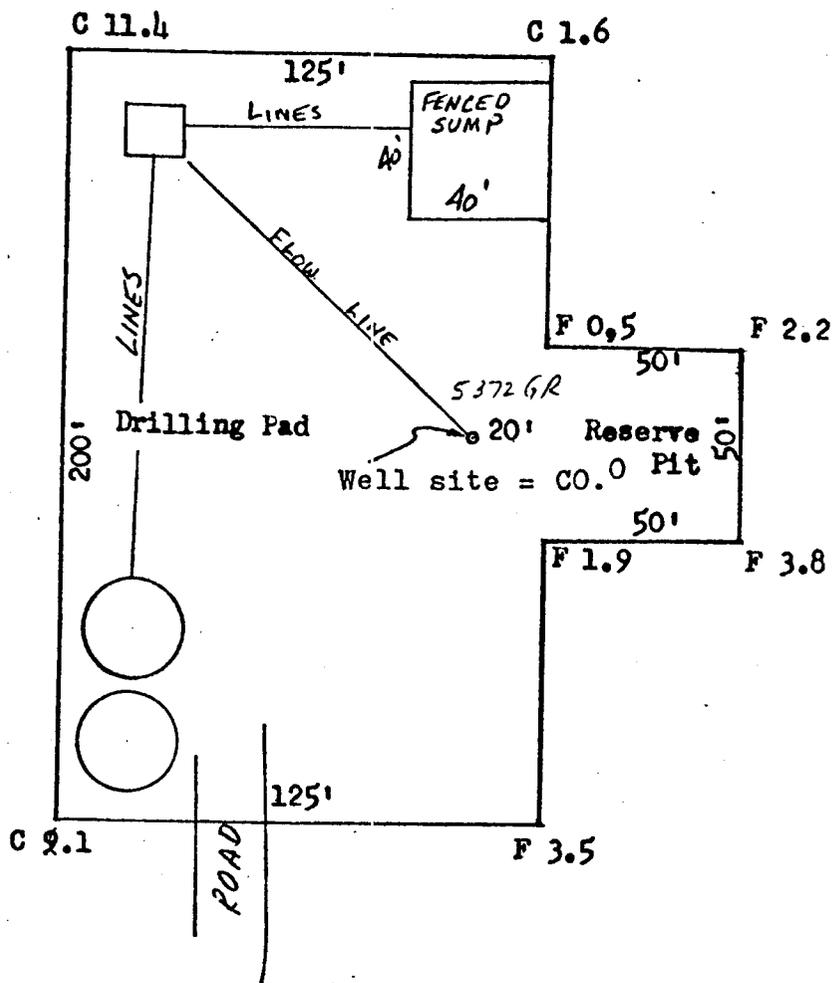
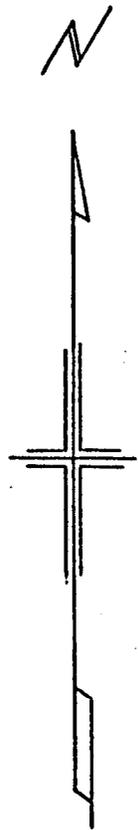
Exhibit III

Beef

ICISCO
 4161 N

TOPOGRAPHIC MAP

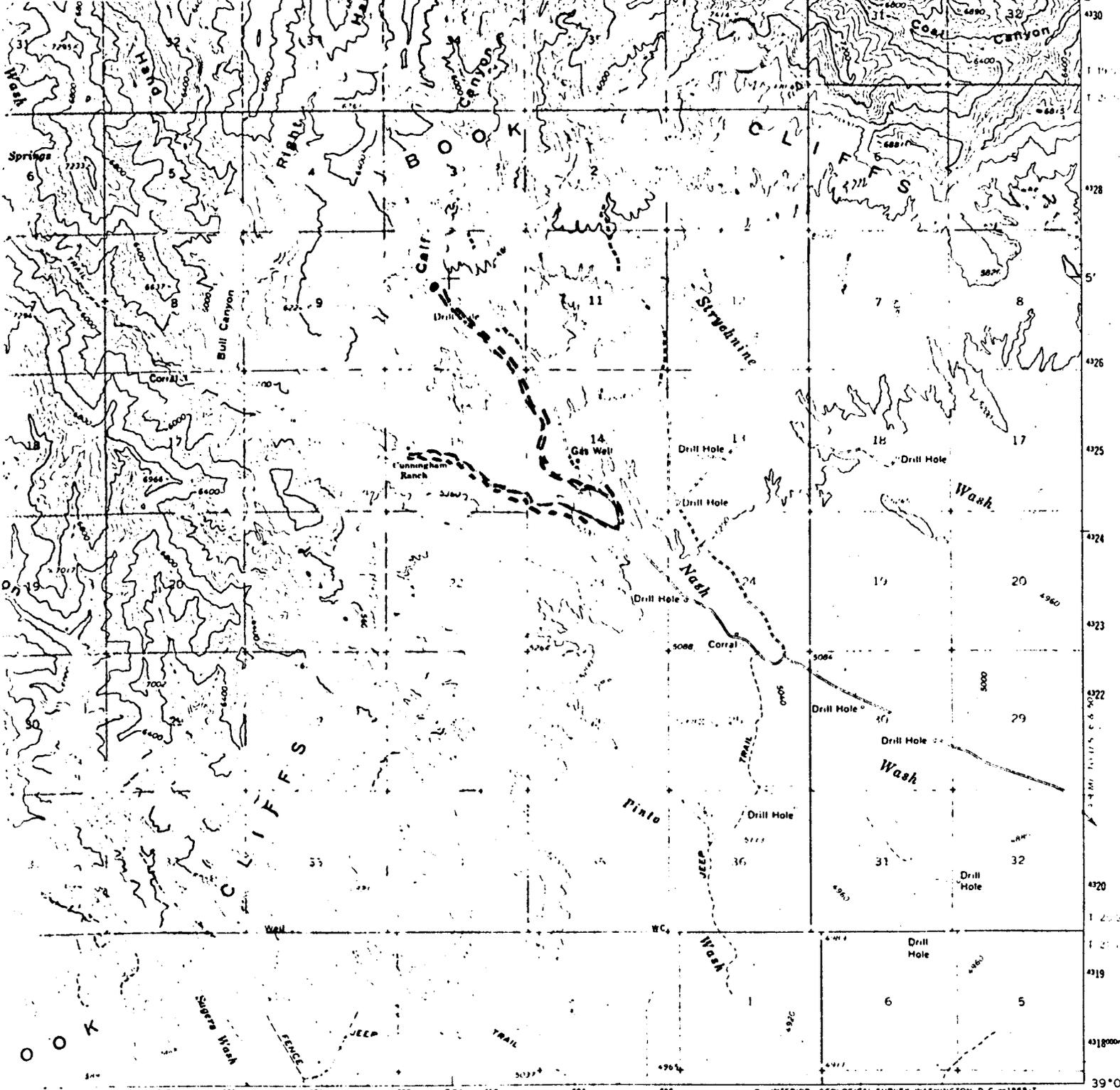
Dyce Petroleum Corporation
#1 Cisco
2050'FN & 1890'FE 10-20S-21E.
Grand County, Utah.



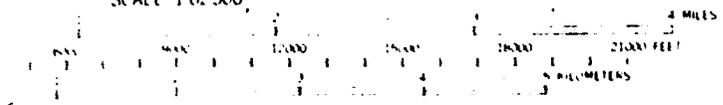
Scale: 1" = 50'

by: *Leonard Chapman*
Powers Elevation Company, Inc.

Exhibit IV



(THOMPSON)
4061 I
SCALE 1:62,500



CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
PRINTING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
 Light duty ————
 Unimproved dirt - - - -
 State Route ○

SEGO CANYON, UTAH
N3900—W10930/15

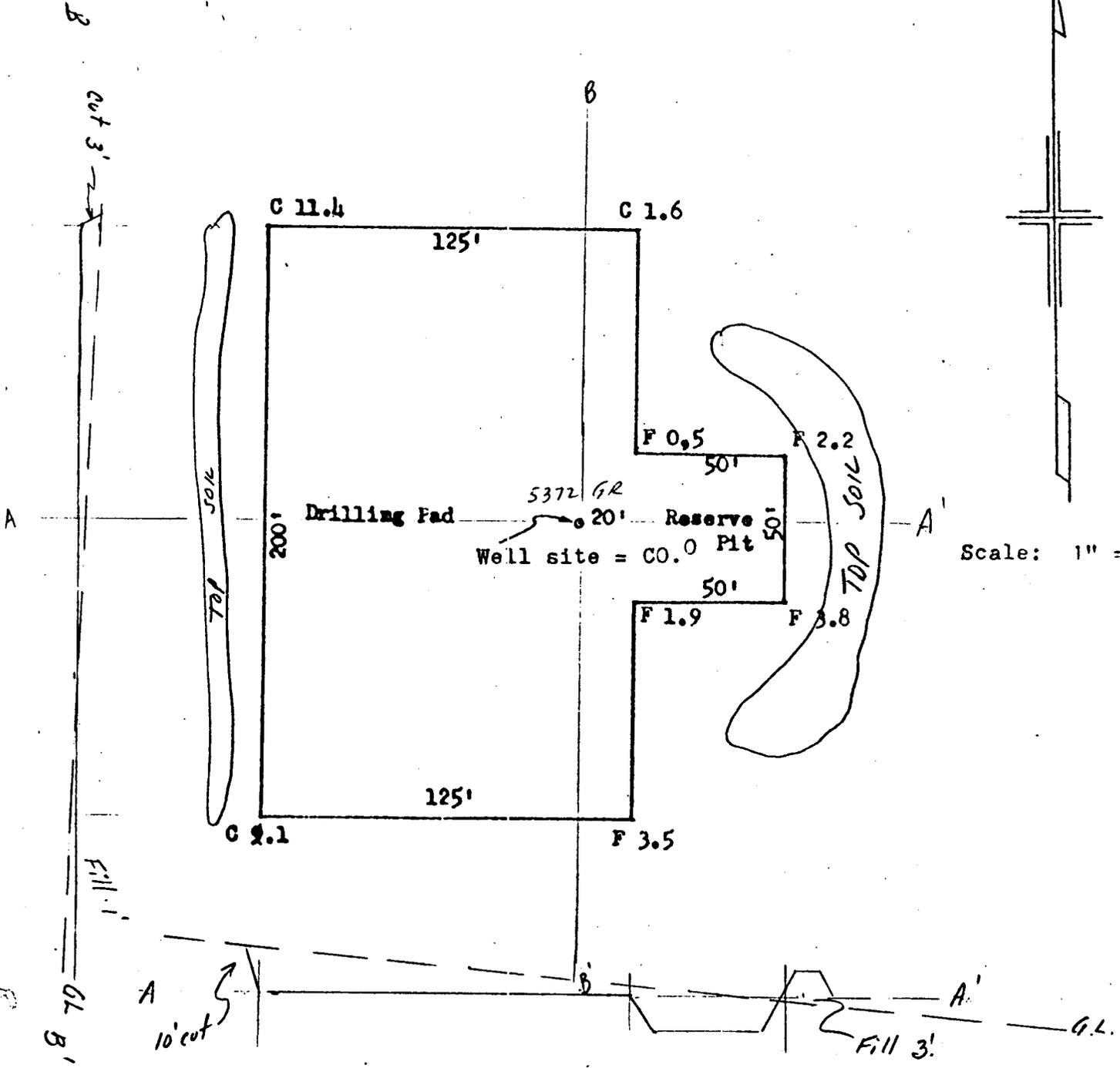
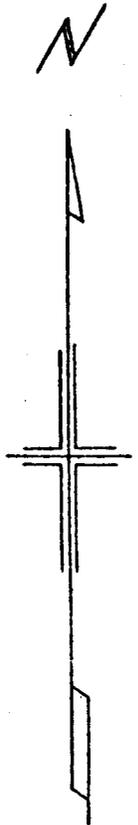
1963

AMS 4062 II—SERIES V797

Exhibit V

TOPOGRAPHIC MAP

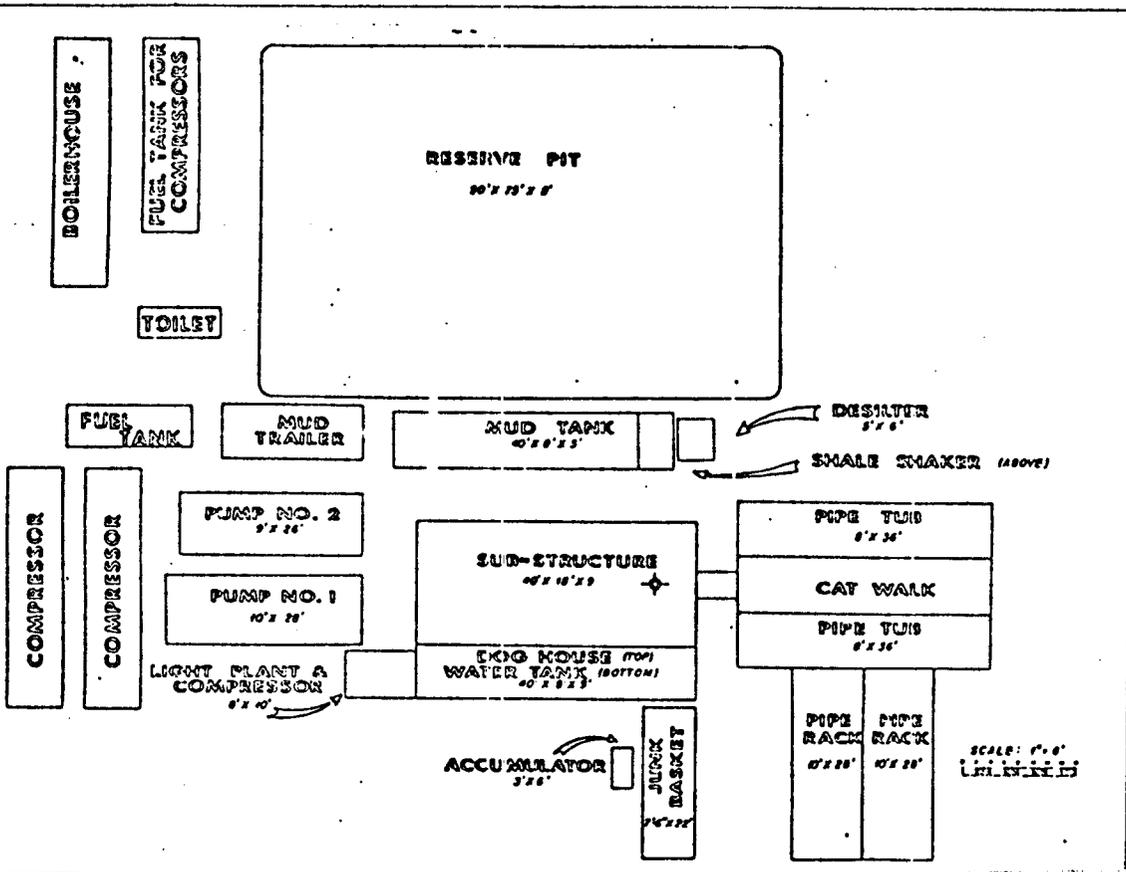
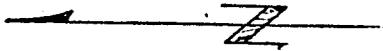
Dyce Petroleum Corporation
#2 Cisco
2050' FM & 1890' FE 10-20S-21E.
Grand County, Utah.



Scale: 1" = 50'

by: *Leonard Chapman*
Powers Elevation Company, Inc.

Exhibit VI



PARKING FOR TRAILERS & CARS

200'

ROAD

VII

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

All Use Only: Use Initials.

Case File No.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

1. Project Name, Developer
Powers Elevate Company for Cisco Dyco Petroleum Company (Cisco
Dyco Wells #1, 2, and 3) (DEC-78-1)

2. Legal Description of Project Area (Attach Map Also)
Township 20 South, Range 21 East, Section 10

3. Institution Holding Antiquities
NA (no antiquities collected)

4. Antiquities Permit No.
78-Ut-014 (M-9)

5. Dates of Field Work
3-23-78

6. Description of Examination Procedures
Ten meter wide transects were walked across the drill locations
which averaged ca. 75 meters by 75 meters, and along the three access
routes in a search for cultural remains and indications of both pre-
historic and historic occupations.

7. Description of Findings (Attach forms or detailed report, if appropriate)
No cultural resources were observed during the survey.

8. Actual/Potential National Register Properties Affected
No national register properties will be adversely affected by the
drilling project.

9. Conclusions/Recommendations 1. All vehicle traffic, personnel movement
and construction be confined to the locations examined and to access road
leading into the locations; 2. all personnel refrain from collecting
individual artifacts or from disturbing any cultural resources in the area
and 3. a qualified archeologist be consulted should cultural remains from
subsurface deposits be exposed during construction work or if the need
arises to relocate or otherwise alter the drill pad location.

10. Signature of Person in Direct Charge of Field Work

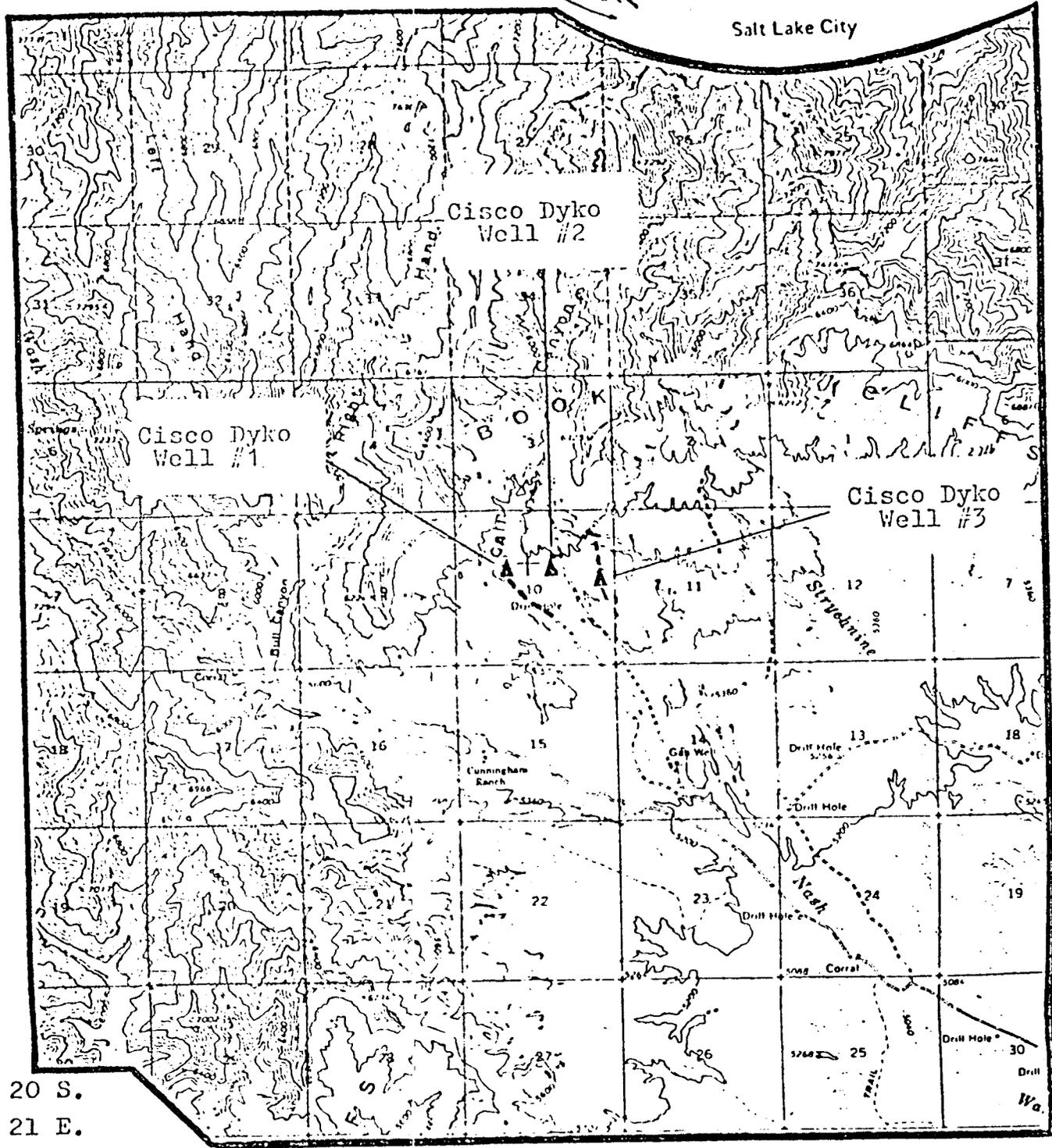
J. R. Hank

11. Signature of Title of Institutional Officer Responsible

J. R. Hank



Salt Lake City



T. 20 S.
R. 21 E.

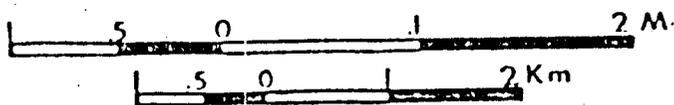
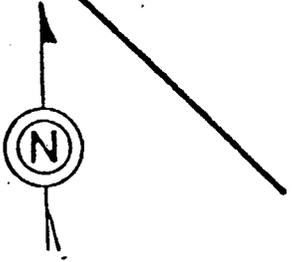
Meridian: Salt Lake B & M

Quad: Sego Canyon
15' Series

Project: PEC-78-1
Series: East Central
Utah
Date: 3-28-78

Proposed Oil Well Sites in
the Nash Wash Locality of
Grand County, Utah

Legend: Drill Pad ▲
Proposed road - - - -



Scale

FIGURE

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Aug 3, 1978
Operator: Dyco Petroleum
Well No: Disco - Federal #1
Location: Sec. 10 T. 20S R. 14E County: Grant

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

API NUMBER: 43-019-30437

CHECKED BY:

Administrative Assistant [Signature]
Remarks: [Signature]
Petroleum Engineer [Signature]
Remarks: [Signature]
Director [Signature]
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 102-12 Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

Letter Written/Approved

May 4, 1978

Dyco Petroleum Corporation
420 NBT Building
320 S. Boston
Tulsa, Oklahoma 74103

Re: Well No. Cisco Federal #1, ✓
Sec. 10, T. 20 S, R. 21 E,
Well No. Cisco Federal #2,
Sec. 10, T. 20 S, R. 21 E,
Well No. Cisco Federal #3,
Sec. 10, T. 20 S, R. 21 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-12.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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: #1: 43-019-30437;
#2: 43-019-30438; #3: 43-019-30439.

Very truly yours,

CLEON B. FEIGHT
Director

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
DYCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1974' FWL 2020' FNL
 At proposed prod. zone
N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18.6 N-NW of Cisco, Utah

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1974'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1360 SE

16. NO. OF ACRES IN LEASE
120

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

19. PROPOSED DEPTH
3800

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5372 Ground

22. APPROX. DATE WORK WILL START*
July 30, 1978

5. LEASE DESIGNATION AND SERIAL NO.
U-38359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Cisco - Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
CISCO DOME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10 T20S R21E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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#	350	To surface
7-7/8"	4 1/2"	10.5#	3800	Across pay

1. Drill 12 1/4" hole to 350', set 8-5/8" csg, cement to surface.
2. Drill 7-7/8" hole to approximately 3800'.
3. Run 4 1/2" csg if productive.
4. P&A per U. S. G. S. instructions if dry hole.

See attached "Surface Use and Operational Plans" for details

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

NOTICE OF APPROVAL

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 Charles L. Simon TITLE Area Engineer DATE 4-25-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
(ORIG. SGD.) W. P. MARTENS
 APPROVED BY _____ TITLE ACTING DISTRICT ENGINEER DATE JUL 31 1978
 CONDITIONS OF APPROVAL, IF ANY: _____

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (INTL)

DRILLING PLAN

1. SURFACE FORMATION

A. Mancos

2. GEOLOGICAL TOPS

A. Dakota	3200	oil
B. Cedar Mountain	3300	oil or gas
C. Morrison	3400	gas
D. Salt Wash	3600	gas
E. TD	3800	

3. DEPTHS OF ANTICIPATED OIL, WATER OR GAS

A. See above

4. CASING PROGRAM

- A. Surface: set 350' 8-5/8" 24# K-55 ST&C new casing & cement to surface with 250 sks Class "G".
- B. Production: set 4½" 10.5# K-55 ST&C @ TD. Cement across pay zones.

5. PRESSURES CONTROL EQUIPMENT

- A. Double ram 10" - 900 Series B. O. P. w/2" kill line, and 2" manifold to pit & mud tanks.
- B. B. O. P. to be tested to 1000 psi prior to drilling out shoe jt, then pipe rams operational tested daily, blind rams to be operational tested on trips. B. O. P. stack & manifold to be visually inspected daily.
See Attachment.

6. DRILLING FLUID PROGRAM

- A. 0 - 350 - water, with gel & lime if necessary.
- B. 350 - TD - chemical gel mud to top Dakota: 8.7 - 8.9 wt, 34 - 38 vis, 20 cc water loss. On top Dakota increases vis to 38 - 44, lower water loss to 10 - 15 cc to drill to TD.
Lost circulation material to be on location.

7. AUXILIARY EQUIPMENT

- A. Upper Kelly Cock
- B. Float @ bit
- C. Mud system will be visually monitored
- D. Stabbing valve on floor
- E. Hole to be kept full on trips

8. EVALUATION PROGRAM

- A. Cores - None planned
- B. DST - Across Dakota if deemed advisable
- C. Logs - Dual Induction TD - base surface
CNL - Density TD - base surface
Sonic TD - base surface

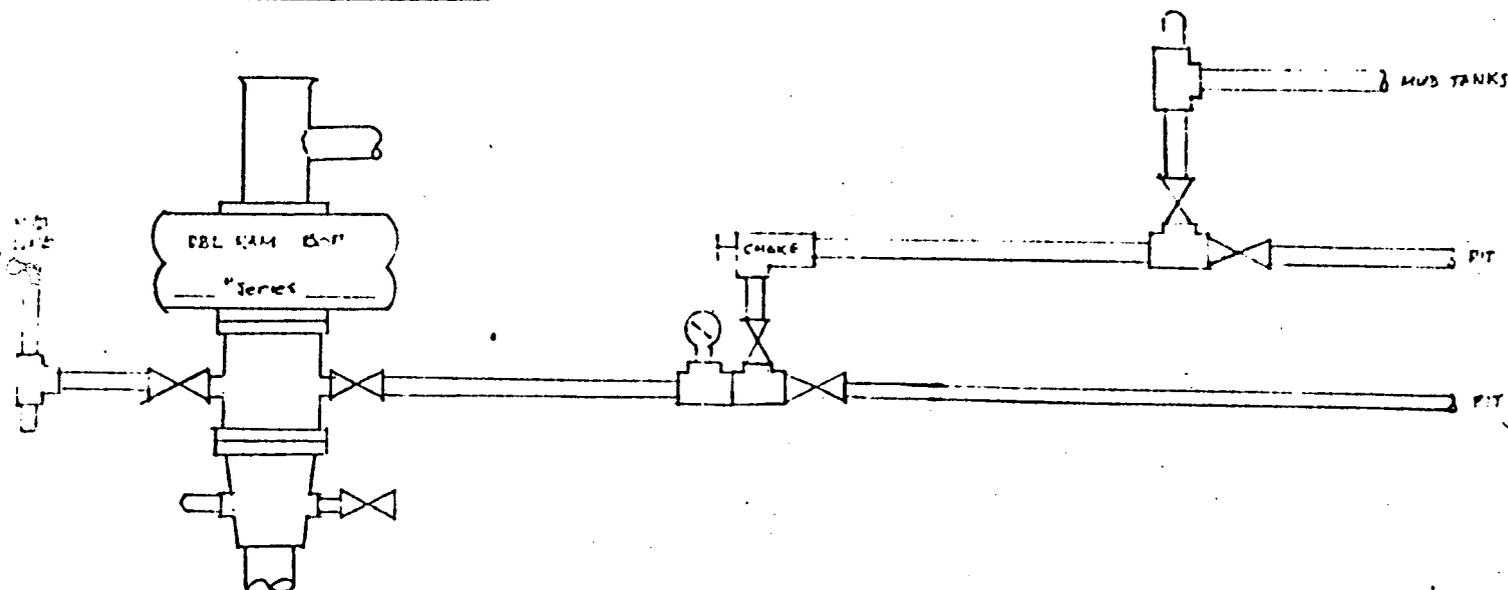
9. HAZARDS

No abnormal pressures or temperatures are anticipated in this area. No H₂S is anticipated. Possible lost circulation if mud weight gets too high, will have lost circulation material on location.

10. DATES

No definite date on rig availability at moment. Estimate will start first part of July. Drilling operation should take about 10 days. If completion rig is available immediately after drilling, 5 days for rig move, location cleanup, and move in completion rig. Completion time estimated at 15 days, additional 15 days to set production equipment.

Typical Minimum BOP Specs



Auxiliary Equipment and Notes

1. All lines and valves to be minimum 2"/3000 psi WP.
2. All bolts to be installed and tight.
3. All crew members to be trained in and familiar with BOP equipment, accumulators, and procedures.
4. Hole to be kept full at all times.
- ~~5. _____, to be on the floor at all times.~~
6. An inside BOP to be on the floor at all times.
7. An upper kelly-cock to be used at all times.
8. (a) After nipping up, preventers will be pressure tested at 1000 psi for 15 minutes before drilling out.
(b) BOP will be inspected and operated at least daily to insure good working order.
(c) All pressure and operating tests will be recorded on daily drilling report.

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY A. P. D.

1. EXISTING ROADS - a legible map showing:

A. Proposed well site as staked.
(The proposed well site and elevation plat is shown)
See survey plat attached - Exhibit I

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

The nearest town is Cisco, Utah. From Cisco, Utah #128 southwest 3.6 miles to Windy Mesa Road N.W. under I-70, 11.9 miles to a gate at corrals, thence 1.2 miles to a right turn and through another gate, thence 0.5 mile on the trail to a fork, thence left 1.5 miles to well 11-1 Union Government, where proposed roadway will continue approximately 0.4 mile to site.

C. Access road (s) to location color-coded or labeled.

See Access Road Map Attached - Exhibit II, page 1, 2, & 3

Red - Oil

Green - Gravel

Yellow - Trail

Orange - New Road

D. If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.)

N/A

E. If development well, all existing roads within a 1-mile radius of well site.

See Access Road Map Attached - Exhibit II, page 1

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

No improvements are anticipated for the existing road.
Maintenance will be done as needed, to insure safe traffic to drilling site.

2. PLANNED ACCESS ROADS

Map showing all necessary access roads to be constructed or reconstructed, showing: Exhibit II, page 1, orange

- (1) Width: Roads will be 18 feet to allow two way traffic to location.
- (2) Maximum grade: Average grade will be 3%, but maximum grade will not exceed 8%.
- (3) Turnouts: No new turnouts are anticipated on existing roadways, or to new location.
- (4) Drainage design: Water bars will be provided on the new road to guarantee drainage off location and to conform to natural drainage.

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

One 24" C.M.P. in Calf Canyon Draw of drill hole in Sec. 10 T20S R21E. See Access Road Map for location.

- (6) Surfacing materials:

Surfacing materials will be of native soil on site.

- (7) Necessary gates, cattleguards, or fence cuts:

No gates, cattleguards or fence cuts are needed.

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

The new roadway has been center-line flagged and is approximately four-tenths of a mile.

3. LOCATION OF EXISTING WELLS

Two mile radius map if exploratory, or one mile radius map if development well, showing and identifying existing:

(1) Water wells:

It is believed a water well is in the NW SW of Sec. 15 T20S R21E. shown as the Cunningham Ranch on Access Road Map.

(2) Abandoned wells: See Exhibit III

(3) Temporary abandoned wells: See Exhibit III

(4) Disposal wells: None

(5) Drilling wells: See Exhibit III, (none at present)

(6) Producing wells: See Exhibit III

(7) Shut-in wells: See Exhibit III

(8) Injection wells: None

(9) Monitoring or observation wells for other uses: None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Within one mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1) Tank batteries: None

(2) Production facilities: None

EXHIBIT "D" Cont.

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

B. If new facilities are contemplated, in the event of production show:

(1) Proposed location and attendant lines by flagging it off of well pad:

All facilities shall be on site and all flow lines will be buried. See Exhibit IV or alternative, if #2 is productive tank battery will be located on No. 2, with flowline from #3 to #2.

(2) Dimensions of facilities:

The pad will be 200 feet by 125 feet. Reserve pit is 50' x 50' x 75'. Production sump will be 40' x 40' fenced.

(3) Construction methods and materials:

All construction materials for the site will be from on site sources. No additional materials are anticipated from off site sources.

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

Reserve pit to be fenced on 3 sides while drilling, and on fourth side when rig moves out. Production sump will be fenced. Any pit w/oil on will be flagged.

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

See Item No. 10

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Show location and type of water supply either on map or by written description:
Well water is available on the Cunningham Ranch as shown on the Access. Road Map. Tentative water supply is Cunningham Ranch. If change is necessary - an amendment will be filed.
- B. State method of transporting water, and show any roads or pipelines needed:
Hauled over road by truck, see Exhibit V.
- C. If water well is to be drilled on lease, so state. (No A. P. D. for water well necessary, however, unless it will penetrate potential hydrocarbon horizons.)
No water well will be drilled.

6. SOURCE OF CONSTRUCTION METHODS

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

Construction of drilling pad and roads will be from soil in place. In the event of production surfacing materials will be purchased from a commercial vendor in the area.

7. METHODS FOR HANDLING WASTE DISPOSAL

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

- (1) Cuttings: to be contained in reserve pit.
- (2) Drilling fluids: to be contained in reserve pit.
- (3) Produced fluids (oil, water): produced oil will be contained in a test tank. Water will be drained in reserve pit, during completion. Disposal of produced water will depend on the amount of water produced and salinity as set forth in NTL-2B.

EXHIBIT "D" Cont.

- (4) Sewage: in sanitary pit as provided for toilet.
- (5) Garbage and other waste material (trash pits should be fenced with small mesh wire to prevent wind scattering trash before being burned or buried.): In burn pit.
- (6) Statement regarding proper cleanup of well site area when rig moves out:

The location will be kept free of trash during all operations, and will be burned, buried, or hauled away.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required, and construction methods. (Camp center and airstrip center lines staked on the ground.) None

9. WELL SITE LAYOUT

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

- (1) Cross section of drill pad with cuts and fills:

See attached drawing - see Exhibit VI

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

See Exhibit VI & VII

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

See Exhibit VII

- (4) Statement as to whether pits are to be lined or unlined: (Approval as used in this section means field approval of location. All necessary staking facilities may be done at time of field inspection. A registered surveyor is not mandatory for such operations.)

Pits will be unlined.

10. PLANS FOR RESTORATION OF SURFACE

State restoration program upon completion of operations; including:

- (1) Backfilling, leveling, contouring, and waste disposal; segregation of spoils materials as needed:

Drill site will be backfilled and leveled as soon as possible after the drilling and completion rigs are moved out. All unused areas will be restored. Waste material will be buried.

- (2) Revegetation and rehabilitation - including access roads (normally per BLM recommendations)

Top soil will be spread over unused areas, and reseeded per U.S.G.S specs.

- (3) Prior to rig release, pit will be fenced and so maintained until cleanup:

Reserve pits will be fenced on 3 sides during drilling and on fourth side when rig moves out.

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

Flagging will be installed if any oil is left on pits.

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

Rehabilitation will commence as soon as possible. If wells are drilled during summer, all efforts will be made to cleanup and reseed prior to winter.

11. OTHER INFORMATION

General description:

- (1) Topography; soil characteristics, geologic features, flora and fauna: on site has a gentle slope and the soils are generally a sandy loam, weathered sandstone and shale. No distinguishing geologic features exist. The vegetation is primarily dispersed sagebrush. There are signs of deer and rabbits at the location.

EXHIBIT "D" Cont.

- (2) Other surface-use activities and surface ownership of all involved lands:
The current surface uses are grazing of cattle and horses and gas field.
- (3) Proximity of water, occupied dwellings, archeological, historical, or cultural sites:
The only running water is in Nash Wash above Cunningham Ranch and they use all water for irrigation of hay fields. There is immediately east an intermittent stream in Calf Canyon. The only occupied dwellings are at Cunningham Ranch $1\frac{1}{4}$ miles outh. No historical, archeological or cultural sites were observed. (See attached archeological clearnace.)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Include the name, address, and phone number of the lessee's or operator's field representative whi is responsible for assuring compliance with the approved surface use and operations plan.

- (1) Mr. Roy Reeves
Suite 420, NBT Bldg.
320 S. Boston
Tulsa, Oklahoma 74103
Office: 918-587-2181
Home: 918-743-8630
- (2) Mr. Charles Simons
Suite 420, NBT Bldg.
320 S. Boston
Tulsa, Oklahoma 74103
Home: 918-371-5819
Office: 918-587-2181
- (3) Mr. John Pulley
Flint Engineering & Construction Co.
324 Petroleum Bldg.
Billings, MT 59101
Office: 406-245-4179
Home: 406-259-6156

13. CERTIFICATION

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

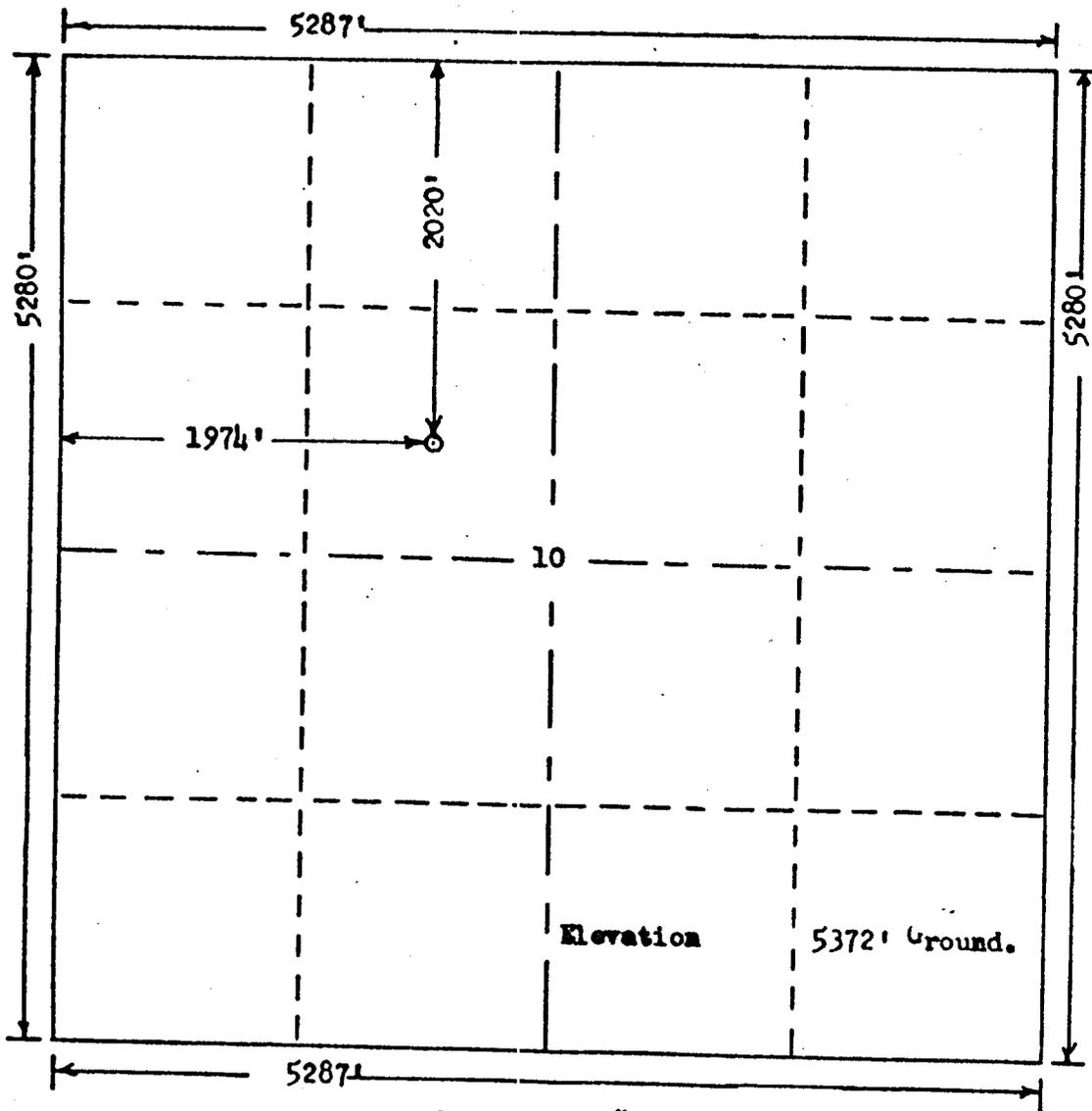
April 25, 1978.

DATE

Charles L. Simons
DYCO PETROLEUM CORPORATION



R. 21 E.



T. 20 S.

Scale... 1" = 1000'

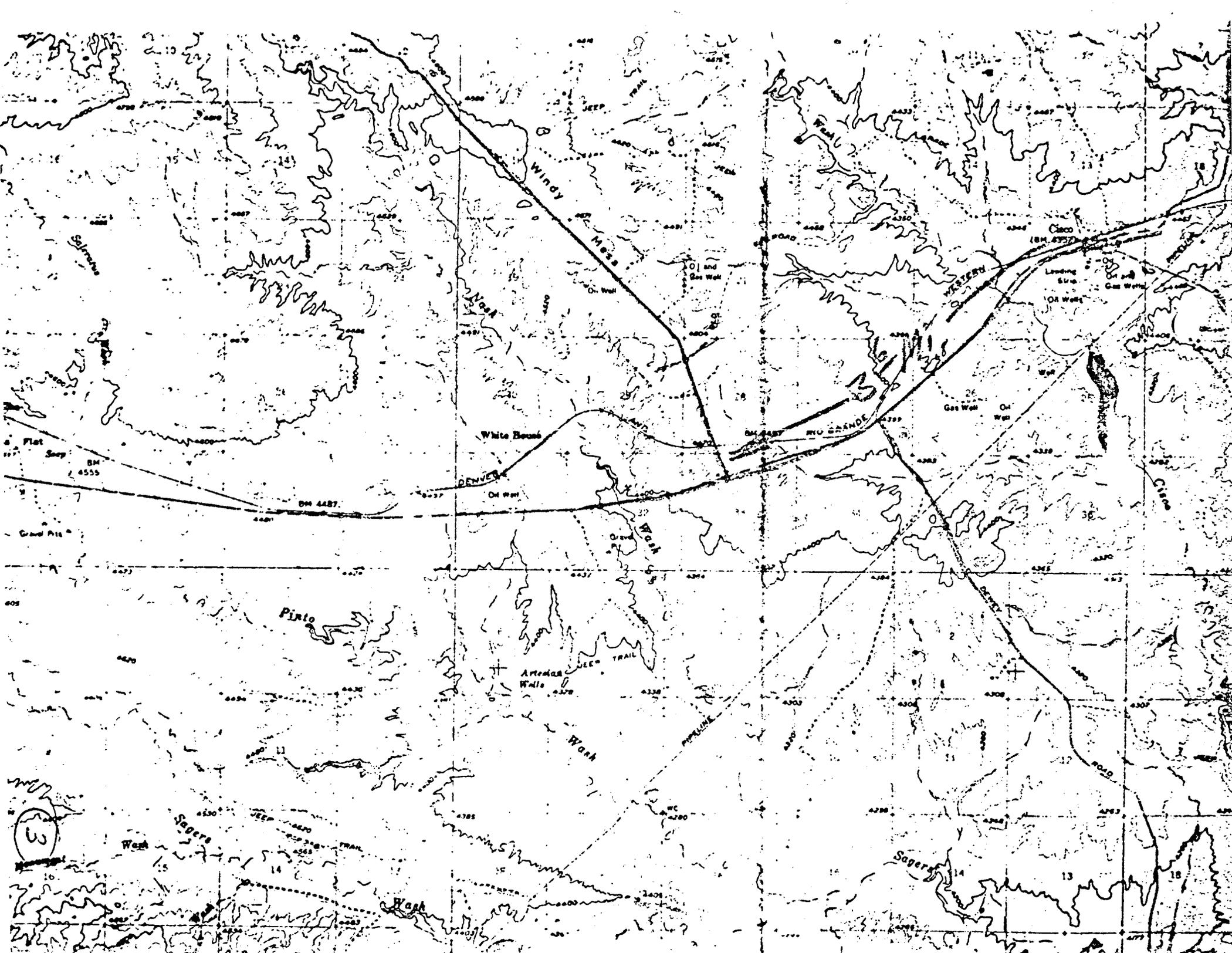
Powers Elevation Company, Inc. of Denver, Colorado
 has in accordance with a request from Jackie
 for Dyce Petroleum Corporation
 determined the location of #1 Cisco
 to be 2020' FW & 1974' FW Section 10 Township 20 S.
 Range 21 E. of the Salt Lake Principal Meridian
 Grand County, Utah

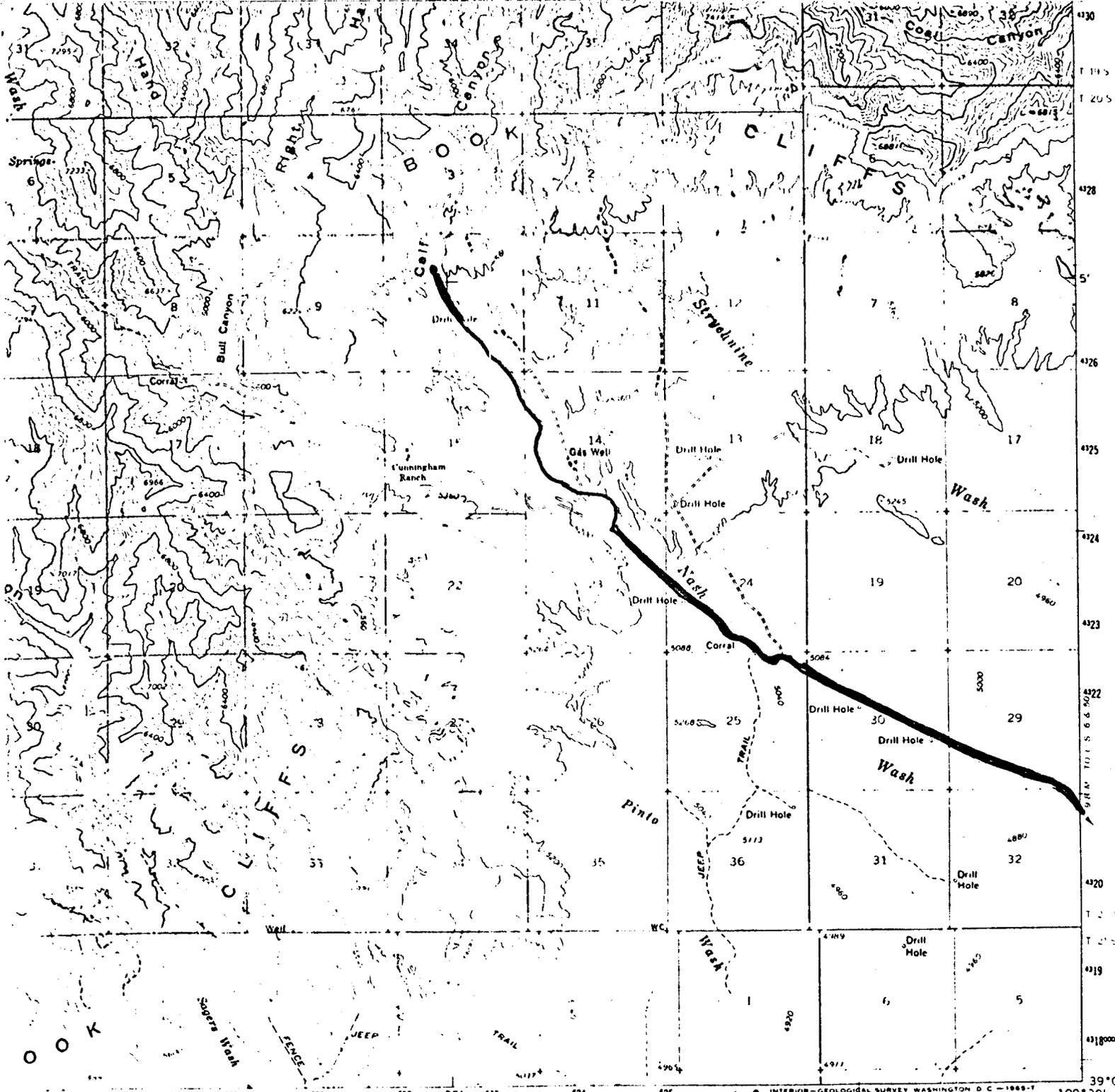
I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #1 Cisco

Date: 3-15-78

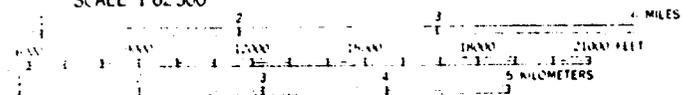
T. Wilkey
 Licensed Land Surveyor No. 2711
 State of Utah

Exhibit T





(THOMPSON)
4061 I
SCALE 1:62,500



CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION
 Light-duty ——— Unimproved dirt
 ○ State Route

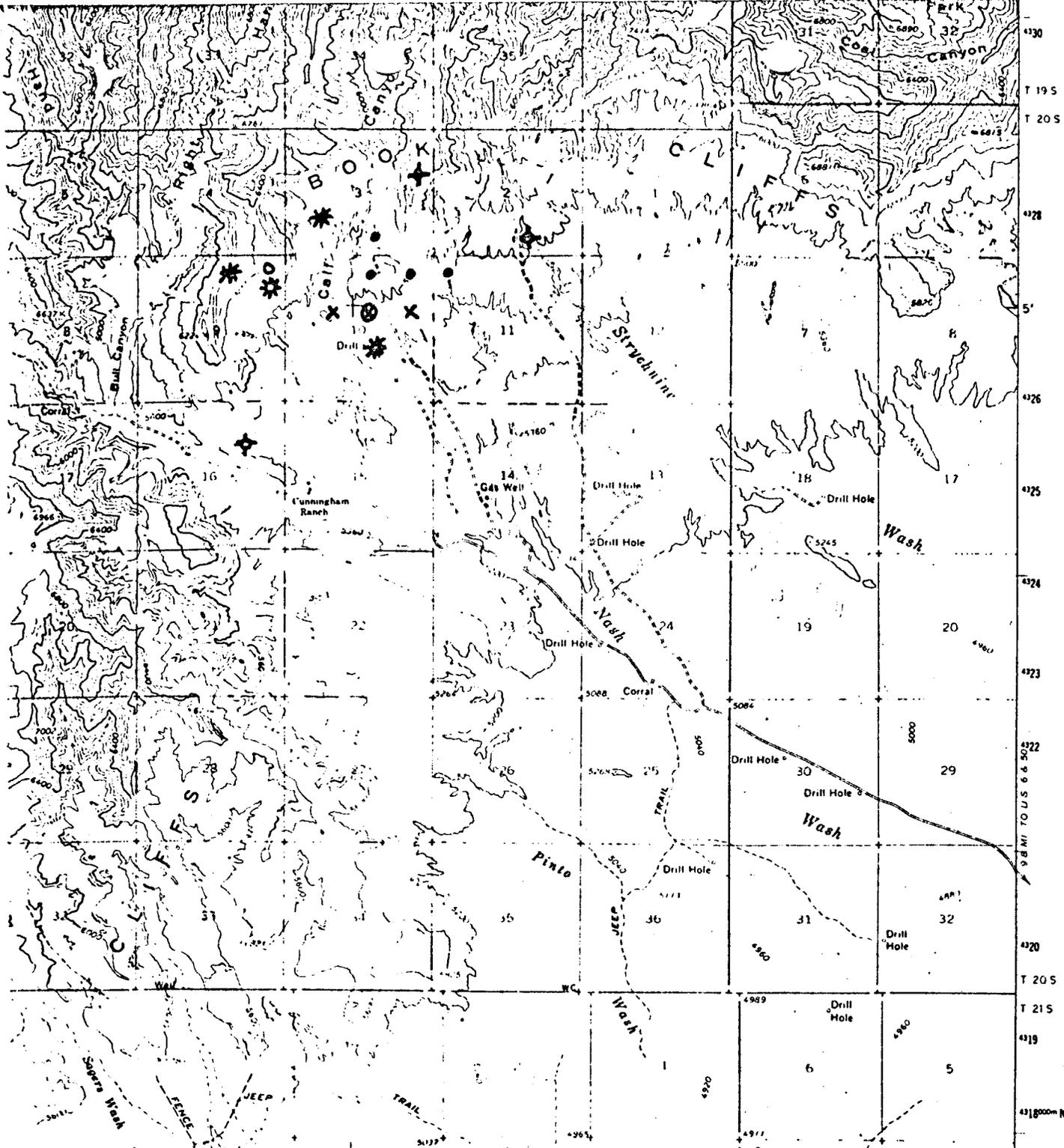
SEGO CANYON, UTAH
N3900—W10930/15

1963

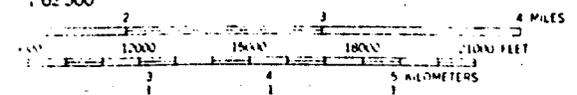
AMS 4062 II—SERIES V797

MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
 PRINTING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Exhibit II
Page 1



OMPSONI
4061 I
1:62500



INTERVAL 80 FEET
CONTOUR INTERVAL 40 FOOT
ELEVATION IN FEET SEA LEVEL

CONFORMS TO NATIONAL MAP ACCURACY STANDARDS
APPROVED BY THE NATIONAL CENTER FOR GEOGRAPHIC INFORMATION
WASHINGTON, D. C. 20540

- Location
- Oil well
- * Gas well
- ✱ Abandoned Gas well
- ✚ dry hole
- x Dyeo Locations.
- ⊗ Location noted in Application.



ROAD CLASSIFICATION
 Light-duty ——— Unimproved dirt
 ○ State Route

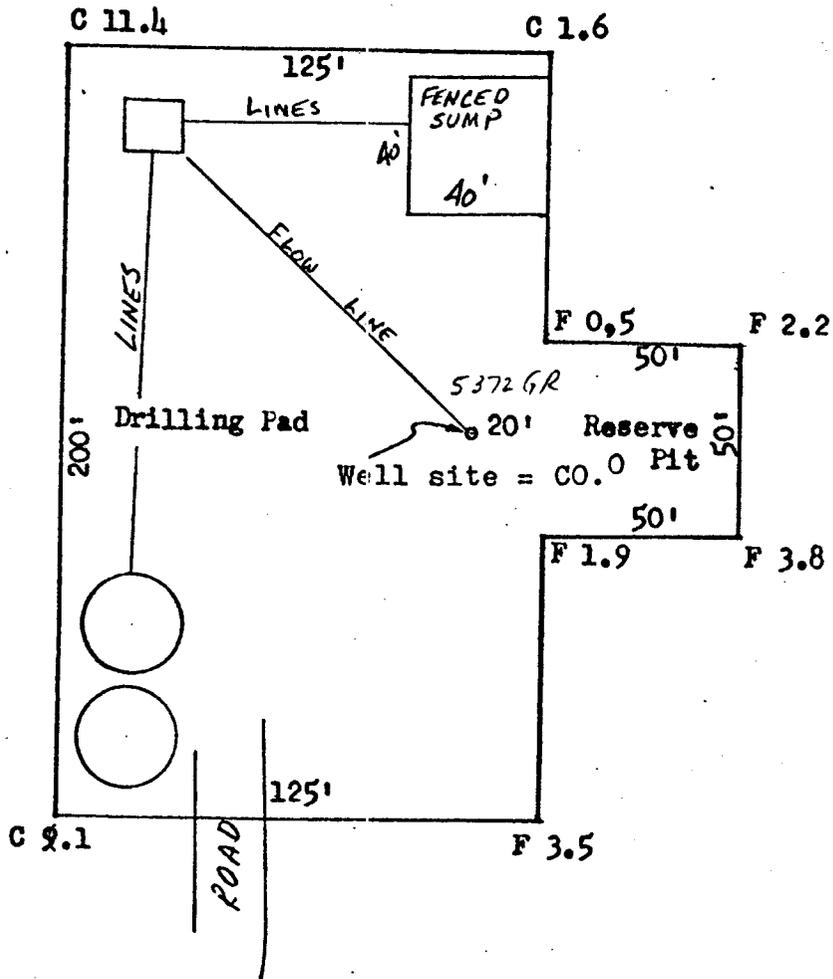
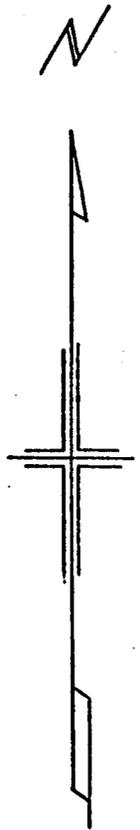
SEGO CANYON, UTAH
N3900—W10930/15

1963
AMS 4062 II—SERIES V797

Exhibit III

TOPOGRAPHIC MAP

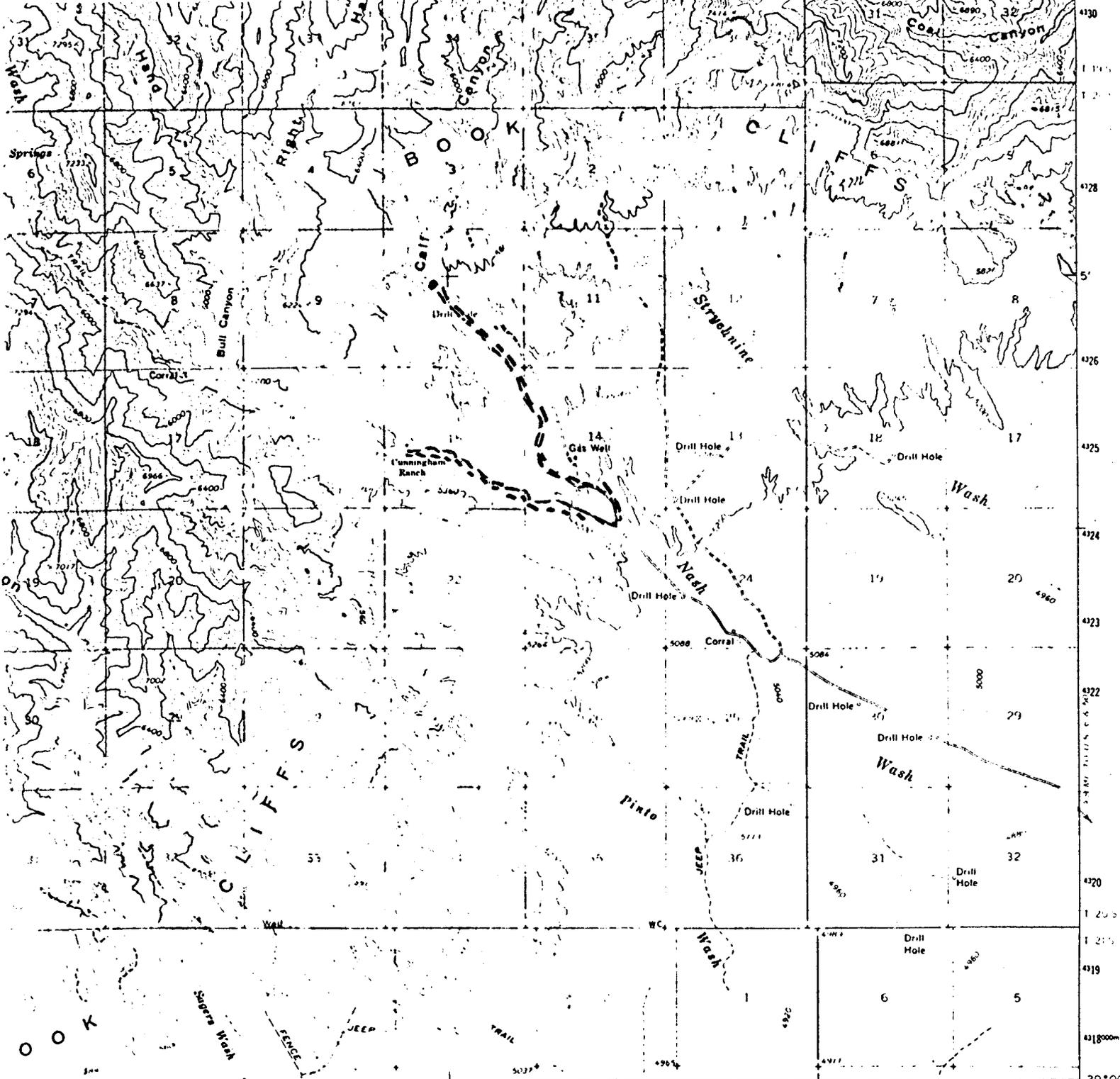
Dyce Petroleum Corporation
#P Cisco
2050'FN & 1890'FE 10-20S-21E.
Grand County, Utah.



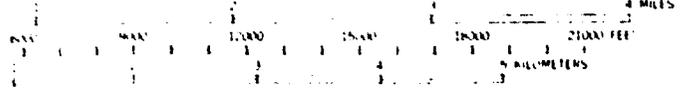
Scale: 1" = 50'

by *Leonard Chapman*
Powers Elevation Company, Inc.

Exhibit IV

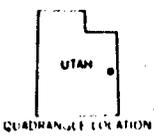


(THOMPSON)
4061 I
SCALE 1:62500



CONTOUR INTERVAL 80 FEET
RED LINES REPRESENT 40 FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
PRINTING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
 Light duty
 Unimproved dirt
 State Route

SEGOE CANYON, UTAH
N3900—W10930/15

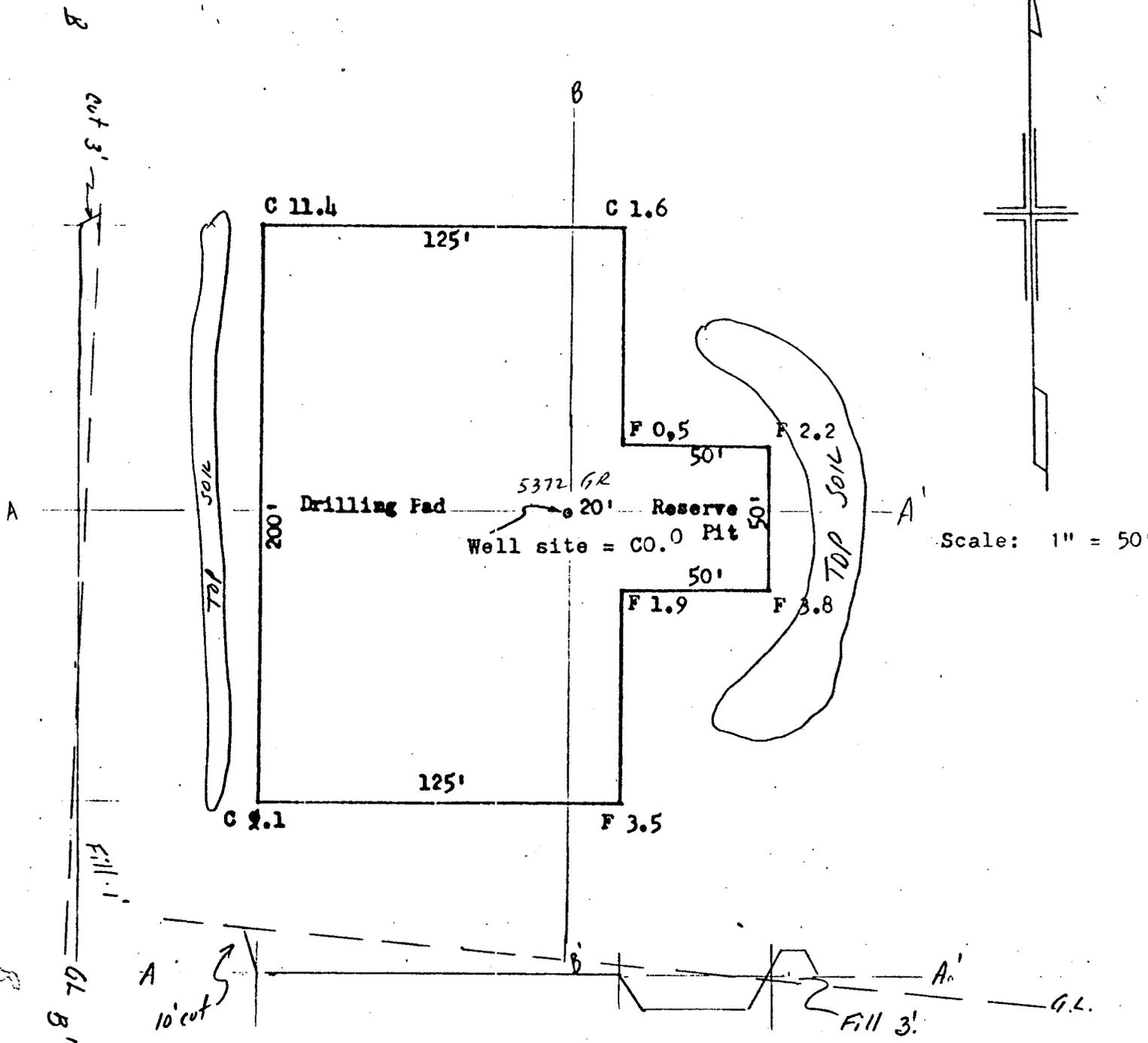
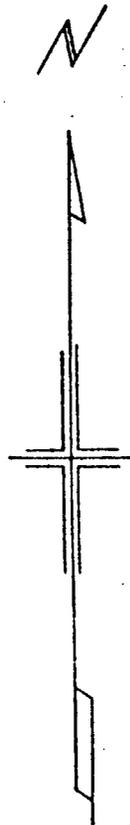
1963

AMS 4062 II—SERIES V797

Exhibit V

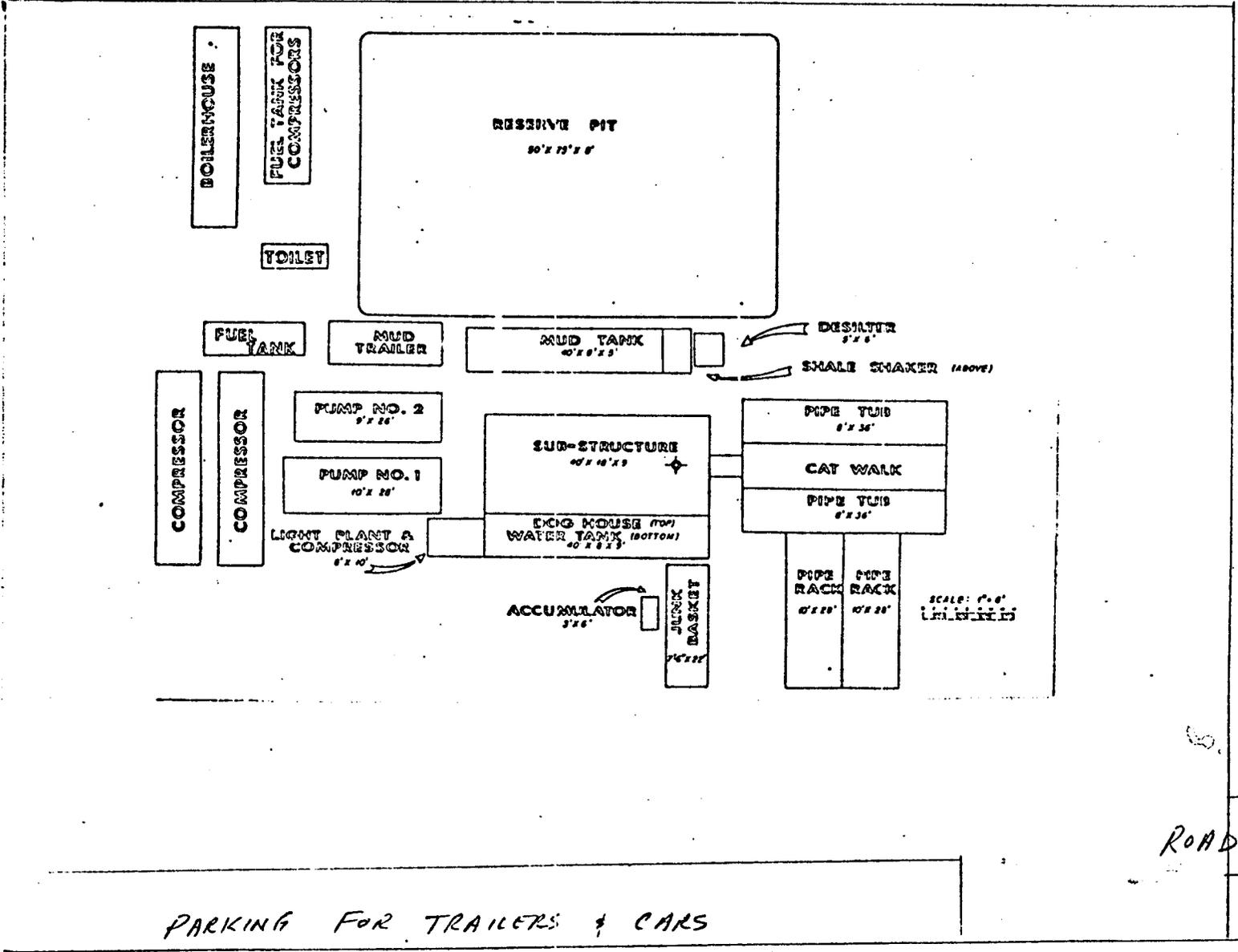
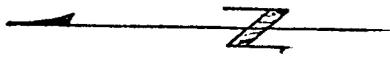
TOPOGRAPHIC MAP

Dyce Petroleum Corporation
22 Cisco
2050' FM & 1890' FE 10-20S-21E.
Grand County, Utah.



by: *Leonard C. ...*
Powers Elevation Company, Inc.

Exhibit VI



ROAD

PARKING FOR TRAILERS & CARS

200'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

Use Only: Use Initials.
Case File No. _____
Report Acceptable Yes ___ No ___
Mitigation Acceptable Yes ___ No ___
Comments: _____

1. Project Name, Developer
Powers Elevate Company for Cisco Dyco Petroleum Company (Cisco
Dyco Wells #1, 2, and 3) (TEC-78-1)

2. Legal Description of Project Area (Attach Map Also)
Township 20 South, Range 21 East, Section 10

3. Institution Holding Antiquities
NA (no antiquities collected)

4. Antiquities Permit No.
78-Ut-014 (M-9)

5. Dates of Field Work
3-23-78

6. Description of Examination Procedures
Ten meter wide transects were walked across the drill locations
which averaged ca. 75 meters by 75 meters, and along the three access
routes in a search for cultural remains and indications of both pre-
historic and historic occupations.

7. Description of Findings (Attach forms or detailed report, if appropriate)
No cultural resources were observed during the survey.

8. Actual/Potential National Register Properties Affected
No national register properties will be adversely affected by the
drilling project.

9. Conclusions/Recommendations 1. All vehicle traffic, personnel movement
and construction be confined to the locations examined and to access road
leading into the locations; 2. all personnel refrain from collecting
individual artifacts or from disturbing any cultural resources in the area
and 3. a qualified archeologist be consulted should cultural remains from
subsurface deposits be exposed during construction work or if the need
arises to relocate or otherwise alter the drill pad location.

10. Signature of Person in Direct Charge of Field Work

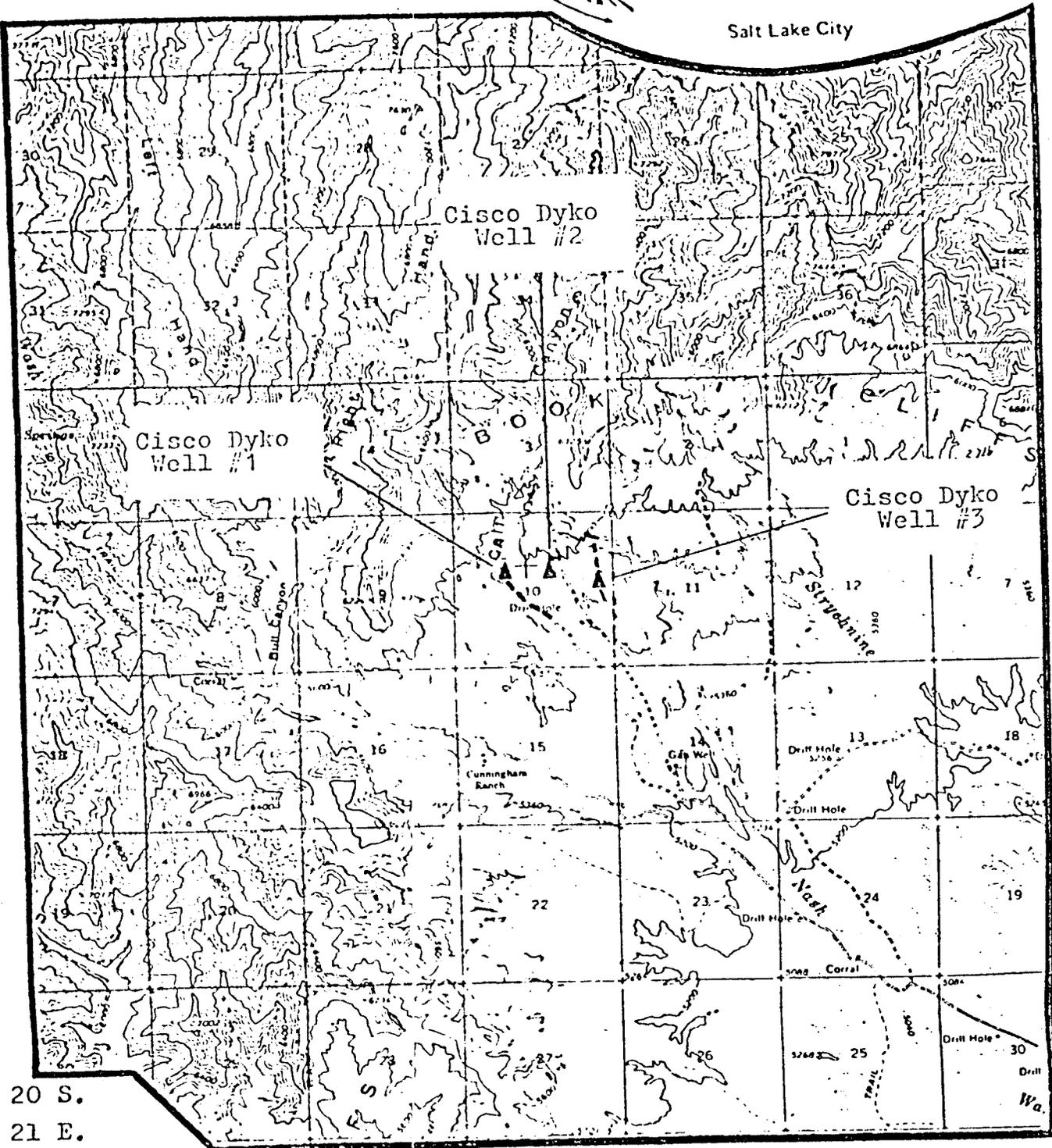
I. R. Hank

11. Signature of Title of Institutional Officer Responsible

I. R. Hank



Salt Lake City



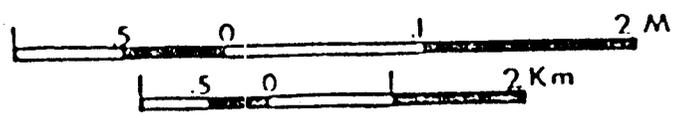
I. 20 S.
R. 21 E.

Meridian: Salt Lake B & M

Quad: Sego Canyon
15' Series

Project: PEC-78-1	Proposed Oil Well Sites in the Nash Wash Locality of Grand County, Utah
Series: East Central Utah	
Date: 3-28-78	

Legend: Drill Pad ▲
Proposed road - - - -



Scale



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(301) 533-5771

July 2, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Dyco Petroleum Corporation
420 NBT Bldg., 320 S. Boston
Tulsa, Oklahoma 74103

Re: Well No. Cisco Federal #1
Sec. 10, T. 20S, R. 21E,
Grand County, Utah

Well No. Cisco Federal #3
Sec. 10, T. 20S, R. 21E,
Grand County, Utah

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

Dyco Petroleum Corporation



420 NBT BUILDING
320 SOUTH BOSTON
TULSA, OKLAHOMA 74103
AREA 918/587-2181

August 31, 1979

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

Re: Well No. Cisco Federal #1 L.A.
Sec. 10, T. 20S, R. 21E,
Grand County, Utah

Well No. Cisco Federal #3
Sec. 10, T. 20S, R. 21E,
Grand County, Utah

Gentlemen:

Dyco Petroleum Corporation does not intend to drill the
above referenced wells.

If there are any further questions, please advise.

Very truly yours,

DYCO PETROLEUM CORPORATION

Bob Zumwalt
Production Engineer

sew

cc: J. West
D. Holly



Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

August 21, 1980

Dyco Petroleum Corp.
3 Park Central Suite 445
1515 Arapahoe St.
Denver, Colorado 80202

Re: Returned Application for
Permit to Drill
Well #3
Section 10, T. 20S., R. 21E.
Grand County, UT
Lease #U-38359
Application Approved: July 31, 1978

Well #1
Section 10, T. 20S., R. 21E.
Grand County, UT
Lease #U-38359
Application Approved: July 31, 1978

Gentlemen

The Applications for Permit to Drill the referenced wells were approved. Since that date no known activity has transpired at the approved locations. Under current District policy, Application's 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 applications without prejudice. If you intend to drill at these locations on a future date a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then, be submitted. Your cooperation in this matter is appreciated.

Sincerely

(OR'G. SGD.) W P MARTENS

for
E.W. Gwynn
District Engineer

bcc: O&GS NRMA Casper
SMA
State Office (O&G) ✓
State Office (BLM)
USGS-Vernal
Well File
APD Control