

CP

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **4-23-84**

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. **U-015639-A** INDIAN \_\_\_\_\_

DRILLING APPROVED: **9-7-84 - OIL**

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: **LA 10-4-85**

FIELD: **3/86 GRASSY TRAIL**

UNIT: \_\_\_\_\_

COUNTY: **EMERY**

WELL NO. **BOLINDER 4-12** API #**43-015-30191**

LOCATION **1900' FNL** FT. FROM (N) (S) LINE. **565' FWL** FT. FROM (E) (W) LINE. **SWNW** 1/4 - 1/4 SEC. **12**

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

**16S 12E 12 MEGADON ENTERPRISES INC**

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 [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR MEGADON ENTERPRISES INC

3. ADDRESS OF OPERATOR 57 WEST SOUTH TEMPLE, STE. 253, SALT LAKE CITY, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At surface [X] SW 1/4 NW 1/4 SECTION 12, T 16S, R 12E, SLM. At proposed prod. zone 565' FR. W-LINE AND 1900' FR. N-LINE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* APPROXIMATELY 20 MILES SE. OF PRICE, UTAH

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 565'

16. NO. OF ACRES IN LEASE 160 ACRES

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300'

19. PROPOSED DEPTH 3800 FT.

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5328' GRD; 5340' K.B.

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 4 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH. Row 1: 11", 8 5/8", 24.00#, 3500'

RECEIVED

APR 23 1984

DIVISION OF OIL GAS & MINING

IT IS PLANNED TO DRILL A WELL AT THE ABOVE LOCATION TO TEST THE PROSPECTIVE POSSIBILITIES OF THE PAY ZONES IN THE MOENKOPF FORMATION. A JOINT OF 13 3/8" CASING WILL BE SET AND CEMENTED TO THE SURFACE TO ACT AS A CONDUCTOR PIPE. AN ELEVEN INCH HOLE WILL THEN BE DRILLED USING WATER FOR CIRCULATION DOWN TO A DEPTH OF ABOUT 3500' (50' ABOVE THE PAY ZONES) AND 8 5/8" CASING WILL THEN BE SET AND CEMENTED THOROUGHLY ALL THE WAY TO THE SURFACE. BLOWOUT PREVENTER HEAD WILL THEN BE INSTALLED ON THE CASING, AND THE PAY ZONES WILL BE DRILLED WITH AIR. THE HOLE WILL BE BOTTOMED AT A POINT JUST ABOVE THE SINBAD SECTION. SEE ATTACHED PROGNOSIS.

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

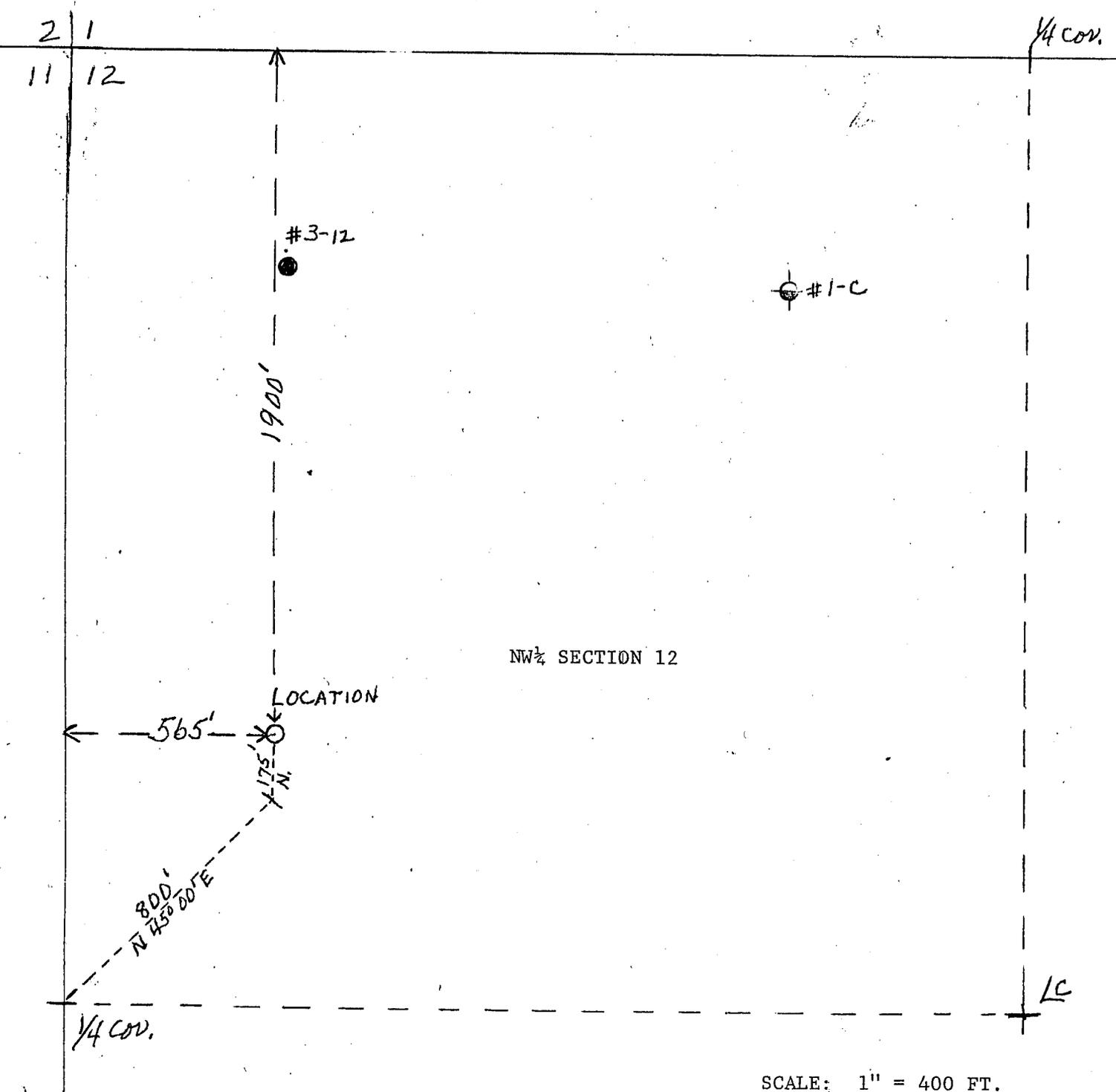
24. SIGNED H. Ron Grigley TITLE PRESIDENT

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO. U-015639-A
6. INDIAN ALLOTTEE OR TRIBE NAME
7. AGREEMENT NAME
8. OR LEASE NAME
9. FEDERAL WELL NO.
10. FIELD AND FOOT, OR SURVEY OR SUBDIVISION
11. COUNTY OR PARISH STATE
12. COUNTY OR PARISH STATE
13. APPROX. DATE WORK BEGAN
14. APPROX. DATE WORK BEGAN
15. APPROX. DATE WORK BEGAN

SURVEY PLAT FOR  
 BOLINDER #4-12 WELL  
 SW. NW. SECTION 12-16S-12E.  
 ELEVATION: 5328' GRD.  
 (LOCATION IS 565' FR. W-LINE AND 1900' FR. N-LINE)



NW 1/4 SECTION 12

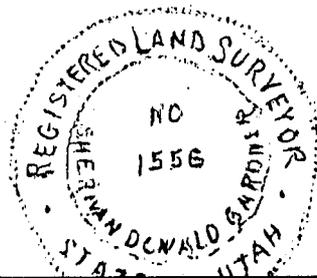
LOCATION

NOTE: SEE LOCATION PLAT

SCALE: 1" = 400 FT.

I, Sherman D. Gardner, do hereby certify that this plot was plotted from notes of a field survey made under my direct responsibility, supervision, and checking on April 4, 1984.

*Sherman D. Gardner*  
Sherman D. Gardner  
 Registered Land Surveyor



PROGNOSIS FOR  
BOLINDER #4-12 WELL  
EMERY COUNTY, UTAH

OPERATOR: Megadon Enterprises Inc., Salt Lake City, Utah

LOCATION: SW. NW, Section 12, T 16S, R 12E, SLM., Emery County, Utah  
(600' From N-line and 600' from W-line)

ELEVATIONS: 5328' Surface; 5340' K.B.

CONDUCTOR HOLE: 17½" to 40' and set one jt. (40') of 13 5/8" casing for conductor, cement to surface.

SURFACE HOLE: 11" Hole to about 3500'.

SURFACE CASING: 8 5/8", 24.00#, K-55, 8-rd, LTC set at 3500' and cemented with 200 sks of RFC cement and 500 sks of Pozmix cement with returns to the surface.

1. Estimated Formation Tops:

<u>Formation</u>	<u>Depth To Top</u>	<u>Thickness</u>	<u>Datum</u>
Cedar Mountain	Surface	420'	5340'
Morrison	420'	640'	4920'
Summerville	1060'	150'	4280'
Curtis	1210'	210'	4130'
Entrada	1420'	320'	3920'
Carmel	1740'	250'	3600'
Navajo	1990'	400'	3350'
Kayenta	2390'	110'	2950'
Wingate	2500'	400'	2840'
Chinle	2900'	200'	2440'
Shinarump	3100'	90'	2240'
Moenkopi*	3190'	580'	2150'
TOTAL DEPTH	3770'		

\*The oil producing zones in the Moenkopi should appear in the section between 3500' and 3750'.

2. The surface hole will be drilled with water and light mud using about a 11" bit. (Bit size will be determined by the available bit at the time.) The surface hole will be kept within 2½° of vertical. The surface casing will be set and thoroughly cemented with returns to the surface. Approximately 4 hours will be allowed for the cement to set. Blowout preventer with hydraulic pipe and blind rams will then be installed on top of the casing. A rotating head will be installed on the top of the BOP and/or hydril and approximately 100 feet of blewie line laid with the end of the line located

in the reserve pit. The BOP and surface casing will then be tested to 2000# pressure for leaks. Fill and kill lines will be connected to the casing head below the blind rams. The surface hole will be drilled to a depth of about 3500' and then logged electrically. (Only a Gamma Induction log needs to be run on this part of the hole.) After logging, 8 5/8" casing will be run and cemented as indicated above.

3. A 7 7/8" hole will then be drilled below the surface casing (from 3500' to about 3770') using air for circulation. In the event of water or oil, the air may have to be converted to air/mist for proper cleaning of the hole and/or to prevent fire in the hole. The lower part of the hole, 3500' to T.D., will then be filled with about 100 viscosity mud to permit logging electrically. Gamma Induction and Gamma Density Neutron logs will be run on this portion of the hole. A decision to core thru some of the pay zones may be made during the drilling operations.
4. It is anticipated that lower part of the hole will be left open and the pay zones will be produced open hole. At a later date, some horizontal drain holes may be drilled to improve production.
5. No abnormal conditions are anticipated. The area does not have a history of high pressure natural gas or any toxic gases. Some water flows may be encountered in the Navajo and/or Wingate formations and these will be cased off as indicated above.
6. The anticipated starting date is approximately June 1, 1984 and it should take about 15 days to drill and about 15 days to complete.

BUREAU OF LAND MANAGEMENT

MOAB DISTRICT

CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Company MEGADON ENTERPRISES INC. Well No. 4-12  
Location SW. NW, SECTION 12-16S-12E., SLM Lease No. U-015639-A  
Onsite Inspection Date APRIL 18, 1984

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops: \_\_\_\_\_

SEE ATTACHED PROGNOSIS

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Zone</u>
Expected oil zones:	MOENKOPI	3550-3750'
Expected gas zones:	NONE	
Expected water zones:	NAVAJO	2000-2400'
<del>Expected mineral zones:</del>	WINGATE	2500-2900'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: BLOW OUT PREVENTER WITH HYDRAULICALLY OPERATED BLIND AND PIPE RAMS: PLUS ROTATING HEAD. RAMS WILL BE TESTED TO 2000#.

Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure-tested before drilling casing cement plugs.

4. Casing Program and Auxiliary Equipment: 1 JT. (40 FT.) 13 3/8"  
SET AND CEMENTED TO SURFACE FOR CONDUCTOR PIPE. 8 5/8" CASING  
SET AT APPROXIMATELY 3500' AND CEMENTED TO SURFACE.

5. Mud Program and Circulating Medium: WATER TO 3500 FEET.  
AIR AND/OR AIR MIST FROM 3500' TO 3750'.

6. Coring, Logging and Testing Program: NONE

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than fifteen (15) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards: NO KNOWN HAZARDS IN AREA.  
BOTTOM HOLE PRESSURE - 800# MAXIMUM

8. Anticipated Starting Dates and Notifications of Operations:

Location construction: MAY 25, 1984

Spud date: JUNE 1, 1984

The operator will contact the PRICE RIVER Resource Area at PRICE, UTAH, forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended prior approval of the District Manager will be obtained and a notification given before resumption of operations.

The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than the five (5) days following the date on which the well is placed on production. A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Manager. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will

indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the District Manager, or the appropriate surface managing agency.

Other \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

a. Location of proposed well in relation to town or other reference point: APPROXIMATELY 20 MILES SE. OF PRICE, UTAH AND 4½ MILES SOUTH OF HWY. 6. SEE MAP #1  
\_\_\_\_\_  
\_\_\_\_\_

b. Proposed route to location: PRESENT ROADS USED RIGHT TO LOCATION. SEE MAP #1  
\_\_\_\_\_  
\_\_\_\_\_

c. Location and description of roads in the area: SEE MAP #1. PRESENTLY USED COUNTY ROADS ARE GRAVELLED AND/OR MADE OF NATURAL MATERIAL.  
\_\_\_\_\_  
\_\_\_\_\_

d. Plans for improvement and/or maintenance of existing roads: ROADS NOT MAINTAINED BY THE COUNTY WILL BE MAINTAINED BY OPERATORS IN THE AREA.  
\_\_\_\_\_  
\_\_\_\_\_

e. Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Planned Access Roads:

a. Width: LOCATION IS BESIDE A PRESENT ROAD AND NO ACCESS ROAD IS REQUIRED.  
\_\_\_\_\_  
\_\_\_\_\_

4. Location of Tank Batteries and Production Facilities:

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

Tank batteries will be placed on the: SEE ATTACHED PLAT #3.  
TANK BATTERIES WILL BE PLACED ON GRAVEL PADS ABOUT 150 FT. FROM  
WELL AND SURROUNDED BY A BERM OF SUFFICIENT SIZE AND HEIGHT TO  
CONTAIN CAPACITY OF TANKS.

All loading lines will be placed ~~inside~~ <sup>WITH OUTLET OUTSIDE WITH DRIP BARREL</sup> the berm surrounding the tank battery.

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

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

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

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

The oil and gas measurement facilities will be installed on the well location. The ~~oil and~~ gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Brice River Office. All meter measurement facilities will conform with ~~the API standards for liquid hydrocarbons and~~ the AGA standard for natural gas measurement.

b. Maximum grades: 3%

c. Turnouts: NONE

d. Location (centerline): NONE

e. Drainage: BAR DITCHES

f. Surface materials (source): NATURAL MATERIAL

g. Other: \_\_\_\_\_

All travel will be confined to existing access road rights-of-way.

The access road will be rehabilitated or brought to Class III Road Standards within sixty (60) days of dismantling of the drilling rig.

If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

The Class III Road Standards, which shall ensure drainage control over the entire road through the use of natural, rolling topography, ditch turnouts, drainage dips, outsloping, crowning, low water crossings, and culverts when necessary, will be determined at the appropriate field inspection.

3. Location of Existing Wells: SEE MAP #1

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from:  
COTTONWOOD CREEK AND PUMPED TO THE LOCATION.

6. Source of Construction Material:

Road surfacing and pad construction will be obtained from:  
NATURAL SOIL - BASAL MANCOS SHALE

The use of materials under BLM jurisdiction will conform to  
43 CFR 1610.2-3.

Construction material (will ~~not~~) be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit (will/will not) be lined: UNLESS SUB-SURFACE  
APPEARS FRACTURED AND BROKEN.

Burning (will/will not) be allowed. All trash must be con-  
tained and disposed of by: PLACING IN A GARBAGE BIN AND THEN  
HAULED TO THE PRICE CITY.

Other: \_\_\_\_\_

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

8. Ancillary Facilities:

Camp facilities (~~will~~/will not) be required. They will be located: ONE OR TWO HOUSE TRAILERS MAY BE PLACED ON LOCATION FOR SUPERVISORY PERSONNEL.

9. Well te Layout:

The r ervice pit will be located: SEE ATTACHED PLAT #2.

The s ckpiled topsoil will be stored: 8" OF TOPSOIL WILL BE STRIPPED AND PLACED IN WINDROWS ON THE EAST, NORTH, AND WEST SIDES OF THE PAD AS SHOWN ON PLAT #2.

Access to the well pad will be from: A PRESENT ROAD GOING TO THE SKYLINE #a1-13 WELL.

The trash <sup>BIN</sup>~~box~~ will be located: ON THE EDGE OF THE LOCATION.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. FOUR STRAND BARBED WIRE FENCE.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. ALL DEBRIS, EXCESS EQUIPMENT AND JUNK WILL BE REMOVED FROM THE LOCATION AS SOON AS THE DRILLING AND COMPLETION RIGS ARE REMOVED.

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 currently 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:

MEGADON ENTERPRISES INC.

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/20/84

date

*H. Ron Quigley - Pres*  
Name and Title

ONSITE

DATE: \_\_\_\_\_

PARTICIPANTS:

TITLES:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Your contact with the District Office is: \_\_\_\_\_

Office Phone: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Resource Area Manager's address and contacts are:

Address: \_\_\_\_\_

Your contact is: \_\_\_\_\_

Office Phone: \_\_\_\_\_

Map #1

TOPOGRAPHICAL SURVEY

MOUNDS QUADRANGLE  
UTAH

7.5 MINUTE SERIES (TOPOGRAPHIC)

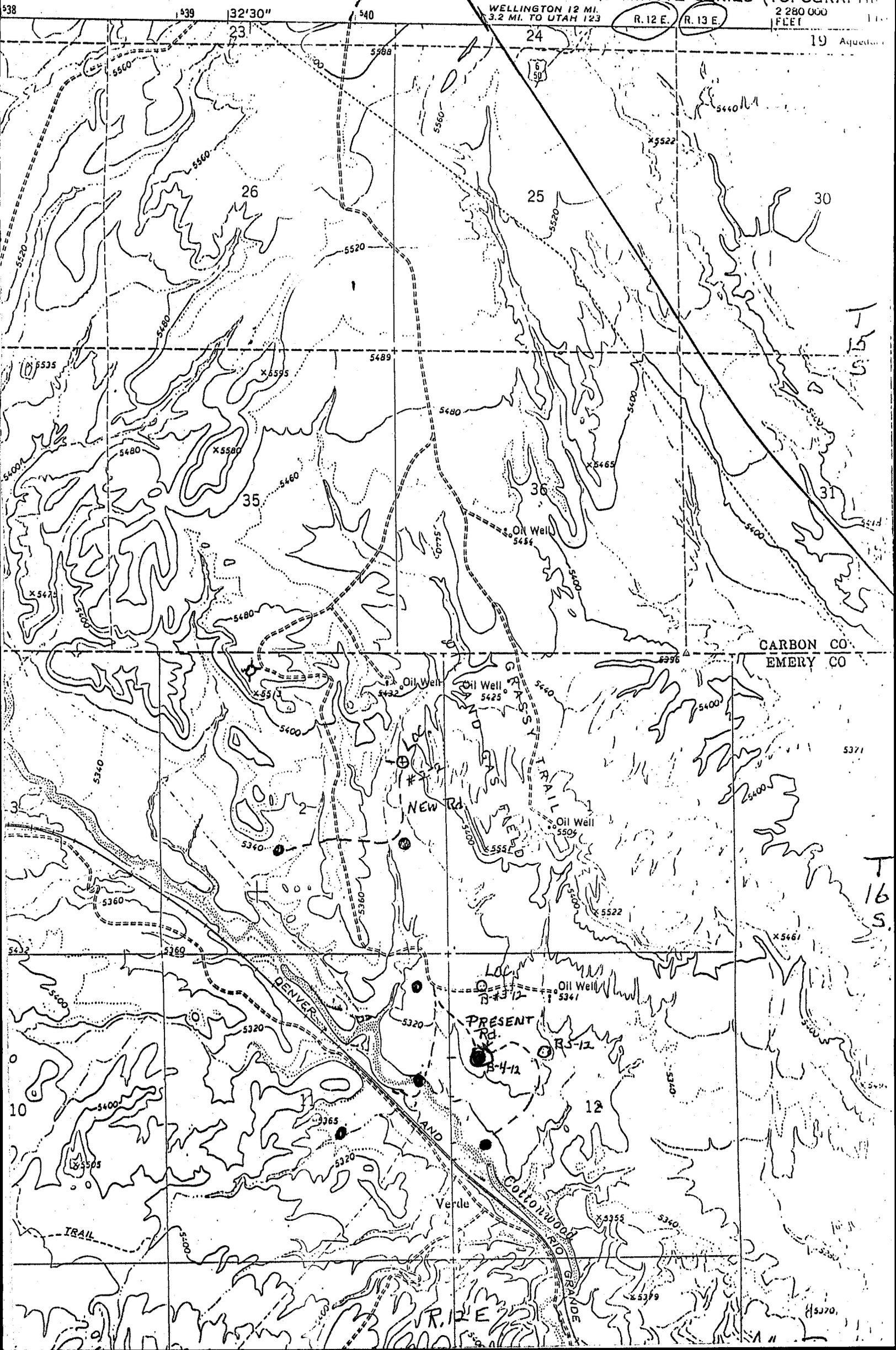
WELLINGTON 12 MI.  
3.2 MI. TO UTAH 123

2 280 000  
FLEET

R. 12 E.

R. 13 E.

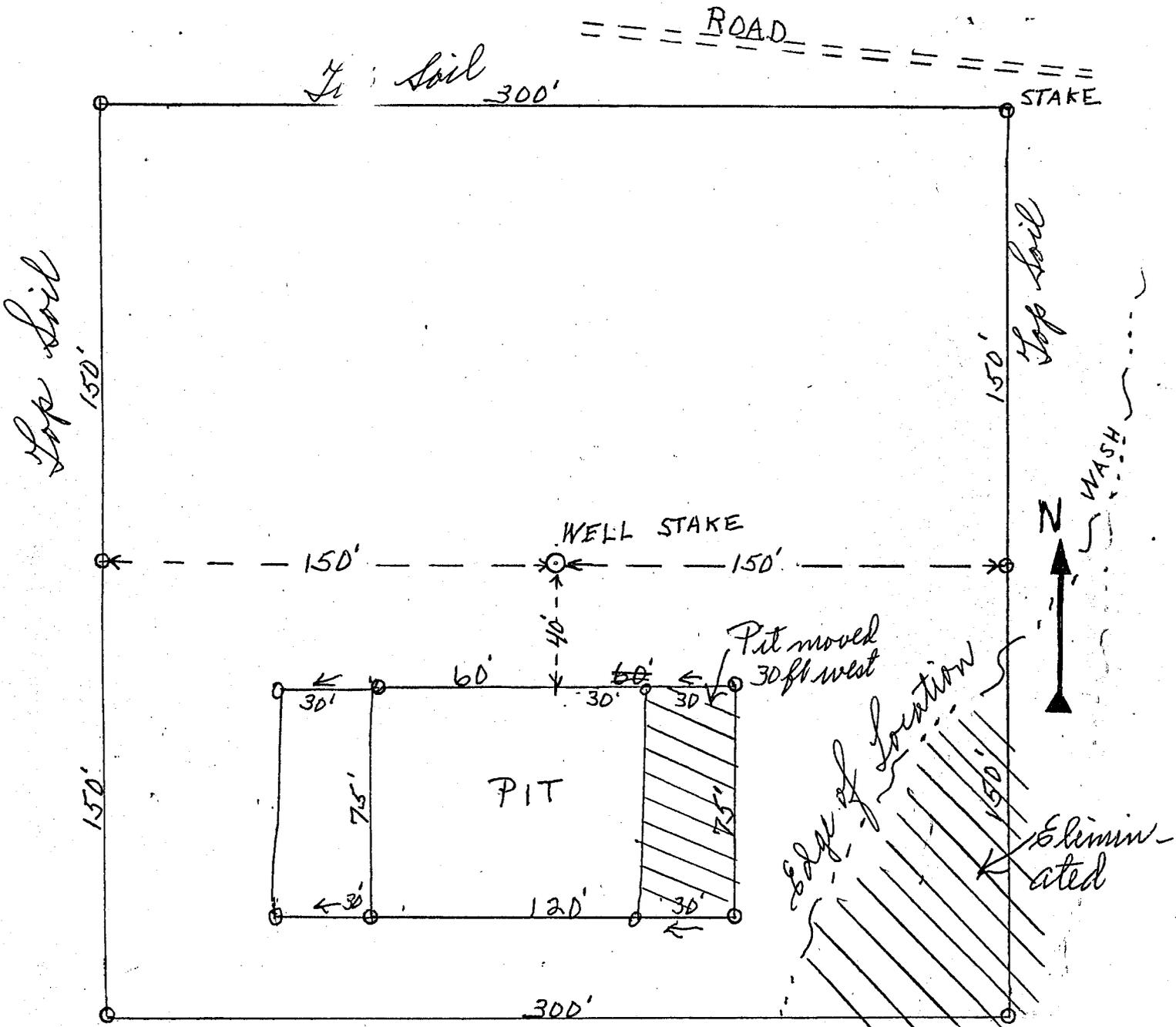
19 Aqueduct



CARBON CO.  
EMERY CO.

T  
16  
S.

LOCATION PLAT  
 FOR  
 BOLINDER #4-12 WELL  
 EMERY COUNTY, UTAH



SCALE: 1" = 50 FT.

PLAT # 2

# RECEIVED

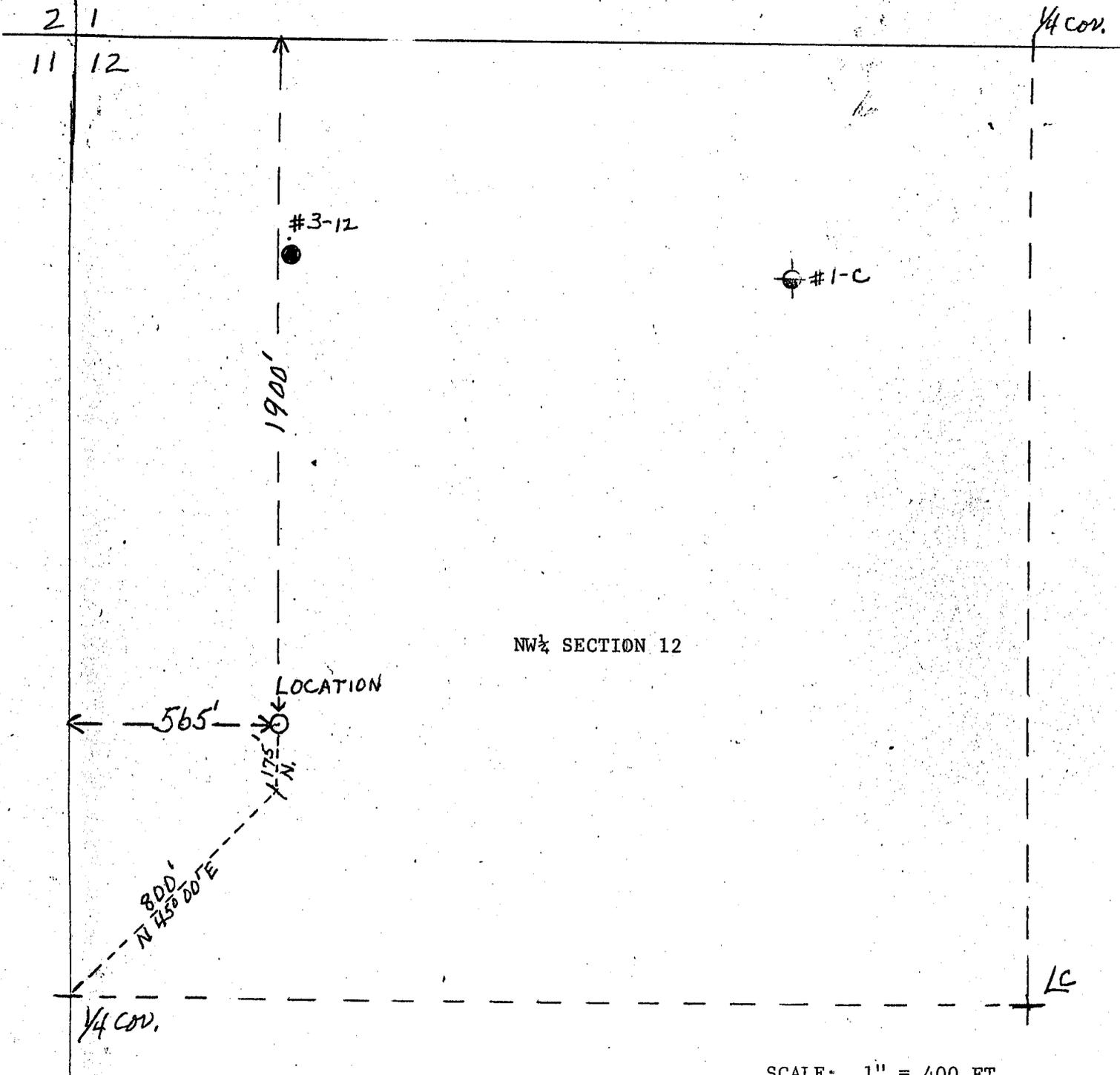
APR 9 1984

## NOTICE OF STAKING WELL

DIVISION OF WELL NAME OIL, GAS & MINING Bolinder #4-12		6. Lease Number: U-015639-A	
1. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> (Specify)		7. If Indian, Allottee or Tribe Name:	
2. Name of Operator: Megadon Enterprises Inc.		8. Unit Agreement Name:	
3. Name of Specific Contact Person: W. Don Quigley		9. Farm or Lease Name: Federal	
4. Address & Phone No. of Operator or Agent: 57 West South Temple, SLC., Ut. 84101 801-359-3575		10. Well No.: #4-12	
5. Surface Location of Well:  T 16S., R 12E., SLM.  Sec. 12: SW $\frac{1}{4}$ NW $\frac{1}{4}$ (565' fr. W-line and 1900' fr. N-line)  See attached Survey Plat, and Location Plat, and Map #1		11. Field or Wildcat Name:  Grassy Trails	
15. Formation Objective(s)  Moenkopi		16. Estimated Well Depth:  3800'	
		13. County, Parish or Borough:  Emery	14. State:  Utah
17. Surface Owners Name, Address, Telephone Number, and Other Information:  U.S. Government (BLM - SLC) Designation of Operator Form attached plus bond information			

18. Signed: W. Don Quigley Title President Date 4-6-84

SURVEY PLAT FOR  
 BOLINDER #4-12 WELL  
 SW. NW. SECTION 12-16S-12E.  
 ELEVATION: 5328' GRD.  
 (LOCATION IS 565' FR. W-LINE AND 1900' FR. N-LINE)



NW 1/4 SECTION 12

LOCATION

SCALE: 1" = 400 FT.

NOTE: SEE LOCATION PLAT

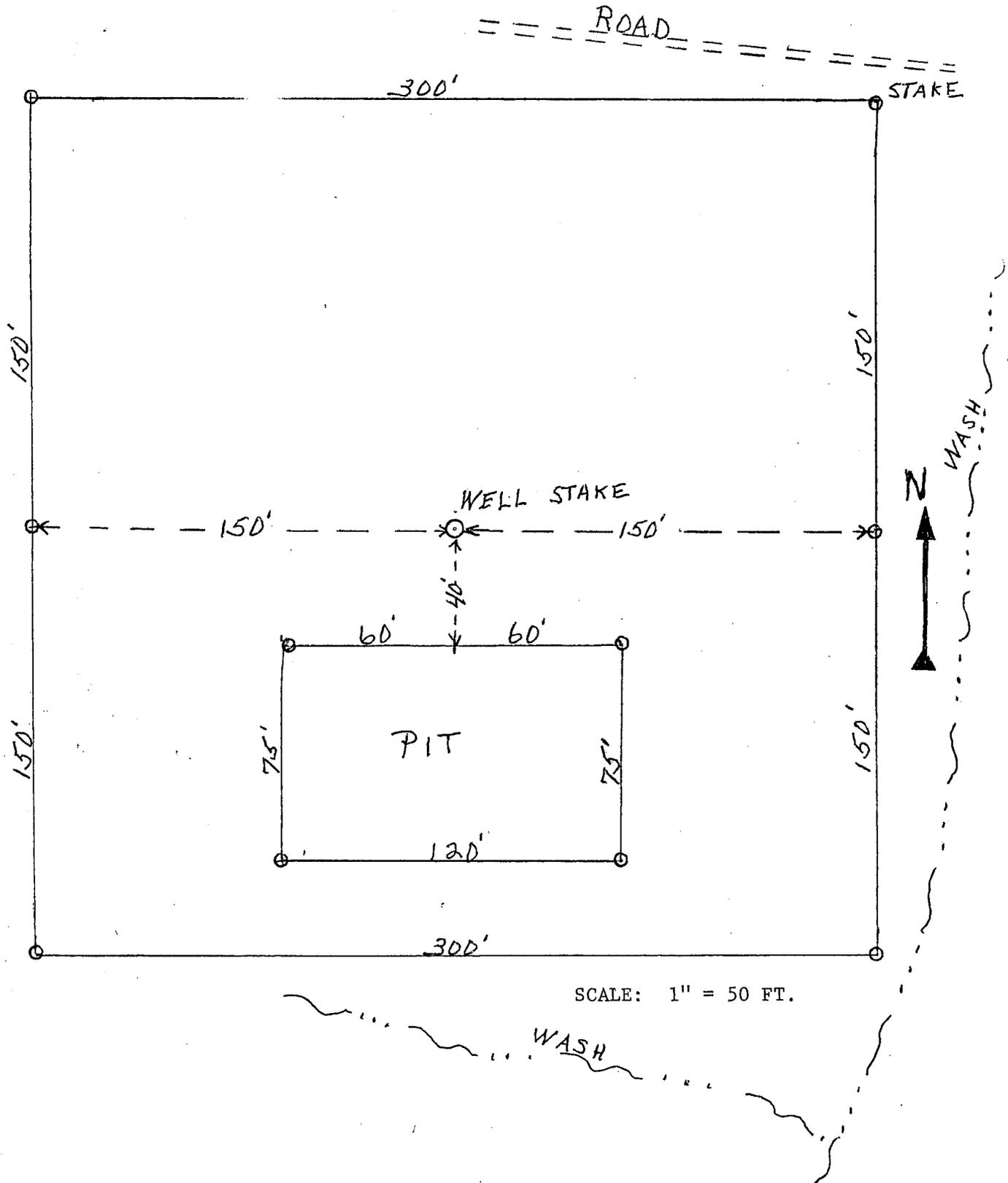
PLAT #1

I, Sherman D. Gardner, do hereby certify that this plot was plotted from notes of a field survey made under my direct responsibility, supervision, and checking on April 4, 1984.

*Sherman D. Gardner*  
 Registered Land Surveyor



LOCATION PLAT  
FOR  
BOLINDER #4-12 WELL  
EMERY COUNTY, UTAH



Map #1

H  
OLOGICAL SURVEY

MOUNDS QUADRANGLE  
UTAH

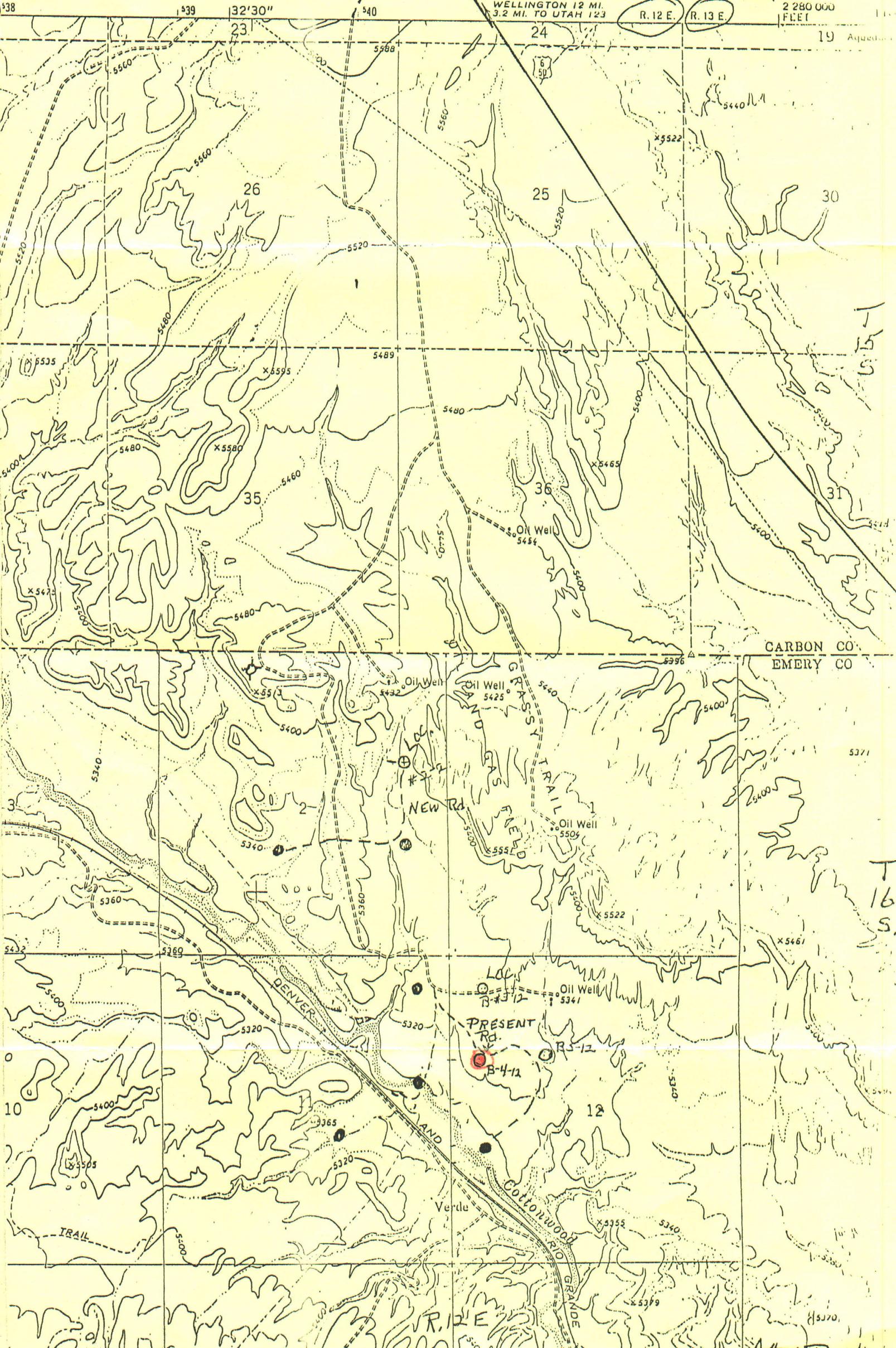
7.5 MINUTE SERIES (TOPOGRAPHIC)

WELLINGTON 12 MI.  
3.2 MI. TO UTAH 123

2 280 000  
FEET

R. 12 E. R. 13 E.

19 Aqueduct



CARBON CO.  
EMERY CO

T  
16  
S.

OPERATOR Megadon Enterprises, Inc.

DATE 4/24/84

WELL NAME Blinder 4-12

SEC SWNW 12 T 16S R 12E COUNTY Emery

43-015-30191  
API NUMBER

Fed.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

No other wells within 1000'

Need Water

9/1/84 Prob. Greff, Blm. Works 259-6111  
OK on casing, with provision that  
8 5/8" be cont'd. to surface.

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT

c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

1- Water

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

May 7, 1984

Megadon Enterprises, Inc.  
57 West South Temple, Suite 253  
Salt Lake City, Utah 84101

RE: Well No. Bolinder 4-12  
SWNW Sec. 12, T. 16S, R. 12E  
1900' FWL, 565' FWL  
Emery County, Utah

Gentlemen:

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

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

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

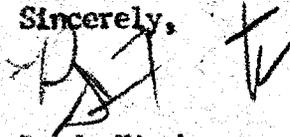
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Megadon Enterprises, Inc.  
Well No. Bolinder 4-12  
May 7, 1984  
Page 2

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

The API number assigned to this well is 43-015-30191.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED SEP 7 1984

5. LEASE DESIGNATION AND SERIAL NO. U-015639-A
6. INDIAN, ALLOTTEE OR TRIBE NAME
7. AGREEMENT NAME
8. NAME OF LEASEE
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA
12. COUNTY OR PARISH STATE
13. APPROX. DATE WORK WILL START
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
20. ROTARY OR CABLE TOOLS

1a. TYPE OF WORK DRILL [ ] DEEPEN [ ] PLUG BACK [ ]
b. TYPE OF WELL OIL WELL [x] GAS WELL [ ] OTHER [ ]
2. NAME OF OPERATOR MEGADON ENTERPRISES INC. DIVISION OF OIL GAS & MINING
3. ADDRESS OF OPERATOR 57 WEST SOUTH TEMPLE, STE. 253, SALT LAKE CITY, UT 84101
4. LOCATION OF WELL (Report location clearly) At surface SW 1/4 NW 1/4 SECTION 12, T 16S, R 12E, SLM. At proposed prod. zone 565' FR. W-LINE AND 1900' FR. N-LINE
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE APPROXIMATELY 20 MILES SE OF PRICE, UTAH
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 565'
16. NO. OF ACRES IN LEASE 160 ACRES
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 ACRES
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300'
19. PROPOSED DEPTH 3800 FT.
20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5328' GRD; 5340' K.B.
22. APPROX. DATE WORK WILL START JUNE 1 1984

23. PROPOSED CASING AND CEMENTING PROGRAM
Table with columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT.
Row 1: 11", 8 5/8", 24.00#, 3500', 700 lbs.

IT IS PLANNED TO DRILL A WELL AT THE ABOVE LOCATION TO TEST THE PRODUCTIVE POSSIBILITIES OF THE PAY ZONES IN THE MOENKOPI FORMATION. A JOINT OF 13 3/8" CASING WILL BE SET AND CEMENTED TO THE SURFACE TO ACT AS A CONDUCTOR PIPE. AN ELEVEN INCH HOLE WILL THEN BE DRILLED USING WATER FOR CIRCULATION DOWN TO A DEPTH OF ABOUT 3500 (50' ABOVE THE PAY ZONES) AND 8 5/8" CASING WILL THEN BE SET AND CEMENTED THOROUGHLY ALL THE WAY TO THE SURFACE. BLOWOUT PREVENTER AND ROTARY HEAD WILL THEN BE INSTALLED ON THE CASING, AND THE PAY ZONES WILL BE DRILLED WITH AIR. THE HOLE WILL BE BOTTOMED AT A POINT JUST ABOVE THE SINBAD SECTION. SEE ATTACHED PROGNOSIS.

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 H. Now Gungley / [Signature] TITLE PRESIDENT
DATE 20 SEP 1984

PERMIT NO. APPROVAL DATE
Acting DISTRICT MANAGER

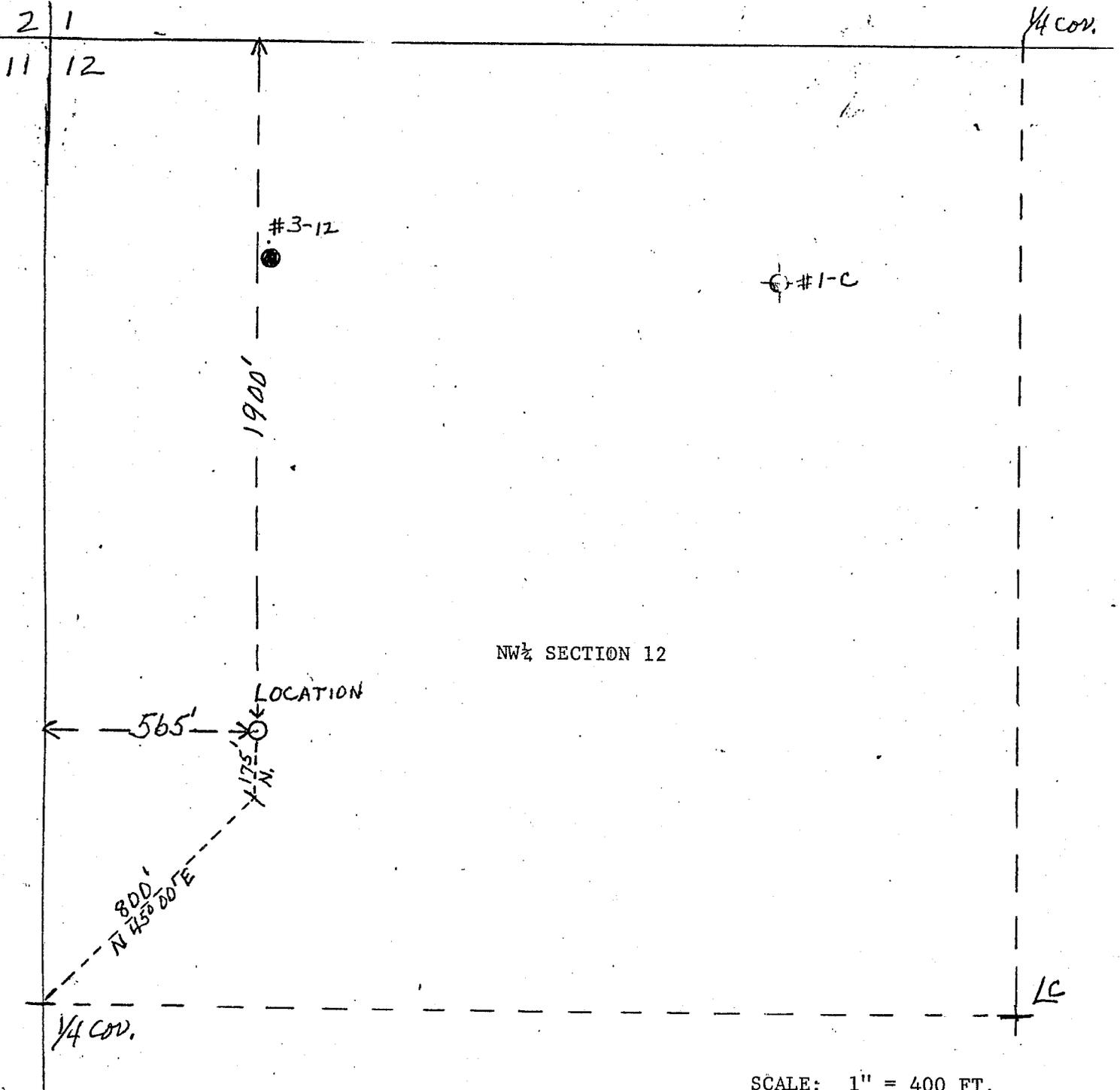
APPROVED BY [Signature] TITLE Acting DISTRICT MANAGER
CONDITIONS OF APPROVAL, IF ANY: SUBJECT TO RIGHT OF WAY

CONDITIONS OF APPROVAL ATTACHED

PLACING OR CEMENTING OF GAS IS SUBJECT OF NTL 4-A DATED 1/1/80

\*See Instructions On Reverse Side

SURVEY PLAT FOR  
 BOLINDER #4-12 WELL  
 SW. NW. SECTION 12-16S-12E.  
 ELEVATION: 5328' GRD.  
 (LOCATION IS 565' FR. W-LINE AND 1900' FR. N-LINE)



NOTE: SEE LOCATION PLAT

SCALE: 1" = 400 FT.

PLAT #1

I, Sherman D. Gardner, do hereby certify that this plot was plotted from notes of a field survey made under my direct responsibility, supervision, and checking on April 4, 1984.

Sherman D. Gardner  
 Registered Land Surveyor



Megadon Enterprises, Inc.  
Well No. Bolinder 4-12  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 12, T. 16 S.,  
R. 12 E., SLB&M  
Lease U-015639-A  
Emery County, Utah

Supplemental Stipulations:

1. The BLM authorized officer will make the determination if the pit needs lining following construction.
2. The BLM's representative (Dan Cressy, (801) 637-4584) will be notified at least 48 hours prior to any surface disturbing activities associated with new access roads or drill pad location.
3. Residues and contaminated earth in mud pits may be required to be completely removed if, with reclamation, these materials would be near or exposed at the surface.
4. Drained equipment oil will be disposed of in reserve pit at drill site or at a landfill.
5. Chemical toilets will be used for human waste. Sanitation regulation of the State of Utah will be followed.
6. During periods of weather when activity would result in deep rutting (6 inches or more) of the driving surface or excessive disturbance on the road, a work stop order may be verbally issued by the authorized officer with a followup written order. An authorization to resume work will be required.
7. Stockpiles of soils shall be rounded off and located so that the soil is not contaminated. In the event that the well is a producer soil stockpiles shall be seeded as specified by the BLM.
8. When the well is abandoned the entire pad surface will be reclaimed.
9. The pad will be two-tiered with the reserve pit being on a slightly lower level than the rest of the pad.
10. Vehicles and equipment will not be parked off the pad surface.
11. Reclamation will occur as soon as feasible as determined by the BLM. Seeding will be done as specified by the BLM. In the event of seeding failure reseeding will be required. Erosion control structures will be required as determined by the BLM.
12. Care will be taken in laying the water line to Cottonwood Creek. Cross country travel will only be authorized for this use. Resulting impacts may require reclamation as required by the BLM.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

January 15, 1985

Megadon Energy Corporation  
57 West South Temple, Suite 253  
Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. Bolinder 4-12 - Sec. 12, T. 16S., R. 12E.  
Emery County, Utah - API #43-015-30191

This office has received information which indicates the above referred to well has been completed, however, this office has not received proper notification of spudding as requested in the letter of approval to drill.

It is also necessary to file monthly drilling reports for each month from the date of spudding until completion and a Well Completion Report.

Enclosed are the necessary forms for you to complete and submit in order to bring this well into compliance with the Division Rules and Regulations.

Your prompt attention to the above matter will be appreciated.

Sincerely,

*Claudia L. Jones*

Claudia L. Jones  
Well Records Specialist

Enclosures

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0009S/26

*Not Spudded  
1/16/85  
Cheryl called  
mistook for 3-12  
in same vicinity  
Thanked her for  
calling. Cleared  
suspense file*

RECEIVED

SEP 13 1985

3162 (U-065)  
(U-015639-A)

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

DIVISION OF OIL  
& GAS & MINING

SEP 11 1985

Megadon Enterprises Inc.  
57 West South Temple, Ste., 253  
Salt Lake City, UT 84101

Re: Rescinding Application for  
Permit to Drill  
Well No. Federal Bolinder 4-12  
Sec. 12, T. 16 S., R. 12 E.  
Emery County, Utah  
Lease U-015639-A

Gentlemen:

The Application for Permit to Drill the referenced well was approved on September 5, 1984. Since that date, no known activity has transpired at the approved location.

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

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

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

Sincerely,

/s/ James J. Travis

ACTING District Manager

cc:  
State of Utah, Division of Oil, Gas and Mining ✓  
Price River Resource Area

bcc:  
U-942, Utah State Office

Carol Freudiger/cf 9/11/85



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

October 9, 1985

Megadon Enterprises, Inc.  
57 West South Temple #253  
Salt Lake City, Utah 84101

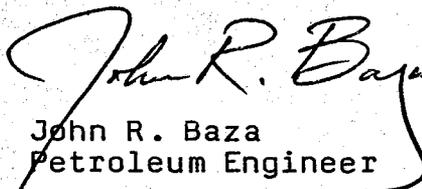
Gentlemen:

Re: Well No. Bolinder 4-12 - Sec. 12, T. 16S., R. 12E.,  
Emery County, Utah - API #43-015-30191

In concert with action taken by the Bureau of Land Management, September 11, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

  
John R. Baza  
Petroleum Engineer

pk  
cc: Dianne R. Nielson  
Ronald J. Firth  
File

0170S/24