

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  
 Carbonit Exploration, Inc., c/o K & A/Helton Eng. & Geo.Services

3. ADDRESS OF OPERATOR  
 1616 Glenarm  
 2200 Security Life Bldg., Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 2,140' FSL, 2,140' FEL - Sec. 29-T38S-R22E  
 At proposed prod. zone **NWSE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 12 mi. North of Bluff, Utah

5. LEASE DESIGNATION AND SERIAL NO.  
 U-35919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Rapozo Federal 29

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 29-T38S-R22E

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2,140' (500')

16. NO. OF ACRES IN LEASE  
 960

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.  
 N/A

19. PROPOSED DEPTH  
 6,000'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, CR, etc.)  
 5,025' GF

**CONFIDENTIAL**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8	32.3	500'	To Surface
8 3/4"	7	20 & 23	4,600'	200 sx
6 1/4"	4 1/4	10.5	6,000' Liner	250 sx

Operator proposes to drill a Paradox test to a depth of 6,000' using fresh-water mud to clean the drill cuttings from the hole. Casing will be run, as shown above, except that if it is not necessary to run 7" as intermediate string, 4 1/2" casing will be run from surface to TD. Pressure control equipment will consist of 10" Series 900 double hydraulic ram BOP.

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINES**  
 DATE: 6-1-81  
 BY: M. J. Minder

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 [Signature] TITLE Asst. Manager Operations DATE 10/6/80  
K & A/Helton Eng.

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

COMPANY CARBONIT EXPLORATION, INCORPORATED

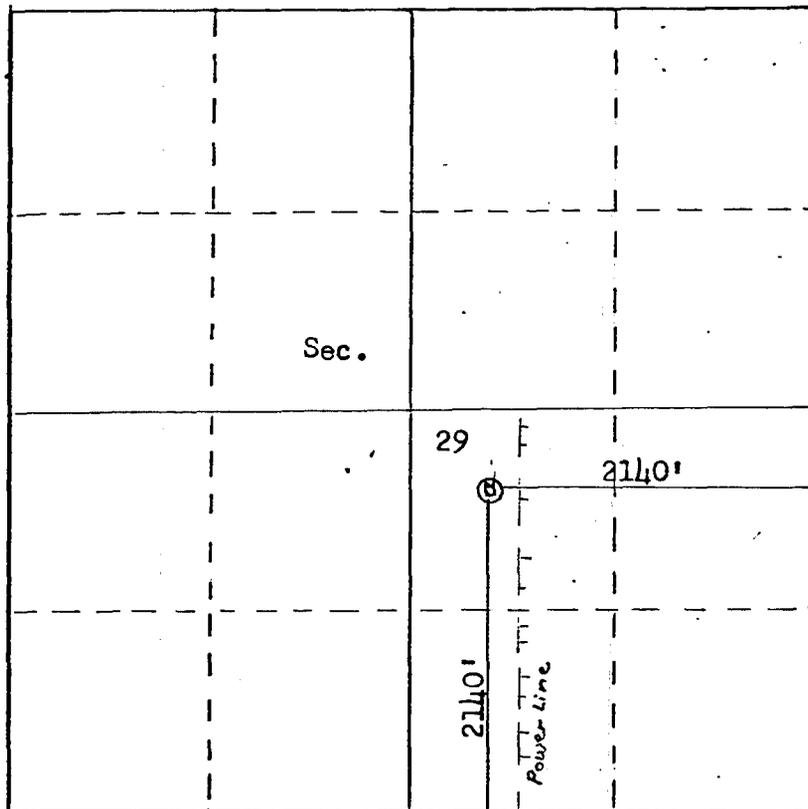
LEASE RAPOSO-FEDERAL 29 WELL NO. 1

SEC. 29, T. 38S, R. 22E

SAN JUAN COUNTY, UTAH

LOCATION 2140'FSL 2140'FEL

ELEVATION 5025 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

SEAL:

Registered Land Surveyor.

#3950

SURVEYED October 3, 19 80

FARMINGTON, N. M.



SUPPLEMENTAL DATA  
FOR  
APPLICATION FOR PERMIT TO DRILL  
CARBONIT EXPLORATION, INC.  
RAPOZO FEDERAL WELL #1

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LOCATION: NWSE Section 29, T38S, R22E  
San Juan County, Utah

1. The surface formation is Morrison.
2. Estimated formation tops are:

<u>Formation</u>	<u>Depth</u> (ft.)
Navajo	660
Kayenta	1,270
Windgate	1,420
Chinle	1,718
Shinarump	2,420
Moenkopi	2,450
Dechelly	2,770
Hermosa	4,655
U. Ismay	5,560
L. Ismay	5,620
Desert Creek	5,740
Akoh	5,910
Sait	5,950

3. A DST will be run over all significant shows of hydrocarbons. A DST is expected in Lower Ismay (5,620') and Desert Creek (5,740') zones.
4. The proposed casing program is presented on the face of the APD.
5. Minimum pressure control equipment will consist of 2,000 psi W.P. double ram blowout preventers with hydraulic closing apparatus.

The BOP will be installed on the surface casing and tested to 1,000 psi before drillout. Pipe rams will be operated daily and the blind rams will be operated whenever the drill pipe is out of the hole. A schematic sketch of the BOP is attached.

6. Water-base drilling mud will be used to drill the well with weights of 8.5 to 9.6 ppg and viscosity of 29 to 45 sec.
7. Auxiliary equipment will consist of a drill pipe sub with a full-opening valve in the "open" position is to be maintained on the floor at all times. A drill pipe float is optional to the drilling contractor.
8. Drill stem tests will be run on any interval with significant shows. Tests are anticipated in the Lower Ismay and Desert Creek formations. Cores will be taken of these zones. Logs are planned as follows:

Dual Induction Laterolog - Surface casing to TD  
Borehole Compensated Sonic - " " "  
Compensated Neutron-Formation Density - 4,500' to TD

9. Extremely low pressures are anticipated in the upper portion of the hole and water flow may occur from the Cedar Mesa sand at an approximate depth of 2,500'. No abnormal pressures are anticipated below the intermediate (7") casing point.
10. The operator proposes to spud on or about November 1, 1980 and operations will continue for approximately one month.

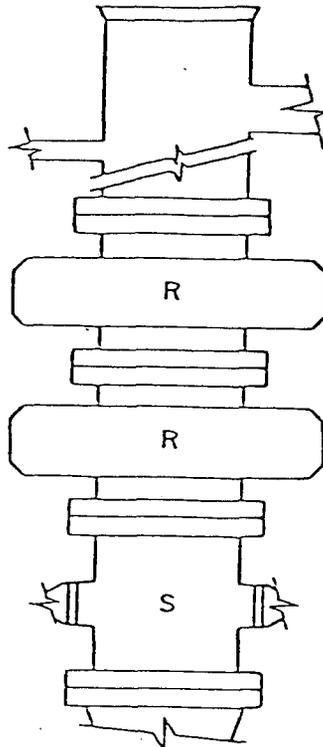


FIG. 2.C.2

ARRANGEMENT SRR  
Double Ram Type Preventers, R<sub>d</sub>, Optional.

MINIMUM  
PRESSURE CONTROL  
EQUIPMENT

## MULTIPOINT SURFACE USE AND OPERATIONS PLAN

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CARBONIT EXPLORATION, INC.  
RAPOZO FEDERAL 29 WELL NO. 1  
600' FSL, 660' FEL - SECTION 29-T38S-R22E  
SAN JUAN COUNTY, UTAH

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### 1. EXISTING ROADS

Existing roads are shown on the attached composite copy of the pertinent sections of the Montezuma Creek and Bluff Quadrangles. Commencing 0.8 miles south of the junction of State Highway 262 with U.S. Highway 163 turning west on a graded road to a junction in the northeast quarter of Section 5, T39S, R22E; thence north into the Right-Hand Fork of Cottonwood Wash where the road becomes a trail though previously graded, bearing right to the SE corner of Section 29 and continuing 200 to 300 ft. to the proposed road to the location.

The trail section of the road will be graded again to provide drainage and permit all-weather access to the location.

### 2. PLANNED ACCESS ROAD

Proceeding northwest approximately 400 ft. to the location from the above-described junction, a road will be constructed in this section with an 18-foot section and adequate culverts, etc. to permit normal drainage of the area to the wash north of the road.

### 3. LOCATION OF EXISTING WELLS

Figure II shows the location of all existing wells in the area. There are no producing oil wells within two miles of location. Several dry holes were drilled as shown on the vicinity map.

### 4. LOCATION OF PRODUCING AND STORAGE FACILITIES

No carrier pipe lines exist in the immediate area, and it will be necessary to truck any produced oil from the location. Storage facilities will be erected on the location, along with treating facilities. The oil dehydration equipment will be sized to handle an excess of production to permit recycling, if necessary. Storage will consist of a battery of two or more welded steel tanks, as determined by productive capacity of the well. Water will be stored and evaporated in the reserve pit until it can be analyzed and a disposal program initiated. Potable water will be dumped into the wash for beneficial use.

5. LOCATION AND TYPE OF WATER SUPPLY

The water supply is to be trucked to location. It is planned to dig a water hole in the wash in the NE 1/4 of Section 32 if permitted the Bureau of Land Management.

6. SOURCE OF CONSTRUCTION MATERIALS

All materials will be earthen, cut and fill, as required and available on location and the access road.

7. METHODS OF HANDLING WASTE DISPOSAL

All garbage and trash that can be burned, shall be burned. All trash that cannot be burned will be contained in a trash pit and covered with a minimum of 4' of cover. All production waste such as cuttings, chemicals, overflows of oil, water and drill fluids, shall be contained in the reserve pit and on completion of drilling activities buried with a minimum of 4' of cover. The reserve pit will be fenced until cleanup operations are commenced. A portable toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for this location.

9. WELLSITE LAYOUT

See attached location layout plat.

10. PLANS FOR RESTORATION OF THE SURFACE

Cleanup of the well location will commence immediately following the removal of the drilling equipment. The reserve pit will be fenced until restoration operations are commenced. The well location will be returned to approximate natural contour, and the access road will be returned to original contour if the well is not productive. Both the road and location will be restored and reseeded in accordance with BLM specifications.

11. OTHER INFORMATION

Impact on the environment will be minimal. The access road and well location is sparsely vegetated and minimal disturbance will be required.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Operator's Representative for drilling and completion operations will be:

K & A/Helton Engineering & Geological Services  
2200 Security Life Building  
1616 Glenarm  
Denver, CO 80202  
(303) 825-7722

13. CERTIFICATION

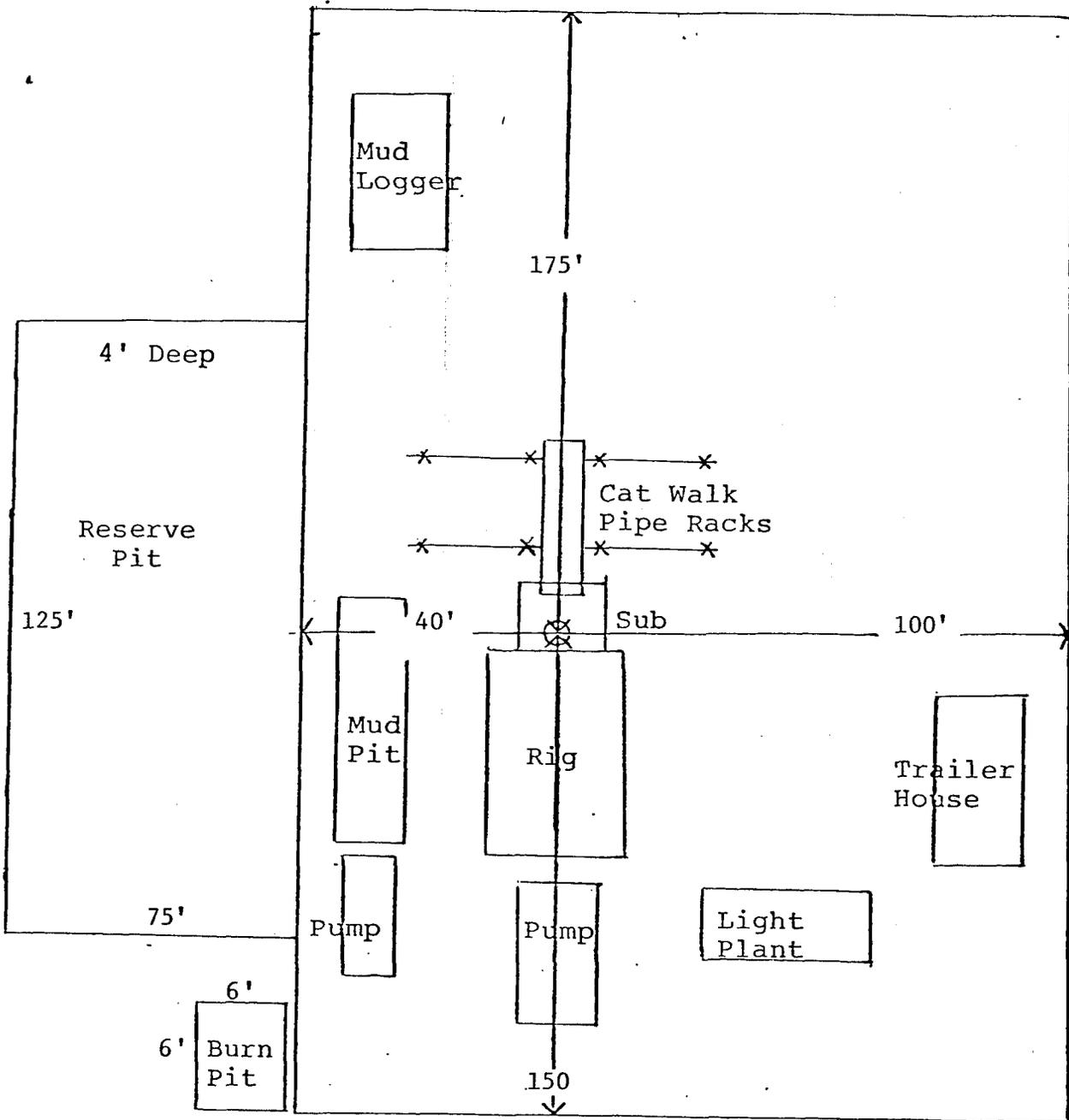
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are, to the best of my knowledge, true and correct; and that the work associated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

10-8-80

(Date)



W.E. Landry  
Asst. Manager, Operations



SCHEMATIC WELLSITE LAYOUT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
CARBONIT EXPLORATION, INC., c/o K&A/Helton

3. ADDRESS OF OPERATOR  
2200 Security Life Bldg., Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2,140' FSL, 2,140' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-35919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Rapozo Federal 29

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Section 29-T38S-R22E S1PM

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5,025' GR 5042' KB

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) Spud & Surface Casing

SUBSEQUENT REPORT OF:

MAY 20 1981

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

DIVISION OF  
OIL, GAS & MINING

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

Spudded 12 1/4" hole at 9 a.m. on April 12, 1981.  
Drilled to 1,200' and ran 1,206', 9 5/8" OD, 36#, K-55, ST&C, new casing, set at 1,199' and cemented with 600 sx Class B cement, 2% CaCl<sub>2</sub> and 1/4#/sx Flocele. Cement circulated.

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

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Asst. Mgr., Oper. K&A/Helton DATE April 24, 1981

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

**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 CABONIT EXPLORATION, INC.  
c/o K & A/HELTON ENG. & GEO. SERVICES

3. ADDRESS OF OPERATOR 2200 SECURITY LIFE BLDG.  
1616 GLENARM, DENVER, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2,140' FSL, 2,140' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-35919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
RAPOZO FEDERAL 29

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 29, T38S, R22E - SLB & M

12. COUNTY OR PARISH | 13. STATE  
San Juan | UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5,025' GR - 5,042' KB

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

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

(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.)\*  
PLUGGED AND ABANDONED

Plugs as Follows:

Plug	Interval	Sacks Cement
1	6,125' - 5,925'	80 - Akah - Desert Creek
2	5,850' - 5,750'	40 - Ismay
3	4,925' - 4,775'	70
4	3,700' - 3,600'	55 - Hermosa
5	2,925' - 2,775'	70
6	2,075' - 1,925'	60 - Cutler
7	1,250' - 1,150'	40 - Shoe
8	50' - 0'	35

Marker to be placed and location cleaned and pit fenced until dry.  
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
Asst. Mgr. Operations  
SIGNED W.E. Landry TITLE K & A/Helton Eng DATE May 13, 1981

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-F355.5.

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other P&A

2. NAME OF OPERATOR  
CARBONIT EXPLORATION, INC., c/o K&A/Helton

3. ADDRESS OF OPERATOR  
2200 Security Life Building, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 2,140' FSL, 2,140' FEL  
 At top prod. interval reported below  
 At total depth

14. PERMIT NO. 43-037-30677 | DATE ISSUED 6-1-81

5. LEASE DESIGNATION AND SERIAL NO. U-35919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Rapozo Federal 29

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29-T38S-R22E, SLB&M

12. COUNTY OR PARISH San Juan  
13. STATE Utah

15. DATE SPUNDED 4-12-81  
16. DATE T.D. REACHED 5-9-81  
17. DATE COMPL. (Ready to prod.) 5-9-81  
18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5,042' KB, 5,025' GR  
19. ELEV. CASINGHEAD 5,025'

20. TOTAL DEPTH, MD & TVD 6,162'  
21. PLUG, BACK T.D., MD & TVD P&A  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY ROTARY TOOLS 0-6162  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/FSL, BHC/S, CNL/FDC, Cyberlook  
27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	1,199'	12 1/4"	600sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

~~CONFIDENTIAL~~

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE 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  
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED [Signature] TITLE Asst. Oper. Mgr., K&A/Helton DATE May 19, 1981

# INSTRUCTIONS

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

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

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

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

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ismay	5,926	5,980	Cored Dolomite Limestone, Hard, Tight	Cutler	2,889		
Desert Creek	6,055	6,070.5	Cored Dolomite, Hard, Tight	Hermosa	4,920		
DST #1 5,796-5,926			DST #3 6,058-6,123	Upper Ismay	5,796		
Rec. 561' slt. G.C. mud			Rec. 30' slt. O.C. mud	Lower Ismay	5,916		
IHP 2,860			IHP 3,089	Gothic Shale	5,998		
IF 149-244			IF 54-68	Desert Creek	6,004		
ISIP 515			ISIP 121	Akah(sample)	6,118		
FF 244-379			FF 68-81				
FSIP 407			FSIP 176				
FHP 2,844			FHP 3,061				
DST #2 Misrun			DST #4 Misrun				
DST #2B 5,917-5,978			DST #4B Misrun				
-Rec. 30' G.C. mud			DST #4C 5,440-5,550				
IHP 2,952			Rec. 10' mud				
IF 27-54			IHP 2,704				
ISIP 216			IF 36				
FF 54			ISIP 294				
FSIP 542			FF 43				
FHP 2,952			FSIP 294				
			FHP 2,701				

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

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 CARBONIT EXPLORATION, INC.  
c/o K & A/HELTON ENG. & GEO. SERVICES

3. ADDRESS OF OPERATOR 2200 SECURITY LIFE BLDG.  
1616 GLENARM, DENVER, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2,140' FSL, 2,140' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE U-35919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME RAPOZO FEDERAL 29

9. WELL NO. 1

10. FIELD OR WILDCAT NAME Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 29, T38S, R22E - SLB & M

12. COUNTY OR PARISH San Juan 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5,025' GR 5,042' KB

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other)

**RECEIVED**  
MAY 26 1981

(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.)\*  
Operator obtained telephone approval from Carl Barrick to abandon.  
Plugs as follows:

Plug	Interval	Sacks Cement	
1	6,125' - 5,925'	80	Akah - Desert Creek
2	5,850' - 5,750'	40	Ismay
3	4,925' - 4,775'	70	Hermosa
4	3,700' - 3,600'	55	Cutler
5	2,925' - 2,775'	70	Shoe
6	2,075' - 1,925'	60	
7	1,250' - 1,150'	40	
8	50' - 0'	35	

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

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

SIGNED W. B. Landry TITLE Asst. Mgr. Operations DATE May 13, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

DATE: 6-1-81  
BY: [Signature]

\*See Instructions on Reverse Side

\*\* FILE NOTATIONS \*\*

DATE: 6/1/81

OPERATOR: Carbonit Exploration, Inc.

WELL NO: Raposo Federal 29-1

Location: Sec. 29 T. 38S R. 22E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30677

CHECKED BY:

Petroleum Engineer: M.J. Minder 6-1-81

Director: \_\_\_\_\_

Administrative Aide: OK as per C-3 spacing

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 Red.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

# CONFIDENTIAL

June 5, 1981

Carbonit Exploration, Inc.  
c/o K & A Helton Eng. & Geo. Services  
2200 Security Life Bldg.  
1616 Glenarm Place  
Denver, Colorado 80202

Re: Well No. Rapozo Federal 29-1  
Sec. 20, T. 38S, R. 22E, NW SE  
San Juan County, Utah

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:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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 43-037-30677.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

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

January 13, 1982

Carbonit Exploration, Inc.  
c/o K & A Helton  
2200 Security Life Building  
Denver, Colorado 80202

Re: Well No. Rapozo Federal 29  
Sec. 29, T. 38S, R. 22E  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office May 19, 1981, from the above referred to well, indicates the following electric logs were run: DIL/FSL, BHC/S, CNL/FDC, Cyberlook. As of todays date, this office has not received these logs: Cyberlook.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the elctric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

# KEPLINGER OPERATING COMPANY



Keplinger Company  
**RECEIVED**

JAN 18 1982

DIVISION OF  
OIL, GAS & MINING

January 15, 1982

Cari Furse  
State of Utah  
Division of Oil, Gas and Mining  
Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Well No. 1 Rapozo Federal 29  
Section 29-T38S-R22E  
San Juan County, Utah

Dear Cari:

This is to acknowledge receipt of your subject letter of January 13, 1982. I have contacted the logging company, Schlumberger, and was informed that it is not practice to furnish the interpretive Cyberlook log to regulatory bodies as the base logs for its preparation. The DIL/FSL and CNL/FDC are submitted.

Very truly yours,

W.E. Landry  
Asst. to Vice-Pres. Operations

WEL/sw  
cc: CARBONIT EXPLORATION, INC.