

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
Inca Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
1512 Larimer St., Ste. 970, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
500' FNL and 2130' FWL (NE½NW½)
 At proposed prod. zone
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles south of Green River

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
500'

16. NO. OF ACRES IN LEASE
2520

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.
None

19. PROPOSED DEPTH
4600'

20. ROTARY OR CABLE TOOLS
rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)
4385' GR

22. APPROX. DATE WORK WILL START*
May 15, 1982

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.0#	500	sufficient to reach surface depends on productive zones.
7 7/8"	5 1/2"	15.5#	4600	

See Attached:

Ten Point Drilling Program
 Multipoint Surface Use and Operation Plan

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

DATE: 6/16/82
 BY: [Signature]

verbal approval 6/14/82

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. SIGNATURE: [Signature] TITLE: Agent DATE: April 16, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

5. THE RESERVE PIT WILL BE CONSTRUCTED WITH A FREEBOARD, TWO FEET ABOVE THE LEVEL OF THE PAD. THE FREEBOARD MUST BE INSTALLED ON THE THREE NONADJACENT SIDES OF THE PIT.

6. SEE BLM STIPULATIONS

7. TOPSOIL WILL BE STOCKPILED AROUND THE LOCATION, PREFERABLY UPHILL, AND WILL BE SEGREGATED FROM THE EXCESS MATERIAL STOCKPILE

memorandum

DATE: MAY 14 1982

REPLY TO
ATTN OF: George Diwachak
Environmental Scientist
Salt Lake City, UtahSUBJECT: PRE-DRILL INSPECTION - INCA OIL AND GAS INC., APD'S,
WELL No. 1-15 - SEC 15, T 24S R 16E AND 1-22, SEC 22, T 24S, R 16E
TO: WELL FILES

THE JOINT PRE-DRILL INSPECTION FOR THE REFERENCED WELLSITES HAS BEEN WAIVED BY MUTUAL AGREEMENT BETWEEN MYSELF AND MERV MILES, BLM, PRICE. ON APRIL 14, 1982 WE VISITED THE SITES EN ROUTE TO ANOTHER LOCATION. MILES WAS ALSO PRESENT AT STAKING AND HELPED PICK THE MOST SUITABLE SITES IN THE AREA. NO MAJOR PROBLEMS WERE EVIDENT AND DUE TO REMOTENESS, WE FELT A JOINT PRE-DRILL WAS UNNECESSARY. I DISCUSSED THE RECOMMENDED STIPULATIONS WITH JOHN McCATHARN, INCA REPRESENTATIVE, TODAY. HE AGREED TO STIPULATIONS. PROTECTION OF FRESH WATER WAS ALSO DISCUSSED TODAY. McCATHARN AGREED TO ~~SEND~~ SUBMIT AN ADDENDUM TO THE DRILLING PROGRAM TO PROVIDE PROTECTION TO AQUIFERS.

MAY 15 1982

George

THE ABOVE MENTIONED FRESH H₂O PROTECTION MEASURES WERE DISCUSSED TO W.P. MARTENS, DRILLING SUPERVISOR. HE SAID MEASURES SHOULD BE ADEQUATE. I RECOMMEND THAT STRICT MONITORING BE MADE BY MMS TO ADEQUATELY ASSESS PLUGGING PROGRAM

George



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

OPTIONAL FORM NO. 10
(REV. 7-76)
GSA FPMR (41 CFR) 101-11.6
5010-112



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District

San Rafael Resource Area

P. O. Drawer AB

Price, Utah 84501

MINERALS MANAGEMENT SERVICE

OIL & GAS OPERATIONS

RECEIVED

MAY 10 1982

SALT LAKE CITY, UTAH

IN REPLY REFER TO

3100
U-27033
U-38520
(U-067)

Memorandum

May 5, 1982

To: Minerals Management Service, District Engineer, SLC, Utah

From: Area Manager, San Rafael

Subject: Additional Surface Management Requirements for APD's -
INCA Oil & Gas, Inc., Wells No. 1-15 & 1-22,
T. 24 S., R. 16 E., Sections 15 & 22

We would like to have the following stipulations made part of the approved permit to drill.

1. The BLM, San Rafael Resource Area will be notified 48 hours before beginning any construction (phone: 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
3. Topsoil to a depth of 6 inches (approximately 3,000 cu. yds.) shall be stockpiled. When drilling is completed, land will be returned to original contour before topsoil is respread.
4. Seeding shall take place from October 1 to May 1. Seeding shall be by drilling and harrowing and shall be repeated until vegetation is successfully established unless otherwise approved in writing by the Authorized Officer. The following seed mixture shall be used:

<u>Grass</u>	<u>Rate</u>
Indian ricegrass	3 lbs. per acre
Crested wheatgrass	3 lbs. per acre
Yellow clover	3 lbs. per acre

5. Road shall be a single lane road not to exceed 24 feet (disturbed area) with 16 feet travel surface. Topsoil to a depth of 6 inches shall be windrowed along the side of the proposed road, and later used to rehabilitate roadway. During this drilling operation, operator will not block or hinder travel on the County road.
6. All vehicle travel will be confined to existing roads. Offroad travel is prohibited.
7. Trash will be contained in a wire cage or drum and hauled to an approved dump site. Burn pit will not be allowed.

8. A chemical toilet shall be provided at the drill site. Pit toilets will not be allowed.
9. Drainages shall not be plugged by roadbeds. Drainage crossings shall be constructed so as not to cause siltation or accumulation of debris. Where siltation or accumulation of debris occurs, the drainage crossing shall be reworked or relocated.
10. Broad-based drainage dips shall be constructed on long, steep road grades. Dips may be installed after temporary roadbeds have been constructed or during construction of permanent roads.
11. Low water crossings shall be used in temporary roads where road locations are more than one-half mile below the head of a drainage.
12. Access roads to well site shall be rehabilitated as shown in the Surface Use Standards and as required by the surface management agency's Authorized Officer.
13. If the road becomes a permanent road, the following will apply:
 - a. All permanent roads shall be constructed and maintained in good condition for vehicles. Roadway grades and widths for permanent roads must be approved.
 - b. Only one permanent road will be allowed to serve the lease area with one permanent road to each well.

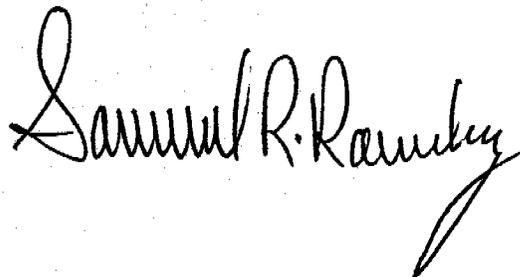
An archaeological evaluation was done by Powers Elevation for INCA Oil & Gas Corporation. No cultural resources were observed or recorded in the field and no National Register status sites will be affected by the drilling program. The cultural clearance is granted with the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

No threatened or endangered plant or animal species are known to inhabit the area.

No public land near the proposed drilling area is subject to the Wilderness Interim Management guidelines.

If the well is a dry hole but water is found, we would like to be advised of the depth the water is found and determine if we would like the water developed.



INCA OIL AND GAS, INC.
WRITER SQUARE OFFICE BUILDING, SUITE 970
1512 LARIMER STREET
DENVER, COLORADO 80202
(303) 893-1252

June 14, 1982

*Verbal
Approval*

Ms. Arlene Sollis
State of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

RE: Application to Drill
Gruver Federal #1-22

Dear Ms. Sollis:

Enclosed find our application to drill the Gruver Federal #1-22 located in Emery County. If there are any questions, please call me at (303) 893-1252.

Very truly yours,

INCA OIL & GAS, INC.

John McCatharn
John McCatharn
Engineer

JM/rv
Enclosures

RECEIVED

JUN 15 1982

DIVISION OF
OIL, GAS & MINING

** FILE NOTATIONS **

DATE: June 16, 1982
OPERATOR: Inca Oil & Gas Inc.

WELL NO: Burner Federal #1-22

Location: ^{NE NW} Sec. 22 T. 24S R. 16E County: Emery

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-015-30112

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: PER RULE C-3

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation F&D

Plotted on Map

Approval Letter Written

Hot Line

P.I.

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

MINERAL MANAGEMENT
Form Approved
Budget Bureau No. 42-R1425.
OIL & GAS OPERATIONS
RECEIVED

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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 Inca Oil & Gas, Inc.

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 At surface
 500' FNL and 2130' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
 At proposed prod. zone
 Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles south of Green River

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 500'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4385' GR

5. LEASE DESIGNATION AND SERIAL NO.
 U-38520 / 6 1982

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 SALT LAKE CITY, UTAH

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Gruver Federal

9. WELL NO.
 1-22

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
 Sec. 22, T24S-R16E

12. COUNTY OR PARISH 13. STATE
 Emery Utah

16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL
 2520 40

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
 4600' rotary

22. APPROX. DATE WORK WILL START*
 May 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.0#	500	sufficient to reach surface
7 7/8"	5 1/2"	15.5#	4600	depends on productive zones.

RECEIVED
 JUN 17 1982
 DIVISION OF
 OIL, GAS & MINING

See Attached:
 Ten Point Drilling Program
 Multipoint Surface Use and Operation Plan

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.

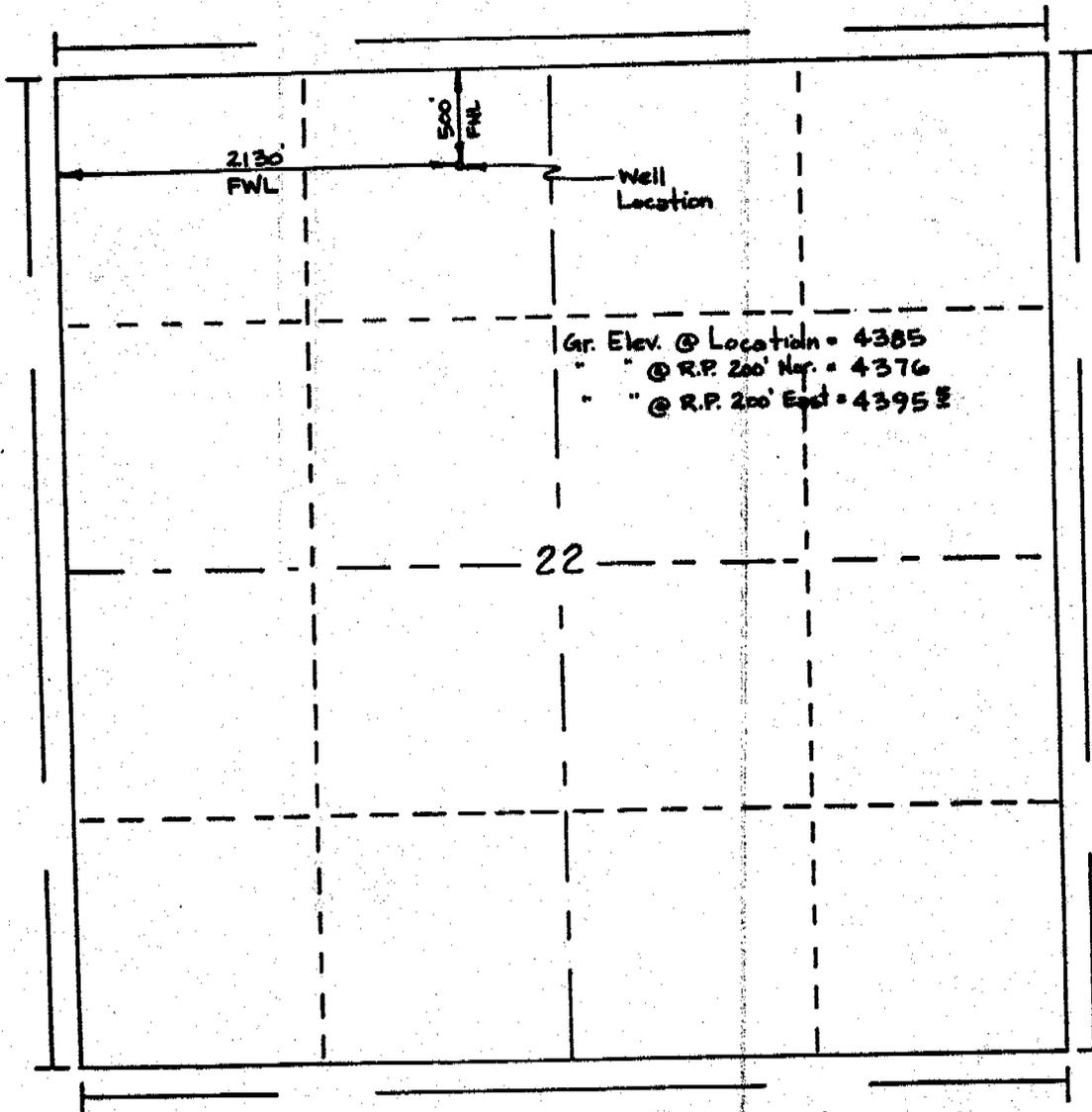
24. SIGNER [Signature] TITLE Agent DATE April 16, 1982

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] FOR E. W. GUYNN
 CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE JUN 15 1982

NOTICE OF APPROVAL
 CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY
 FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80
 State OIG



R. 16 E



T. 24 S

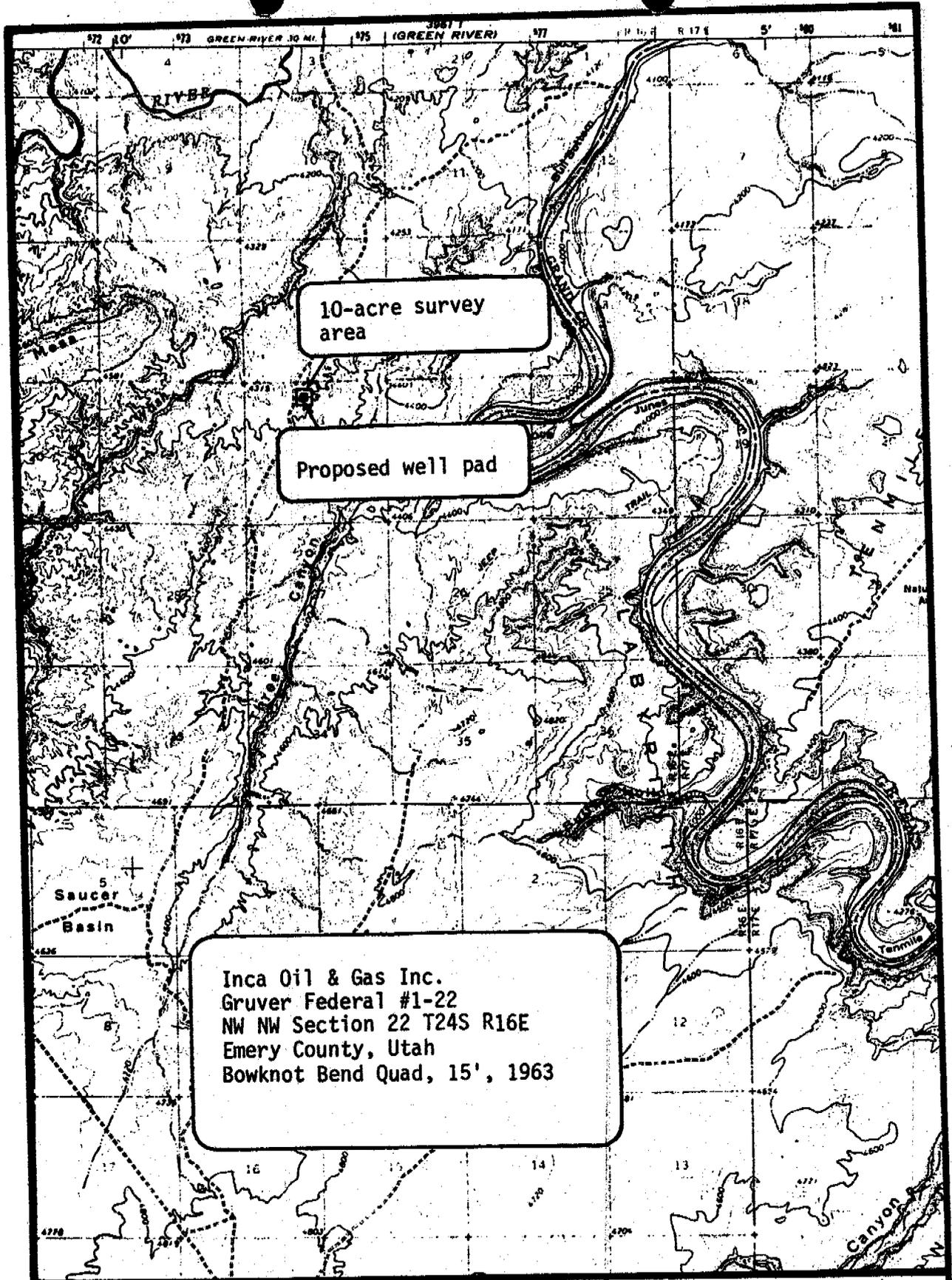
Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from JOHN McCATHRAN for INCA OIL & GAS INC. determined the location of 1-22 GRNER FEDERAL to be 500' FWL & 2130' FWL of Section 22 Township 24 South Range 16 East of the SALT LAKE Meridian EMERY County, UTAH

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

Date: APRIL 2, 1982

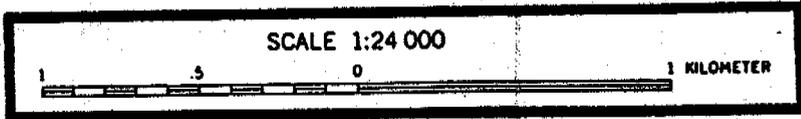
T. Nelson
 Licensed Land Surveyor No. 2711
 State of UTAH

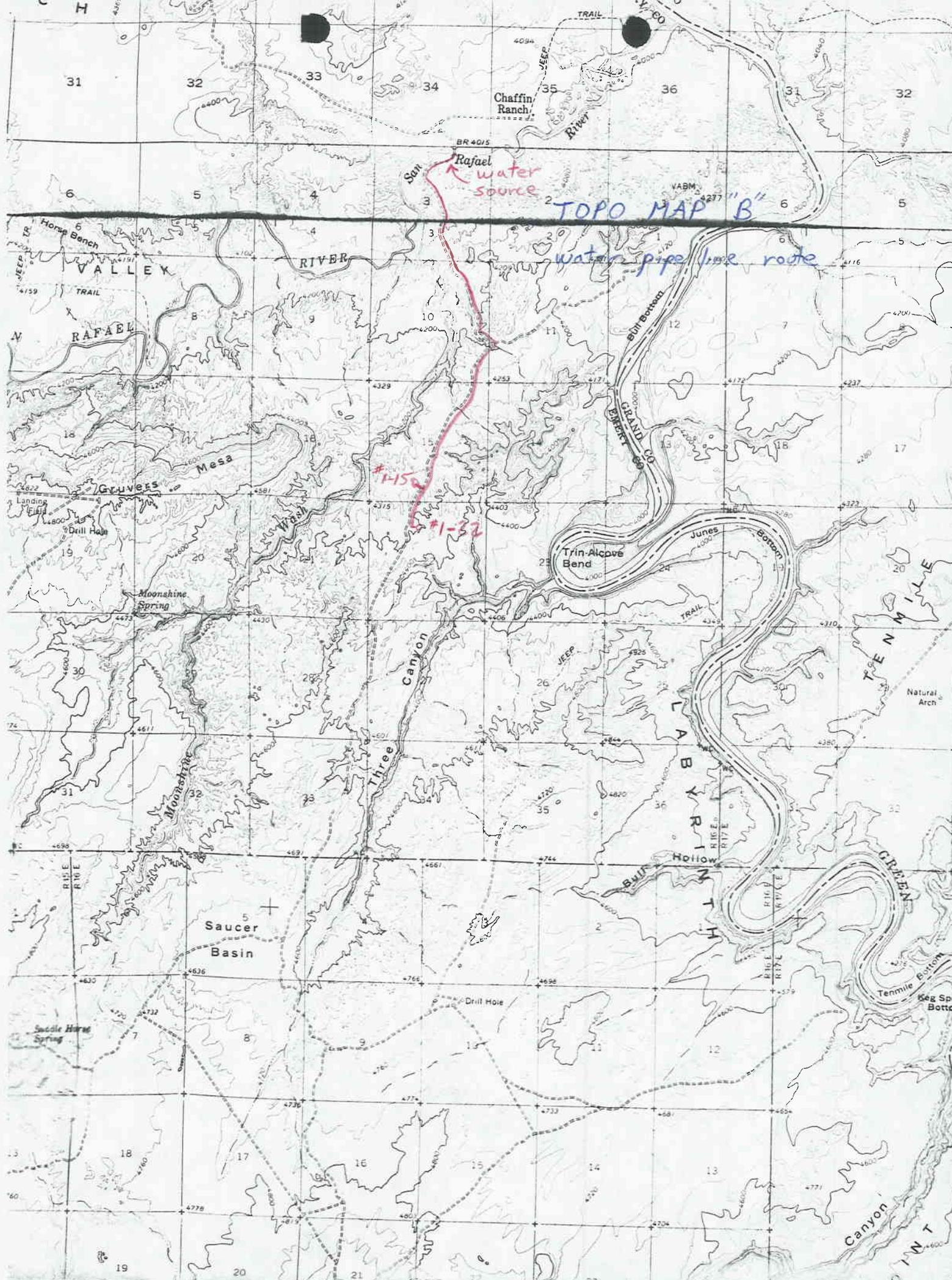


10-acre survey area

Proposed well pad

Inca Oil & Gas Inc.
Gruver Federal #1-22
NW NW Section 22 T24S R16E
Emery County, Utah
Bowknot Bend Quad, 15', 1963





Rotating Head no

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi Check

MANIFOLD

Size 2" Valves 2" Pressure 3000 psi

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attached for additional detail BOP Equipment will be installed

~~Prior to drilling out of surface casing, rams will be tested to 1000 psi with water.~~

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0' - 500'	Gel system	8.6 - 8.9	40-45	NC	Mud weights to 9.8 if water flow encountered
500' - 4600'	Gel-Lignite	8.9 - 9.1	35-40	10-12	

Possible Sub Normal Pressured Zones None expected

Possible Abnormal Pressured Zones Possible Navajo water flow.

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC no

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit	below surface pipe
Pit Volume Totalizer	no
Flow Line Sensor	no
Flow Line Temperature	no
Sour Gas Detector	no
Pump Stroke Counter	yes
Degasser	yes
Mud Gas Separator	no
Drilling Data Unit	no
Other	none

8) EVALUATION

A) Testing

Possible core in the Honaker Trail.
No DST's planned.

B) Logging

Depth
TD

Electric Wireline Logs:

Sonic - GR
CNL-FDC-GR
SP-electric-caliper

Interval
TD to base of
surface pipe

C) Coring

Formation

Type Core

Analysis

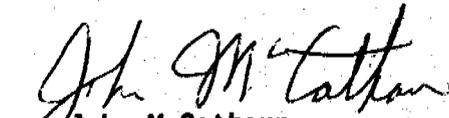
9) DRILLING HAZARDS

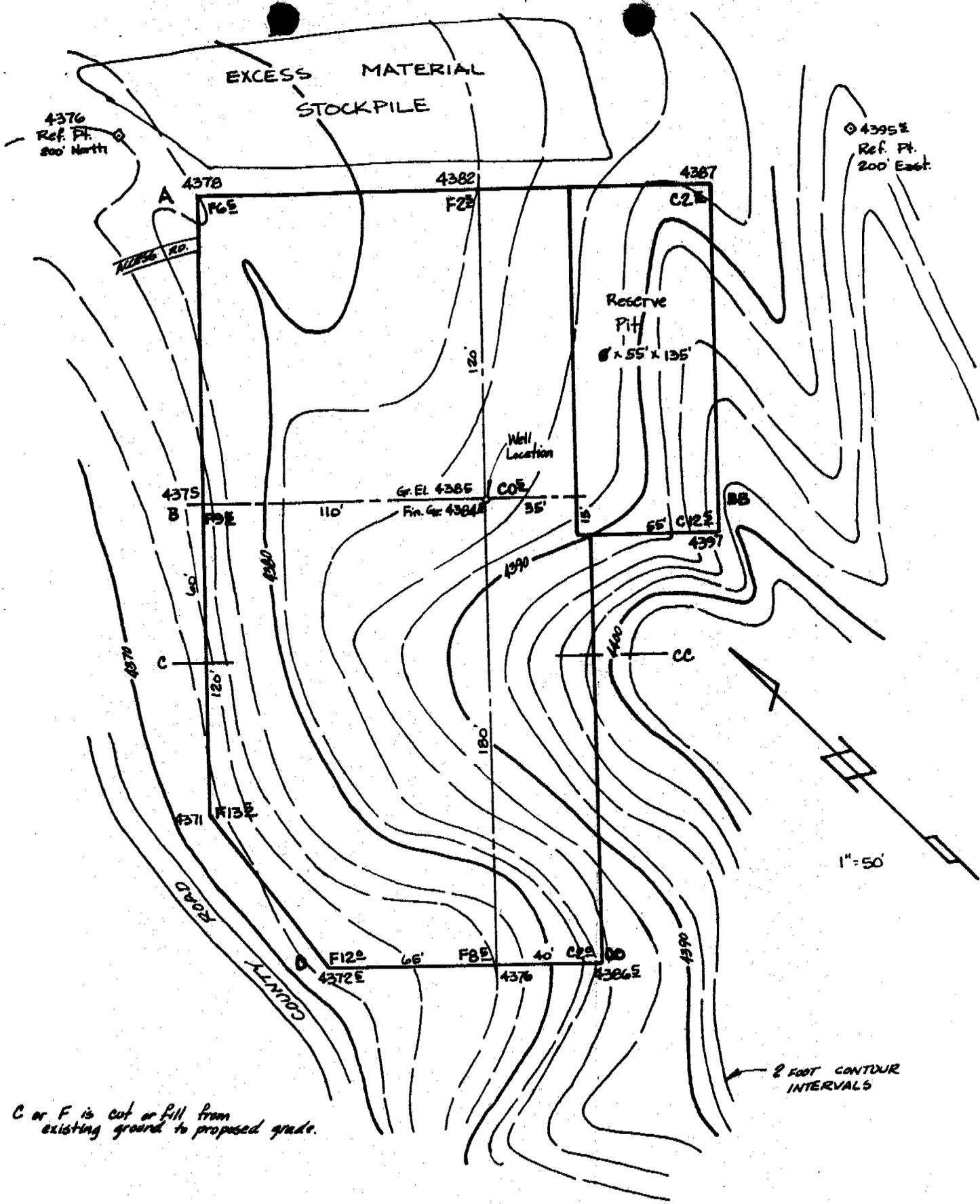
Possible water flow in Navajo sand requiring a mud weight-up.

10) Starting Date May 15, 1982

Duration: 27 days

Drilling Program prepared by:


John McCatharn
Engineer



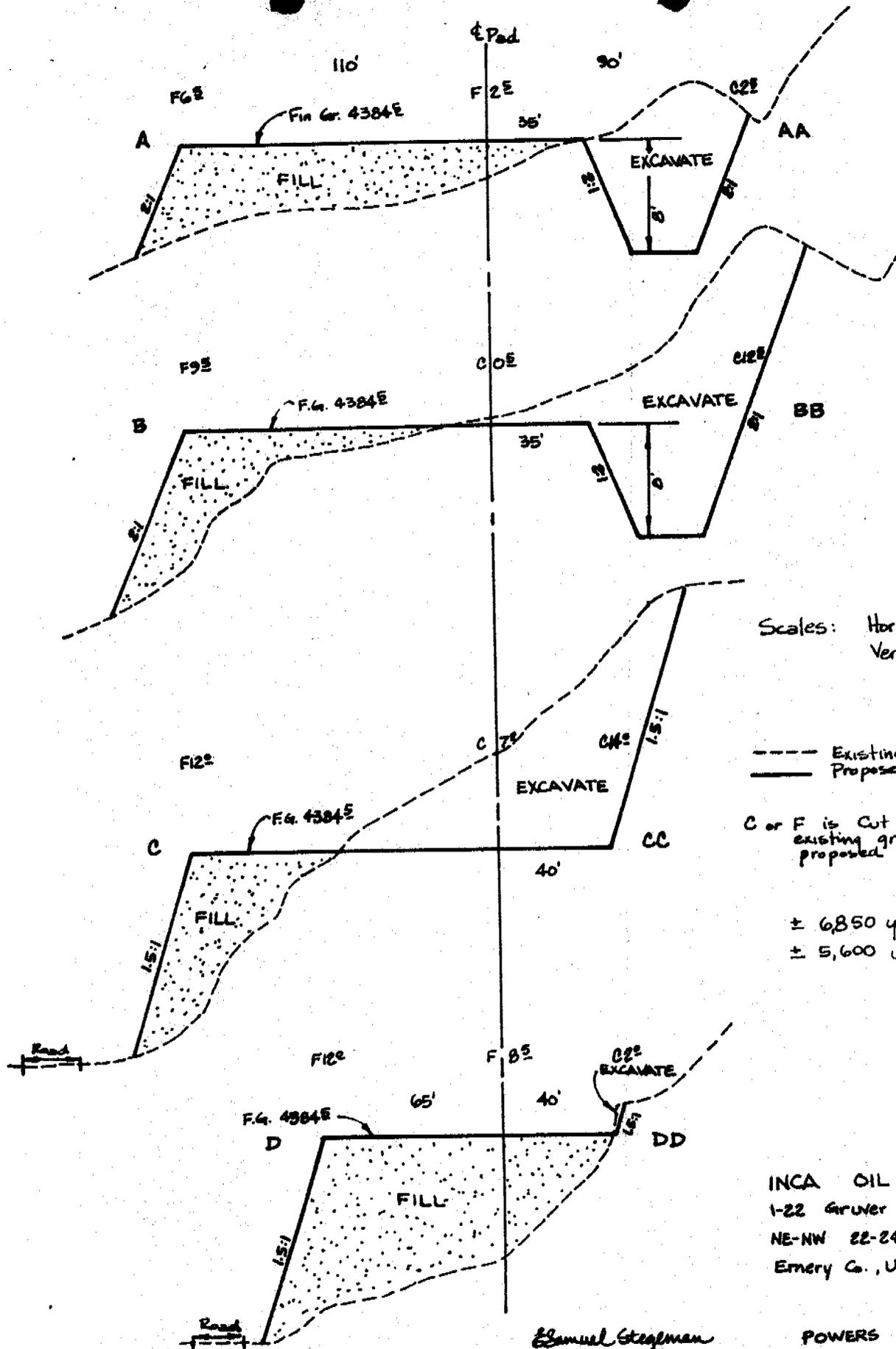
C or F is cut or fill from existing ground to proposed grade.

2 FOOT CONTOUR INTERVALS

INCA OIL & GAS INC.
 1-88 GRUVER FOR
 500' FWL } Sec. 22-T84S-R1GE
 8130' FWL }
 Emery Co., UTAH

prepared by E. Samuel Stegeman
 APRIL 2, 1982

POWERS ELEVATION CO.
 RICHFIELD, UTAH



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

--- Existing grade
— Proposed grade

C or F is Cut or Fill from existing ground to proposed grade.

± 6,850 yd³ Cut
± 5,600 yd³ Fill

INCA OIL & GAS INC.
1-22 Gruver Federal
NE-NW 22-24S-16E
Emery Co., Utah

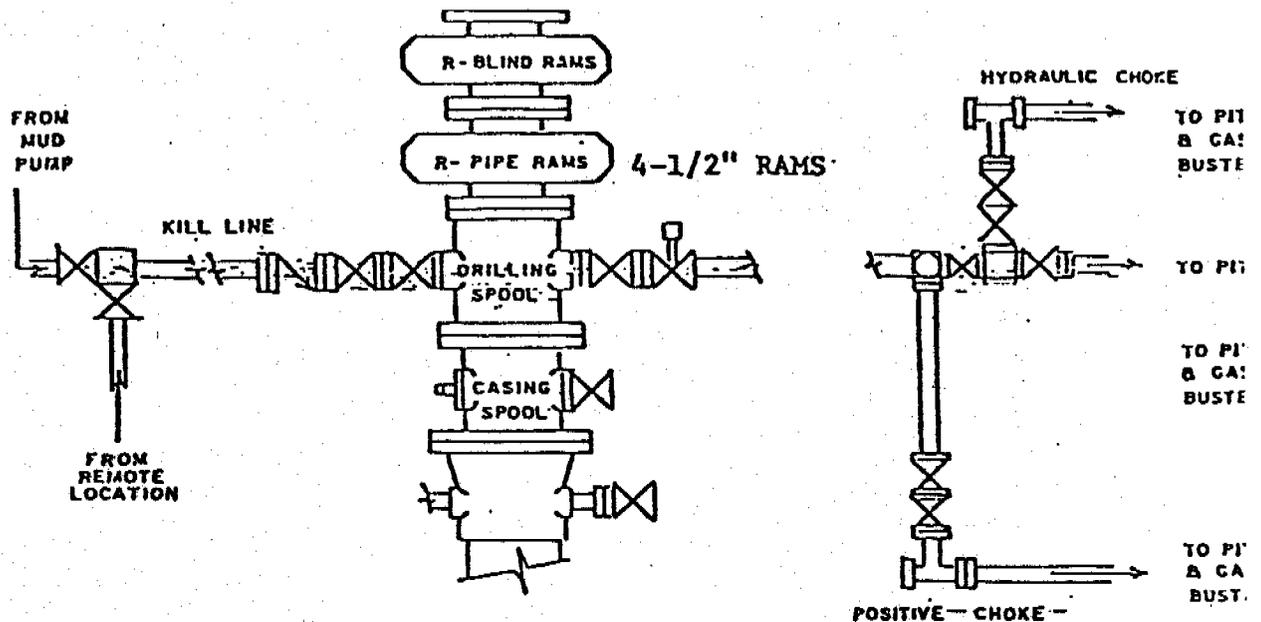
Samuel Stegeman
APRIL 1, 1982

POWERS ELEVATION CO.
RICHFIELD, UTAH

(EXHIBIT 1)

3000 psi

Working Pressure BOP's



Note: Pipe rams to be operated daily, Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

INCA OIL & GAS, INC.

**Multipoint Surface Use and Operation Plan
Gruver Federal 1-22
Section 22, Township 24 South, Range 16 East
Emery County, Utah**

1) EXISTING ROADS

Directions are:

Road access from Jct. Hwys Utah 95 and 24 (Hanksville, Utah) to locations, Inca Oil & Gas, Inc. Gruver Federal 1-22.

Beginning at Jct. 95 and 24;

go north on 24 for 15.9 miles (pt A) and turn right onto dirt road;

go 2.0 miles (pt B) and turn right onto dirt road;

go 8.6 miles (pt C) on dirt road to intersection fork and stay right;

go 12.9 miles (pt D) to intersection and sign post - take left to Horseshoe Canyon;

go 5.1 miles (pt E) to intersection and continue straight on main road;

go 5.3 miles (pt F) to trail and continue straight on main road;

go 3.8 miles (pt G) to fork in road and take left (main road);

go 7.5 miles (pt H) to access to 1-22 Gruver on right (\pm 200 feet);

A check by Mervin Miles of the BLM indicates that the roads used are all county roads. The county road runs through our lease and the well location border on the road so new roads will be needed.

The existing road should not require upgrading to use. See topo "Map" A.

2) PLANNED ACCESS ROAD

No new road will be required.

3) LOCATION OF EXISTING WELLS WITHIN A 2 MILE RADIUS

1. Water Wells - None known
2. Abandoned Wells - Roy Pledger Ruby #1 - SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec.15, T24S-R16E
3. Temporarily abandoned wells - None
4. Disposal wells - None
5. Drilling wells - None
6. Producing wells - None
7. Shut-in wells - None
8. Injection wells - None
9. Monitoring or observation wells - None

Onsite inspection field comments:

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time, there are no Inca Oil & Gas batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a one mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

Onsite Inspection Field Comments:

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be pumped from a point on the San Rafael River approximately 3 miles north of the locations. The water line will be laid along the existing county road.

A state water permit for pumping has been applied for. See topo map B for route.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit will be constructed.

The reserve pit will be approximately 12' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be completely enclosed on all sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence. See attached Location Layout Sheet.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

10) PLANS FOR RESTORATION OF SURFACE (Continued)

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the BLM when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope. The surface formation is the Entrada Sandstone. A detailed report on soils and vegetation is included in the attached archeological report. General use of the surface is grazing. No occupied dwellings are located nearby.

Onsite inspection field comments:

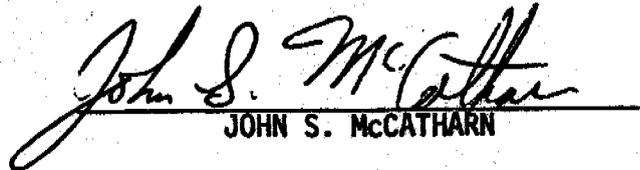
12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

John McCatharn

Inca Oil & Gas, Inc.
1512 Larimer, Writer Square
Office Building, Suite 970
Denver, Colorado 80202

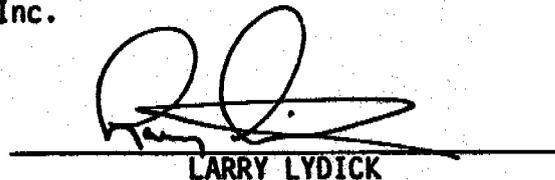
13) CERTIFICATION

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 Inca Oil & Gas, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.



JOHN S. McCATHARN

I hereby certify that John S. McCatharn as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Inca Oil & Gas, Inc.



LARRY LYDICK

Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

BLM Report ID No. 1 4 10

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

Report Title G R U V E R F E D E R I A L 1 - 2 2 W E L L 40

Development Company Inca Oil & Gas Inc.

Report Date 04 1982

4. Antiquities Permit No. 81-UT-170

Responsible Institution P O W E R S I E L L E V I A T I O N County Emery

Fieldwork Location: TWN 24S Range 16E Section(s) 22 70 71 72 73 74 75 76 77
 TWN 78 81 Range 82 85 Section(s) 86 87 88 89 90 91 92 93
 Resource Area SIR TWN 94 97 Range 98 101 Section(s) 102 103 104 105 106 107 108 109

PO= PONY EXPRESS, BR= BEAR RIVER, PR= PRICE RIVER, WS= WARM SPRINGS
 BC= BOOK CLIFFS, HR= HOUSE RANGE, SF= SEVIER RIVER,
 HM= HENRY MOUNTAINS, BE= BEAVER RIVER, DX= DIXIE
 KA= KANAB, ES= ESCALANTE, SJ= SAN JUAN, GR= GRAND
 SR= SAN RAFAEL, DM= DIAMOND MOUNTAIN

Fill in spaces 65, 69, 81, 85, 97, 101 Only if:
 V= Vernal Meridian
 H= Half Township

Description of Examination Procedures: On April 1, 1982, Fred P. Frampton surveyed a ten-acre area surrounding the centerstake of a proposed two-acre well pad. The survey was conducted by walking across the area in a series of parallel, north-south, 15-meter wide transects. Access to the pad from an improved road was examined within the ten-acre survey.

Linear Miles Surveyed and/or 112 117
 Definable Acres Surveyed and/or 118 123
 * Legally Undefinable Acres Surveyed 110
 (* A parcel hard to cadastrally locate i.e. center of section)

10. Inventory Type I 130

R= Reconnaissance
 I= Intensive
 S= Statistical Sample

Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 131 135
 No sites = 0

No cultural resources were found. Numerous chert nodules are found in the area, most of which are too fractured for flaking. Nodules and chert deposits in this general area are known to have been utilized aboriginally.

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

Actual/Potential National Register Properties Affected: Because no sites were found, there are no National Register recommendations. In addition, a review of the BLM files indicates there are no sites on or eligible for nomination to the National Register in the general area.

5. Conclusion/Recommendations:
 Since no sites were found, there will be no effect to cultural resources by the completion of this project. Archaeological clearance is recommended for the construction of Inca Oil & Gas Inc., Gruver Federal #1-22 well.

6. Signature and Title of Institutional Officer Responsible Marcia J. Tate
Principal Investigator

Note: Include only requested information in numbered spaces.
 * For extra locationals use additional 8100-3 forms.

Inca Oil & Gas Inc.
Gruver Federal #1-22
Continuation Page

8. Description of Examination Procedures: A file search conducted April 1, 1982, at the San Rafael and Price River Resource Area, Bureau of Land Management, in Price, Utah revealed one previous survey, a seismic line crossing this section. No sites have been recorded in Section 22. A file search conducted on March 25, 1982, with Janice Reed of the Division of State History, revealed no known historic sites located within the project area.

Inca Oil & Gas Inc.
Gruver Federal #1-22
NW NW Section 22 T24S R16E
Emery County, Utah



Looking northeast

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

SALT LAKE CITY, UTAH

MAY 20 1982

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

PROJECT IDENTIFICATION

Operator INCA OIL AND GAS, INC.

Project Type OIL WELL

Project Location NE/4 NW/4 SEC 22 T 24S R16E

Well No. 1-22 Lease No. U-38520

Date Project Submitted 4/23/82

FIELD INSPECTION

Date WAIVED BY BLM AND MMS

(SEE MEMORANDUM TO WELL FILE, DATED 5/14/82)

Field Inspection
Participants

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

5/20/82
Date Prepared

George J. Durachuk
Environmental Scientist

I concur

MAY 20 1982
MAY 20 1982
Date

W.P. Maitte FOR E. W. GUINN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

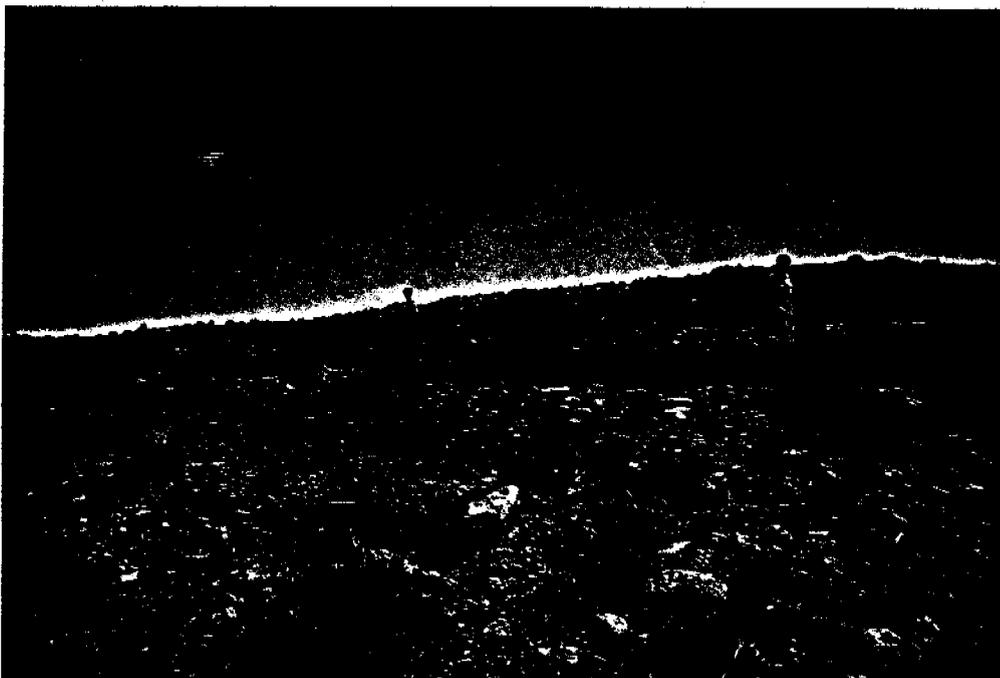
CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety						2	6	6 [*] (WAIVED) ↓	4,8
2. Unique charac- teristics	1 (5-5-82) ↓					2	6	6	4,8
3. Environmentally controversial	1						6	6	4,8
4. Uncertain and unknown risks							6	6	4,8
5. Establishes precedents	1						6	6	4,8
6. Cumulatively significant							6	6	4
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1						6	6	4,8

* SEE MEMORANDUM TO WELL FILE DATED 5/14/82

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill AND ADDENDUM TO DRILLING PROGRAM
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. MEMORANDUM TO WELL FILE FROM ENVIRONMENTAL SCIENTIST DATED 5/14/82



RECOMMENDED SITPOLATIONS

1. SINCE HYDROGEN SULFIDE GAS MAY BE ENCOUNTERED DURING DRILLING, THE FOLLOWING SAFETY PRECAUTIONS WILL BE TAKEN:
 - A. 2 WINDSOCKS WILL BE INSTALLED AT STRATEGIC LOCATION ON THE WELLSITE
 - B. H₂S DETECTORS WILL BE INSTALLED AT THE CELLAR OR BELL NIPPLE AND AT THE MUDTANKS AT THE SHAKE SHAKER.
 - C. ADEQUATE SUPPLIES OF MUD ADDITIVES AND SCAVANGERS WILL BE ON LOCATION FOR H₂S OPERATIONS.
 - D. ALL DRILLING EQUIPMENT SHALL MEET STANDARDS FOR H₂S SERVICE
2. IF H₂S GAS IS ENCOUNTERED, OPERATIONS MUST CEASE UNTIL AN H₂S CONTINGENCY PLAN CAN BE IMPLEMENTED. THE PLAN SHALL INCLUDE MEASURES FOR INSURING SAFETY OF EMPLOYEES AND THE PUBLIC. A COPY OF THE PLAN WILL BE FURNISHED TO MMS FOR REVIEW AND CONCURRENCE.
3. THE ADDENDUM TO THE DRILLING PROGRAM SUBMITTED TO MMS ON MAY 17, 1982 WILL BE INCORPORATED INTO THE APD
4. ALL FRESH WATER AQUIFERS PENETRATED MUST BE ADEQUATELY ISOLATED AND PROTECTED

June 21, 1982

Inca Oil & Gas Inc.
1512 Larimer St., Suite 970
Denver, Colorado 80202

RE: Well No. Gruver Federal #1-22
Sec. 22, T24S, R16E
Emery County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

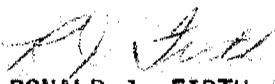
CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

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

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

The API number assigned to this well is 43-015-30112.

Sincerely,


RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Inca Oil & Gas

WELL NAME: Gruver Federal 1-22

SECTION NENW 22 TOWNSHIP 24 S RANGE 16 E COUNTY Emery

DRILLING CONTRACTOR Shelby

RIG # 10

SPUDDED: DATE 7-6-82

TIME 4:00 PM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY John McCathern

TELEPHONE # 303-893-1252

DATE 7-6-82 SIGNED AS

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE
(See instructions on reverse side)

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

3

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. REVR. Other None

2. NAME OF OPERATOR
Inca Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
1512 Larimer St., Ste. 970, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 500' FNL and 2130' FWL (~~NE NW~~) NE NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-38520

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gruver Federal

9. WELL NO.
#1-22

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 22-T24S-R16E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

15. DATE SPUDDED 7-7-82 16. DATE T.D. REACHED 7-23-82 17. DATE COMPL. (Ready to prod.) abandoned 7-24-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4398' KB 19. ELEV. CASINGHEAD 4385'

20. TOTAL DEPTH, MD & TVD 4600' 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY? _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS R'N
DIL-SFI CNL-FDC-GR Sonic

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8"</u>	<u>24#</u>	<u>1110</u>	<u>12 1/4"</u>	<u>600 SX</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
<u>None</u>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION None PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P&A

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

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

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

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 John M. Catton TITLE Engineer DATE 7-28-82

*(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: "Sucks 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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		MEAS. DEPTH	TRUE VERT. DEPTH
No DST's, No cores, No porous zones			Wingate Moenkopi Coconino Honaker Trail
		870 1405 2120 2765	

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
Inca Oil & Gas, Inc.
- 3. ADDRESS OF OPERATOR
1512 Larimer St., Ste. 970, Denver, CO 80202
- 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 500' FNL and 2130' FWL (NE1NE1)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
- 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)

SUBSE... RECEIVED
AUG 02 1981
DIVISION OF
OIL, GAS & MINING

- 5. LEASE
U-38520
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME
Gruver Federal
- 9. WELL NO.
#1-22
- 10. FIELD OR WILDCAT NAME
Wildcat
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22-T24S-R16E
- 12. COUNTY OR PARISH Emery 13. STATE Utah
- 14. API NO.
43-015-30112
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
338' KB

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.)*

Permission to plug this well was received verbally from Bill Martens as follows:

- 200' cement plug 2865'-2665' (across top of Honaker Trail)
- 200' cement plug 2220'-2020' (across top of Coconino)
- 200' cement plug 1210'-1010' (across base of surface pipe)
- 10' cement plug surface This plug was to be left out if water sands were present.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED John M. Tetter TITLE Engineer DATE 7-27-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

DATE: 8/4/82
BY: [Signature]

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
Inca Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
1512 Larimer St., Ste. 970, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 500' FNL and 2130' FWL (NE½NE¼)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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)

SUBSEQUENT REPORT OF:

(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.)*

Permission to plug this well was received verbally from Bill Martens as follows:

- 200' cement plug 2865'-2665' (across top of Honaker Trail)
- 200' cement plug 2220'-2020' (across top of Coconino)
- 200' cement plug 1210'-1010' (across base of surface pipe)
- 10' cement plug surface A dry hole marker was set also.

Subsurface Safety Valve: Manu. and Type

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

SIGNED John M. Cather TITLE Engineer

DATE 7-28-82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

AUG 03 1982

REPORT OF WATER ENCOUNTERED DURING DRILLING

DIVISION OF
OIL, GAS & MINING

Well Name & Number Gruver Federal 1-22

Operator Inca Oil & Gas, Inc. Address 1512 Larimer St., Ste. 970, Denver, CO 80202

Contractor Shelby (rig 10) Address _____

Location NE 1/4 NE 1/4 Sec. 22 T. 24S R. 16E County Emery

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None found.</u>		
2.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continue of reverse side if necessary)

Formation Tops Wingate - 870, Moenkopi - 1405, Coconino - 2120, Honaker Trail - 2765

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

[Handwritten signature]

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER dry hole		5. LEASE DESIGNATION AND SERIAL NO. U-38520
2. NAME OF OPERATOR Inca Oil & Gas, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1512 Larimer St., Ste. 970, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 500 FNL and 2130' FWL (NE $\frac{1}{4}$ NE $\frac{1}{4}$)		8. FARM OR LEASE NAME Gruver Federal
14. PERMIT NO. 43-015-30112	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4398' KB	9. WELL NO. #1-22
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.22-T24S-R16E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

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

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

(Other) monthly operations summary

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

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

This well was spudded 5:00 P.M. 7-7-82. A 12 1/4" hole was drilled to 1110'. 8 5/8" 24# K-55 STC casing was run to that depth and cemented with 600 sx cement. A 7 7/8" hole was drilled to a total depth of 4600'. The well was abandoned and the rig released at 12:00 P.M. 7-24-82.

RECEIVED
AUG 05 1982

DIVISION OF
OIL, GAS & MINING

[Handwritten signature]
8-10-82

18. I hereby certify that the foregoing is true and correct
SIGNED John M. Catron TITLE Engineer DATE 7-26-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: