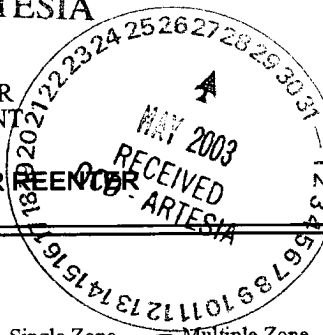


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EC

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☐ DRILL ☒ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone2. Name of Operator: DEVON ENERGY PRODUCTION CO L P
Contact: KAREN COTTOM
E-Mail: karen.cottom@devn.com3a. Address
20 NORTH BROADWAY SUITE 1500
OKLAHOMA CITY, OK 731023b. Phone No. (include area code)
Ph: 405.228.7512
Fx: 405.552.4621

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

At surface SENE 2180FNL 660FEL

At proposed prod. zone SENE 2180FNL 660FEL

14. Distance in miles and direction from nearest town or post office*
28 MILES EAST OF CARLSBAD, NEW MEXICO15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
66016. No. of Acres in Lease
1440.00

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

19. Proposed Depth
9000 MD21. Elevations (Show whether DF, KB, RT, GL, etc.)
3515 GL22. Approximate date work will start
04/28/20035. Lease Serial No.
NMNM0404441

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
BARCLAY 11 FEDERAL 1

9. API Well No.

10. Field and Pool, or Exploratory
INGLE WELLS-DELAWARE

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

Sec 11 T23S R31E Mer NMP

12. County or Parish
EDDY13. State
NM

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

23. Estimated duration
45

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)Name (Printed/Typed)
KAREN COTTOMDate
04/11/2003Title
ENGINEERING TECHNICIAN

Approved by (Signature)

Name (Printed/Typed)

Date
MAY 20 2003Title
STATE DIRECTOR

Office

NM STATE OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #20441 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad
Committed to AFMSS for processing by Linda Askwig on 04/11/2003 (03LA0434AE)

Additional Operator Remarks:

NO REMARK PROVIDED

W MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator DEVON ENERGY PRODUCTION COMPANY, LP			Lease BARCLAY 11 FEDERAL		Well No. 1
Unit Letter H	Section 11	Township 23 SOUTH	Range 31 EAST	County EDDY	
Actual Footage Location of Well: 2180 feet from the NORTH line and 660 feet from the EAST line					
Ground Level Elev. 3489.9'	Producing Formation DELAWARE		Pool INGLE WELLS: DELAWARE		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

James B. Blount

JAMES B. BLOUNT

Position

Operations Engineer

Company

Devon Energy Production CO, LP

Date

April 10, 2003

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

8/20/85

Registered Professional Engineer and/or Land Surveyor

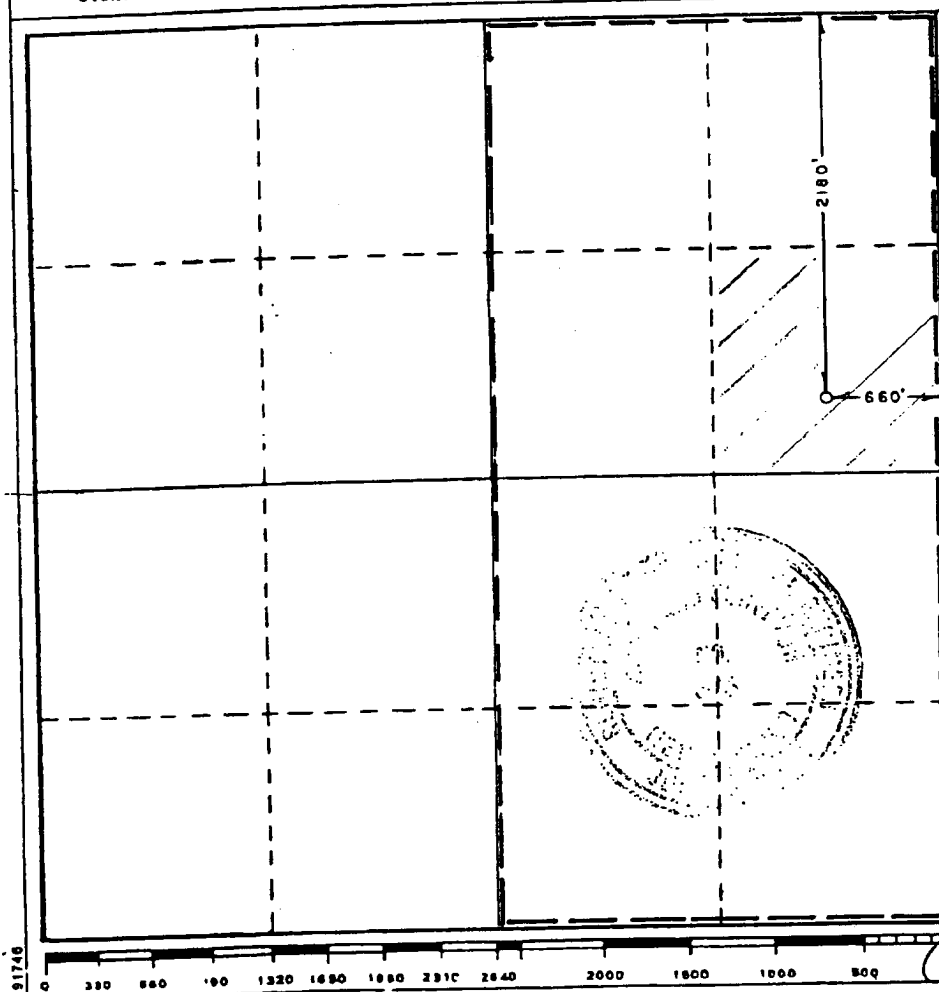
John W. West

Certificate No. JOHN W. WEST.

676

RONALD J. EIDSON,

3239



REENTRY PROGRAM

Attached to Form 3160-3
 Devon Energy Production Company, LP
 Barclay 11 Federal #1
 2180 FNL & 660 FEL
 Section 11-T23S R31E
 Eddy County, New Mexico

1. Geologic Name of Surface Formation

Alluvium

2. Tops of Important Geologic Markers:

Rustler	1,150'
Lamar	4,490'
Bone Spring	8,330'

3. Estimated Depth of Anticipated Fresh Water, Oil or Gas:

Water	None expected
Oil	Delaware @ 6500' (behind pipe)

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>Csg. OD</u>	<u>Weight, Grade, Type</u>
17 1/2"	0' - 750'	13 3/8"	54.5# - existing string
12 1/4"	0' - 4480'	10 3/4"	45.5 & 40.5# - existing string
9 1/2"	0' - 12,600'	7 5/8"	11.7# & 29.7# - existing string

Cement Program:

13-3/8" Intermediate Casing:	Cemented w/700 sx Class "C". Circulated to surface.
10 3/4" Intermediate Casing:	Cemented w/1500 sx Class "H" circulated to surface.
7 5/8" Production Casing	Cemented w/1250 sx., cut off @ 4300'

5. Operations Plan - This well was plugged in 1986. A wellbore schematic showing the method of plugging is attached as Exhibit A. The purpose of the following work is to reenter this plugged well to a depth of 9,000' to test the Delaware formation. The reentry work covered under this APD will be performed with a workover rig.

1. MIRU PU. NU WH & NU BOP. RIH w/9 1/2" bit & DC's & drill out surf plug, cmt plug from 495-850', cmt plug from 1100-3300', & top of plug @ 4280' to csg cut off. POOH w/tbg, DC's, & bit.
2. RIH w/flat bottom mill to dress off csg cut. POOH w/mill.
3. RIH w/bowl assembly & 7 5/8" 26.4# J-55 csg. Tie back to casing.
4. RIH w/6 1/2" bit, DC's, & 2 7/8" tbg to 4300'. Drill out plug from 4300-4600'. RIH to plug at 6798'.
5. Test csg to 500 psi. If csg does not test, RIH w/pkr & RBP to isolate leak. Evaluate for possible squeeze.

6. RIH w/bit, DC's, & tbg to plug @ 6798'. Drill out cmt. RIH to plug @ 9115'. Circ hole clean w/2% KCl. POOH w/tbg, DC's, & bit.
7. RU WL. RIH w/4" csg gun & perf Lower Brushy Canyon 2 SPF from 8248-68', 7161-71', 6880-900', & 6588-605' (134 shots). RD WL.
8. RIH w/pkr & 2 7/8" N-80 tbg to 8270'. Pickle tbg w/500 gal 15% NEFe.
9. Spot 3 bbls 7.5% Pentol acid across perfs. PU to 8180'. Acidize zone @ 3-5 BPM w/2000 gal 7.5% Pentol acid dropping 60 ball sealers evenly spaced. SD 15 min & flow back acid.
10. RU swab & swab test zone.
11. Rel pkr & RIH thru perfs. PU & reset pkr @ 8180'.
12. MIRU BJ. Frac down tbg @ 25 BPM w/125,000# 16/30 Ottawa & RC as per BJ recommendation. Max pressure 6000 psi.
13. Flow well back immediately at 1/2 to 1 BPM until well dies. RD BJ.
14. Rel pkr & POOH w/tbg.
15. RIH w/RBP, pkr, SN, & 2 7/8" tbg to 7300'. Set RBP. Load hole w/2% KCl. PU & test plug to 3000 psi.
16. PU to 7171'. Spot 3 bbls 7.5% Pentol acid across perfs. PU to 7100' & set pkr.
17. Acidize zones w/1000 gal 7.5% Pentol acid dropping 30 ball sealers evenly spaced. SI for 15 min and bleed off pressure.
18. Swab test zone for entry & cut.
19. Release pkr & RIH thru perfs to clear balls. PU & reset pkr @ 7100'.
20. Frac zone down tbg w/28,000# 16/30 RC @ 12 BPM as per BJ recommendation. Flush to top perf w/2% KCl. Max pressure 6500 psi.
21. Record ISIP and flow well back immediately at 1/2 to 1 BPM. RD BJ. Continue flowing back to tank at 1 BPM until well dies.
22. Rel pkr & RIH to RBP. Reverse off sand & release RBP. PU & reset RBP @ 7100'. Load hole w/2% KCl. PU & test plug to 3000 psi.
23. PU to 6900'. Spot 3 bbls 7.5% Pentol acid across perfs. PU to 6820' & set pkr.
24. Acidize zone w/2000 gal 7.5% Pentol acid dropping 60 ball sealers evenly spaced. SI for 15 min and bleed off pressure.
25. Swab test zone for entry & cut.
26. Release pkr & RIH thru perfs to clear balls. PU & reset pkr @ 6820'.
27. Frac zone down tbg w/28,000# 16/30 Ottawa & RC @ 12 BPM as per BJ recommendation. Flush to top perf w/2% KCl. Max pressure 6500 psi.
28. Record ISIP and flow well back immediately at 1/2 to 1 BPM. RD BJ. Continue flowing back to tank at 1 BPM until well dies.
29. Rel pkr & RIH to RBP. Reverse off sand & release RBP. PU & reset RBP @ 6800'. Load hole w/2% KCl. PU & test plug to 3000 psi.
30. PU to 6605'. Spot 3 bbls 7.5% Pentol acid across perfs. PU to 6530' & set pkr.
31. Acidize zone w/1500 gal 7.5% Pentol acid dropping 51 ball sealers evenly spaced. SI for 15 min and bleed off pressure.
32. Swab test zone for entry & cut.
33. Release pkr & RIH thru perfs to clear balls. PU & reset pkr @ 6530'.
34. Frac zone down tbg w/28,000# 16/30 Ottawa & RC @ 12 BPM as per BJ recommendation. Flush to top perf w/2% KCl. Max pressure 6500 psi.
35. Record ISIP and flow well back immediately at 1/2 to 1 BPM. RD BJ. Continue flowing back to tank at 1 BPM until well dies.
36. Rel pkr & RIH to RBP. Reverse off sand & release RBP. POOH w/tbg, pkr, & RBP.
37. RIH w/MA, perf sub, SN, 56 jts 2 7/8" 6.5# N-80 tbg, TA, & 2 7/8" tbg to 8250' (EOT). ND BOP, set TA, & NU WH.
RIH w/2 1/2" x 1 1/2" pump, 215-3/4" & 113-7/8" Norris 97 rods. Hang well on to pump @ 8 x 144" SPM. RDMO PU.

6. Minimum Specifications for Pressure Control:
 - a. The blowout preventor equipment (BOP) shown in Exhibit #1 will consist of a (3M system) double ram type preventor. The BOP will be mechanically operated and it will be equipped with blind rams on top and 2-7/8" drill pipe rams on bottom. Other accessory BOP equipment will include a safety valve.
7. Types and Characteristics of the Proposed Mud System:
 - a. Fresh water will be used to drill out the cement plugs.
8. Auxiliary Well Control and Monitoring Equipment:
 - a. A Full opening Safety Valve will be in the drill string at all times.
9. Logging, Testing and Coring Program:
 - a. No additional logs will be ran.
10. Abnormal Pressure, Temperatures and Potential Hazards:
 - a. No abnormal pressures or temperatures are anticipated during the proposed operations. Well is completely cased.
11. Anticipated Starting Date and Duration of Operations:
 - a. The anticipated start date is approximately April 28, 2003. The reentry operations should require approximately 45 days.

SURFACE USE AND OPERATING PLAN

1. Existing Roads:
 - a. Exhibit 2 is a 7.5 minute topographic map that shows the location of the wellsite and roads in the vicinity. The location is situated approximately 28 miles East of Carlsbad, New Mexico.
 - b. Direction to location: From the intersection of State Hwy 128 & CR 798, go North 4.7 miles, turn left go .2 mile turn left to the location.
2. Access Road:
 - a. Access to this location will require the constructin of approximately 70' of new access road from the ~~County~~^{Base} road. The area is covered under the original Archeological report. All new construction will adhere to the following specifications:
 - b. The maximum width of the road will be 15'. It will be crowned and made of 6" of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
 - c. Surface material will be native caliche. This material will be obtained from a BLM approved pit nearest in proximity to the location. The average grade will be approximately 1%.
 - d. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

3. Location of Existing Wells:

- a. Exhibit #3 shows all existing wells within a one-mile radius of the referenced well.

4. Location of Existing and/or Proposed Facilities:

- a. The proposed operations will be contained to the original location that was constructed when the well was originally drilled and completed. All power and flowlines will follow existing road to Barclay 11 Federal #7 w/ prior

5. Location and Type of Water Supply:

- a. It is planned to clean out the well with a fresh water system. Water will be hauled to the location by truck over existing roads and will be obtained from commercial sources. Sundry Notice approved 1/30

6. Methods of Handling Water Disposal:

- a. Cement cuttings will be disposed into the reserve pit.
- b. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- c. Water produced during operations will be either placed in the reserve pits and allowed to evaporate or collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the BLM for appropriate approval.
- d. Oil produced during operations will be stored in tanks until sold.
- e. Garbage, trash and waste paper produced during drilling operations will be collected in a contained trailer and disposed at an approved landfill. All waste material will be contained to prevent scattering by the wind. All water, fluids, salt or other chemicals will be disposed in the reserve pit. No toxic waste or hazardous chemicals will be generated by this operation.
- f. All waste material will be removed within 30 days after the well is either completed or abandoned. The reserve pit will be completely fenced until it has dried. At the point the reserve pit is found sufficiently dry, it will be backfilled and reclaimed as outlined by the BLM specifications. Only the portion of the drilling pad used by the production equipment (pumping unit and tank battery) will remain in use. If the well is deemed non-commercial, only a dry hole marker will remain.

7. Ancillary Facilities:

- a. No campsite or other facilities will be constructed as a result of this well.

8. Well Site Layout:

- a. Exhibit 4 shows the dimensions of the well pad and reserve pit, and the location of major rig components.
- b. No permanent living facilities are planned, but temporary trailers may be on location throughout drilling operations.
- c. The reserve pit will be lined using plastic sheeting of 5-7 mil thickness.

9. Plans for Restoration of Surface:

- a. If it is determined to be noncommercial the location and road will be rehabilitated as recommended by the BLM. The reserve pit area will be broken out and leveled after

drying to a condition where these efforts are feasible. The original topsoil will again be returned to the pad and contoured, as close as possible, to the original topography.

- b. The pit lining will be buried or hauled away in order to return the location and road to their pristine nature. All pits will be filled and location leveled, weather permitting, within 120 days after abandonment.

10. Surface Ownership:

- a. The well site is owned by the Bureau of Land Management.
- b. Access to the site uses existing roads.

11. Other Information:

- a. The wellsite and access route are located in a relatively flat area.
- b. No wildlife was observed but it is likely that deer, rabbits, coyotes and rodents traverse the area.

12. Lessee's and Operator's Representative:

The Devon Energy Production Company, LP representatives responsible for assuring compliance of the surface use plan are:

Jim Blount
Operations Engineering Advisor

Joe Handley
Production Foreman

Devon Energy Production Company, LP
20 North Broadway
Ste 1500
Oklahoma City, OK 73102

Devon Energy Production Company, LP
2401 Pecos Avenue
Artesia, NM 88210

Phone:
(405) 228-4301 Office
(405) 834-9207 Mobile

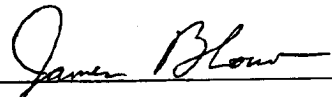
(505) 748 5232 Mobile
(505) 748-3371 Office
(505) 748-5292 Home

Certification:

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

Date: 4-11-03

Signed: _____


Jim Blount
Operation Engineering Advisor

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201-1287

Statement Accepting Responsibility for Operations

Operator Name: **Devon Energy Production Company, LP**
Street or Box: **20 North Broadway, Suite 1500**
City, State: **Oklahoma City, Oklahoma**
Zip Code: **73102-8260**

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described below.

Lease No.: **NM-0404441**


Legal Description of Land: **1440 acres 11-T23S - R31E**

Formation(s): **Ingle Wells (Delaware)**

Bond Coverage: **Nationwide**

BLM Bond File No.: **CO-1104**

Authorized Signature:


Jim Blount

Title: **Operations Engineering Advisor**

Date: **4/11/03**

BARCLAY II Federal #1

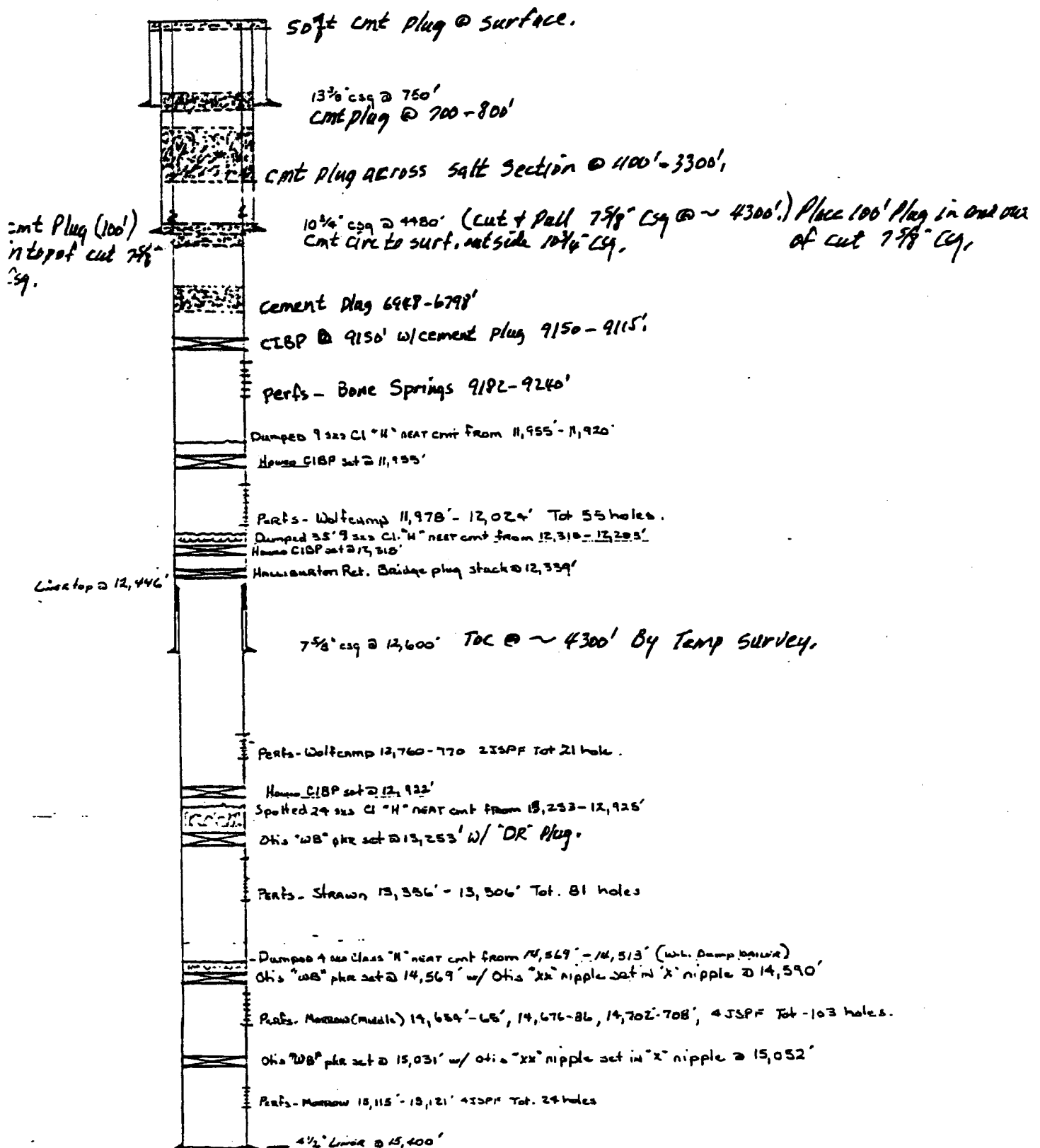
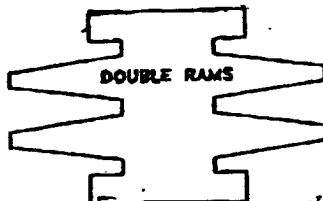


EXHIBIT # 1



GA PROJECTS OPENED

10/10/03	

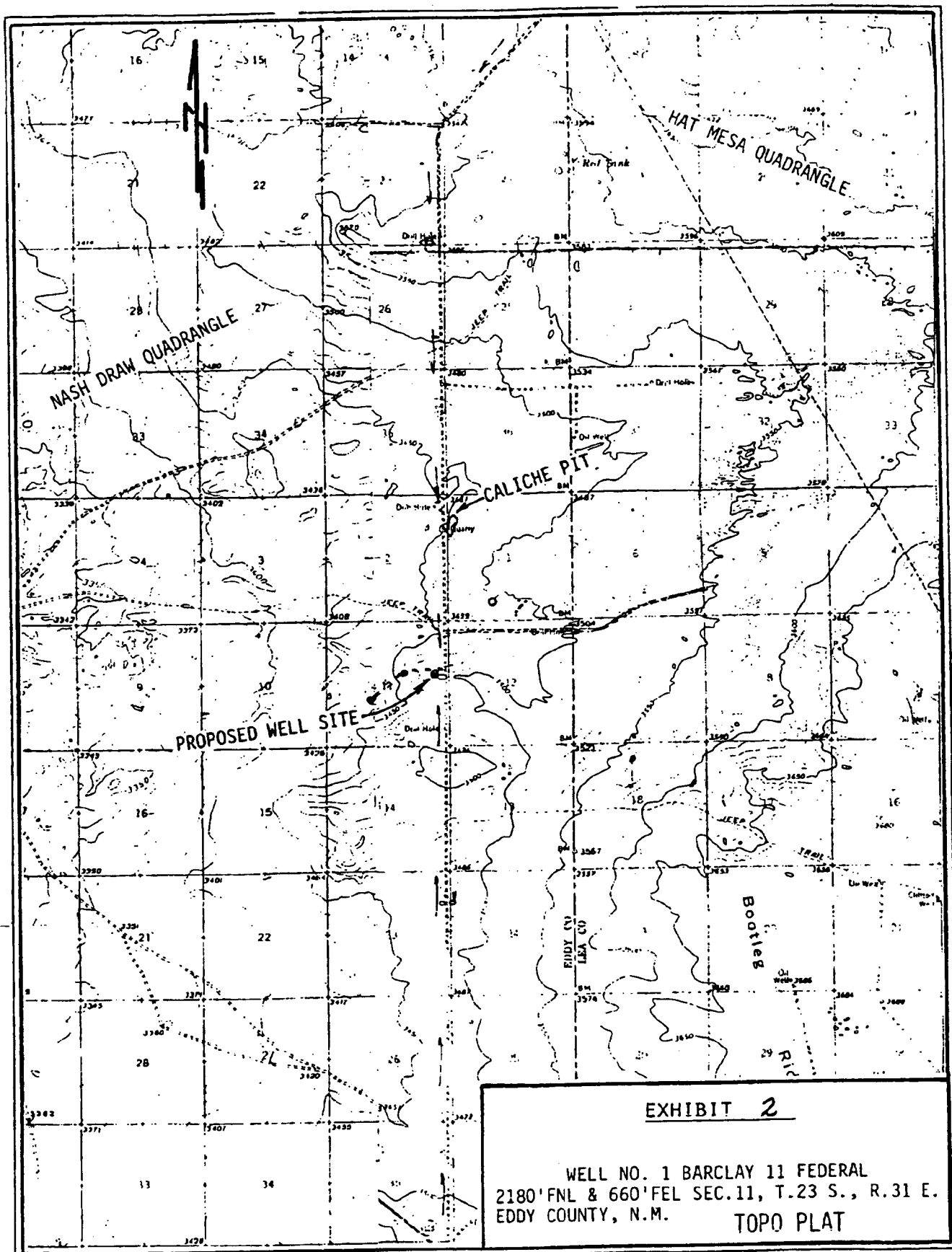
devon

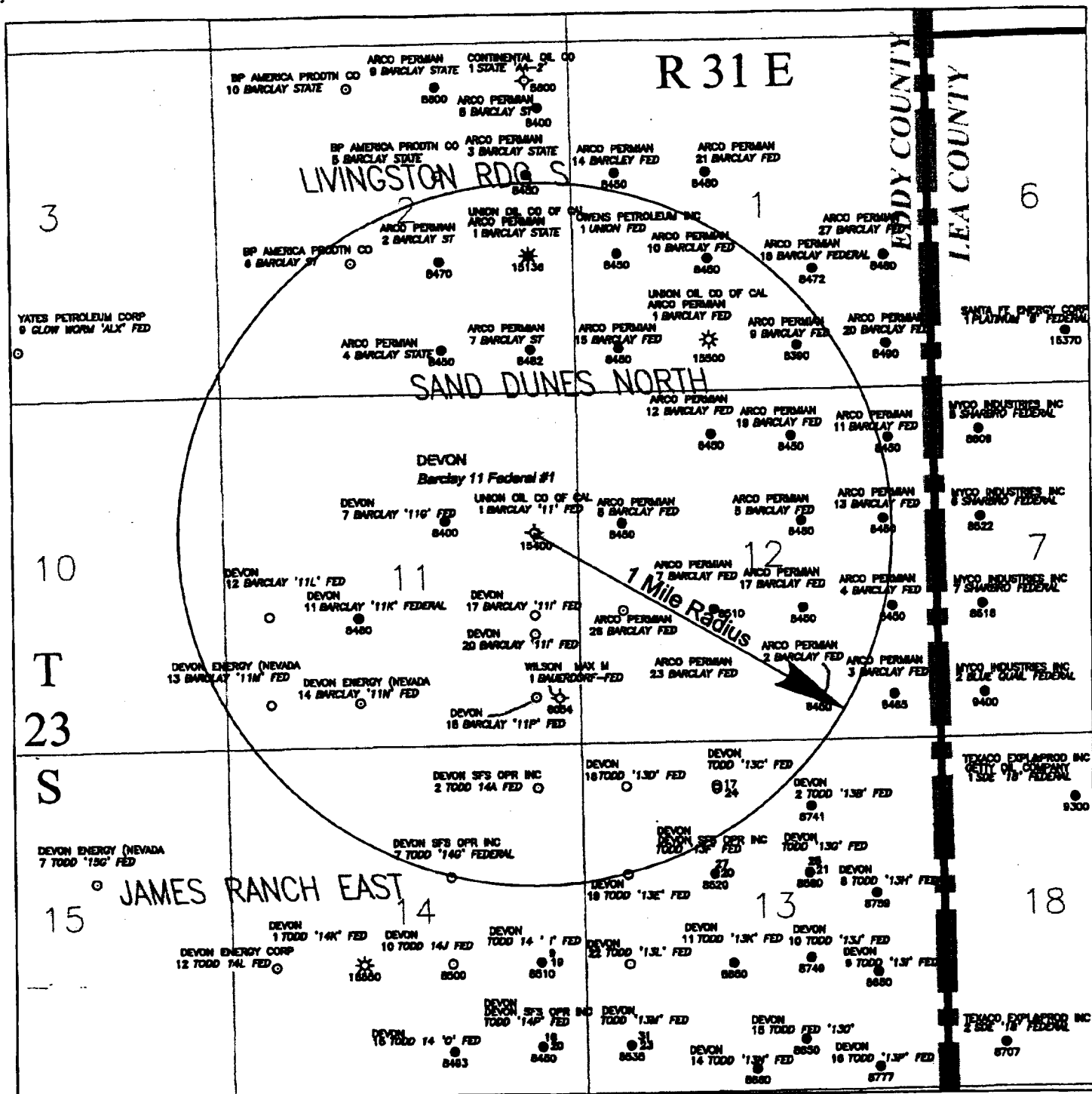
GA PROJECTS OPENED

BLOWOUT PREVENTOR

03

4/10





devon EXHIBIT 3

Sand Dunes, North Field
Eddy County, New Mexico

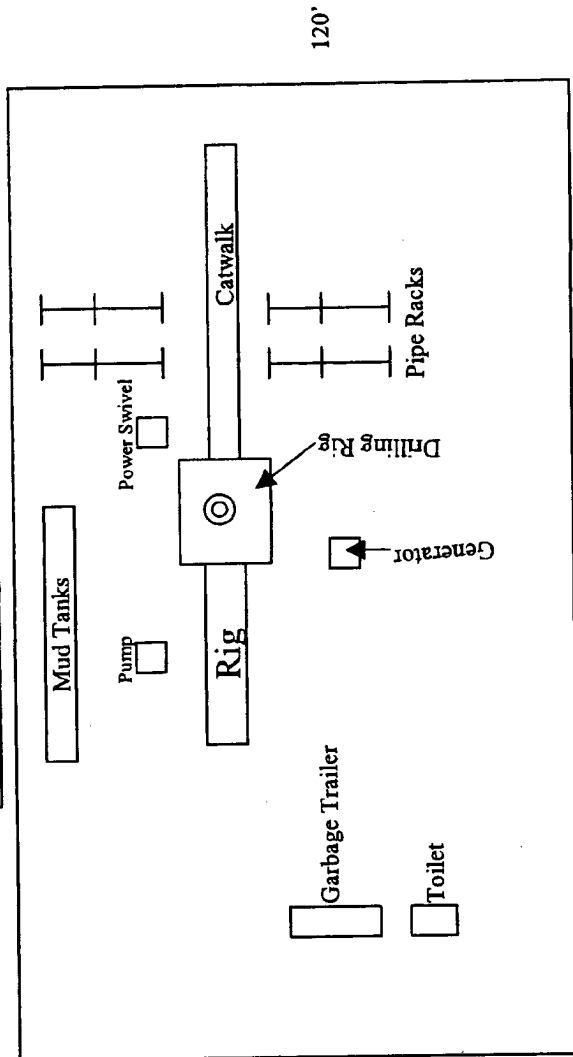
Bardclay '11' Federal #1
Sec 11, T23S R31E
2180' FNL & 660' FEL

Scale: 1" = 2000' Date: 3-9-03

BARCLAY-11-FED-No-1.dwg

50' Cuttings Pit

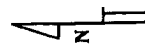
50'



70' of new Access road

Existing Road

200'



Devon Energy Production Company, LP
Barclay 11 Fed #1

Drilling Pad
Exhibit #4