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Form 3160-3
(April 2004)

Re Entry

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
NM-~~0478351~~ 110352

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☐ DRILL ☑ REENTER

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

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Bison Wallow Unit 1

2. Name of Operator
Devon Energy Production Company, LP Undes

9. API Well No.
30-015-23112

3a. Address **20 North Broadway**
Oklahoma City, Oklahoma City 73102-8260

3b. Phone No. *(include area code)*
405-552-7802

10. Field and Pool, or Exploratory
Brushy Draw; **Delaware** North 8085

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface **1980' FNL & 660' FEL**
At proposed prod. zone **1980' FNL & 660' FEL**

11. Sec., T. R. M. or Blk. and Survey or Area
Sec 34, T25S R29E

14. Distance in miles and direction from nearest town or post office*
Approximately 16 miles southeast of Malaga, NM

12. County or Parish
Eddy County

13. State
NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
	480	**40 acres**
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth ~~14,400~~ 6000'	20. BLM/BIA Bond No. on file
21. Elevations (Show whether DF, KDB, RT, GL, etc.) **2988'**	22. Approximate date work will start* **03/15/2006**	23. Estimated duration **45 days**

24. Attachments

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

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name *(Printed Typed)*	Date
	Stephanie A. Ysasaga	**03/07/2006**

Title **Sr. Staff Engineering Technician**

Approved by *(Signature)*	Name *(Printed Typed)*	Date
/S/ Russell E. Sorensen	/S/ Russell E. Sorensen	MAY 0 4 2006

Title ACTING FIELD MANAGER

Office CARLSBAD FIELD OFFICE

Application approval does not warrant or certify that 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.

**(Instructions on page 2)*

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
AUG 1 1980

Form C-102
Supersedes C-128
Effective 14-65

LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
Devon Energy Production Co., LP 6137	Bison Wallow Unit 30-015-23112	1

Unit Letter	Section	Township	Range	County
H	34	25 South	29 East	Eddy

Actual Footage Location of Well:
1980 feet from the North line and 660 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
2988.3		Delaware	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

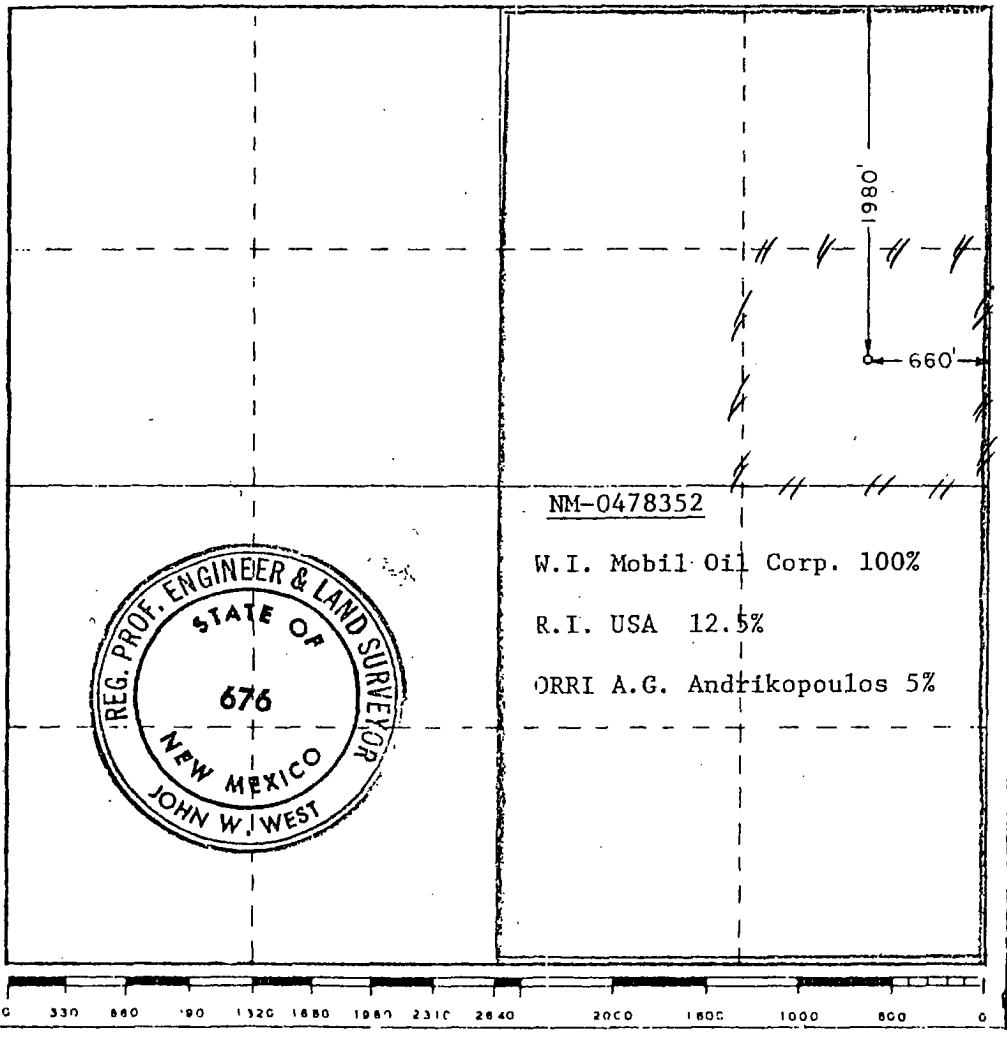
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

Name: Stephanie A. Ysasaga

Position: Sr. Staff Engineering Tech

Company: Devon Energy Production Co., LP

Date: 03/07/06

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: November 19, 1979

Registered Professional Engineer and/or Land Surveyor:

Certificate No. JOHN W. WEST 676
PATRICK A ROMERO 6668
Ronald J. Eidson 3239

Additional Operator Remarks:

Devon Energy Production Company, LP proposes to drill a Delaware well to depth of 6000' for commercial quantities of oil and gas. If the well is deemed noncommercial, the wellbore will be plugged and abandoned per Federal regulations. Devon Energy Production Co., LP plans to drill the well per the attached Drilling and Surface Use Plans.

Directions:

Directions to Location: From Malaga go south on highway #285 until you get to mile marker #4, turn east on blacktop road and go approximately 3 miles to El Paso Plant, take north fork in the road and go approximately 3 miles northeast to location.

APD Comments:

This well was originally permitted and approved December 2nd, 1979, in the Morrow – Wildcat field. API # 30-015-23112. This well was plugged in 1983. The purpose of the following work is to reenter this plugged well to a depth of 6000'.

REENTRY PROGRAM

Devon Energy Production Company, LP
Bison Wallow Unit 1
Surface Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM
Bottom hole Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM

1. Geologic Name of Surface Formation

a. Quaternary

2. Estimated tops of geological markers:

a.	Delaware	3050'
b.	Wolfcamp	10120'
c.	Cisco Canyon	12220'
d.	Strawn	12395'
e.	Atoka	12515'
f.	Upper Morrow	13170'
g.	Lower Morrow	13440'
h.	Morrow Limestone	13590'
i.	Morrow C Zone	14025'
j.	Total Depth	14200'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas

a.	Delaware sand	0-350'	Fresh Water
b.	Wolfcamp – Morrow	350-TD	Oil/Gas

4. Casing Program:

Hole Size	Interval	OD Csg	Weight	Collar	Grade
20"	0' –363'	20"	9.4#	NA	Conductor
17 1/2"	0' – 3010'	13 3/8"	61#	ST&C	K55
12 ¼"	3010' - 11154'	9 5/8"	47#	LT&C	S95
6 1/2"	11154' – 14391'	5 ½"	20#	LT&C	S95

5. Cement Program:

a.	20"	Conductor	Cemented with 800 sx Class C + 2% CaCl2 to surface.
b.	13 3/8"	Surface	Cemented with 2920 sx Halliburton lite + 300 sx Class "C" to surface.
c.	9 5/8"	Intermediate	Cemented with 985 sx TLW + 300 sx Class "H".
d.	5 ½"	Production	Cemented with 1635 sx Class "H".

6. **Operations Plan:**
This well was plugged in 1983. 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 6000'.

7. **Minimum Specifications for Pressure Control:**
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.

8. **Types and Characteristics of the Proposed Mud System:**
* Fresh water will be used to drill out the cement plugs.

9. **Auxilary Well Control and Monitoring Equipment:**
* A fully opening safety valve will be in the drill string at all times.

10. **Logging, Testing and Coring Programs:**
* GR-CBL-CCL log will be ran.

11. **Abnormal Pressure, Temperatures and Potential Hazards:**
* No abnormal pressures or temperatures are anticipated during the proposed operations. Well is completely cased.

12. **Anticipated Starting Date and Duration of Operations:**
The anticipated start date is approximately March 20th, 2006. The reentry operations should require approximately 45 days.

PROCEDURE

Devon Energy Production Company, LP
Bison Wallow Unit 1
Surface Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM
Bottom hole Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM

1. MIRU PU. NU WH & NU BOP. RIH w/8 1/2" bit & DC's & drill out surf plug, cmt plug from 400-500', cmt & retainer from 2960-3060'. RIH to plug @ 7110' & circ hole w/2% KCl. Test csg to 1000 psi. POOH w/tbg, DC's, & bit.

2. RU WL & RIH w/GR-CBL-CCL & log from 6000-5000'. Evaluate for possible block squeeze if TOC is below 5000'.

3. Perf 4 sqz holes 50' above TOC or at 6000' (whichever is higher). Perf 4 sqz holes @ 5000'. RIH w/pkr & 2 7/8" tbg to 50' above lower sqz holes and set pkr. Estab circulation with upper perfs. POOH. RIH w/cement retainer & set 50' above lower sqz holes. Estab circulation and squeeze with ±480 sx Cl C as per BJ recommendation. Sting out of retainer & PU above 5000' & reverse out.

4. RIH w/bit, DC's, & tbg & drill out cmt at 5000'. Test csg to 500 psi and evaluate for resqueeze squeeze holes at 5000'.

5. Drill out/RIH to 6000'. POOH w/tbg, DC's, & bit.

6. RIH w/4" csg gun & perf Delaware 2 SPF from **5558-78'** (40 shots). RD WL.

7. RIH w/pkr & 2 7/8" J-55 tbg to 5580'. Pickle tbg w/500 gal 15% NEFe.

8. Spot 3 bbls 7.5% Pentol acid across perfs. PU to 5500'. Acidize zone @ 3-5 BPM w/2000 gal 7.5% Pentol acid dropping 60 ball sealers evenly spaced. SD 15 min & flow back acid.

9. RU swab & swab test zone.

10. Rel pkr & RIH thru perfs. PU & reset pkr @ 5500'.

11. MIRU BJ. Frac down tbg @ 20 BPM w/120,000# 16/30 Ottawa & RC as per BJ recommendation. Max pressure 6000 psi.

12. Flow well back immediately at ½ to 1 BPM until well dies. RD BJ.

13. Rel pkr & POOH w/tbg.

14. RIH w/MA, perf sub, SN, 4 jts 2 7/8" 6.5# J-55 tbg, TA, & 2 7/8" tbg to 5600' (EOT). ND BOP, set TA, & NU WH.

15. RIH w/2½" x 1½" pump, 143-3/4" & 79-7/8" Gr D rods. Hang well on to pump @ 9 x 144" SPM. RDMO PU.

SURFACE USE PLAN
Devon Energy Production Company, LP
Bison Wallow Unit 1
Surface Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM
Bottom hole Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM

1. **Existing Roads & Access Road:**
   a. The existing road and access road in place will be used.
   b. Directions to Location: From Malaga go south on highway #285 until you get to mile marker #4, turn east on blacktop road and go approximately 3 miles to El Paso Plant, take north fork in the road and go approximately 3 miles northeast to location.
   c. No cattle guards, grates or fence cuts will be required. No turnouts are planned.

2. **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.

3. **Location and Type of Water Supply:**
   a. It is planned to clean out well with a fresh water system. Water will be hauled to the location by over existing roads and will be obtained from commercial sources.

4. **Methods of Handling Waste Material:**
   a. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in an approved sanitary landfill.
   b. The supplier, including broken sacks, will pick up salts remaining after completion of well.
   c. Wastewater from living quarters will be drained into hole with a minimum of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-john will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

5. **Well Site Layout**
   a. Exhibit D shows the proposed well site layout.

6. **Plans for Restoration of Surface, Ownership & Other Information:**
   a. If it is determined to be noncommercial the location and road will be rehabilitated as recommended by the BLM. The original topsoil will again be returned to the pad and contoured, as close as possible, to the original topography.
   b. The surface is owned by the US Government and is administered by the Bureau of Land Management. The surface is of limited use except for the grazing of livestock and the production of oil and gas.
   c. There are no dwellings within 2 miles of location.
   d. Access to the site uses existing roads.
   e. The wellsite and access road are located in a relatively flat area.
   f. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.

Operators Representative:

The Devon Energy Production Company, L.P. representatives responsible for ensuring compliance of the surface use plan are listed below.

Jim Blount
Operations Engineer Advisor

Devon Energy Production Company, L.P.
20 North Broadway, Suite 1500
Oklahoma City, OK 73102-8260

(405) 228-4301 (office)
(405) 834-9207 (Cellular)

Don Mayberry
Superintendent

Devon Energy Production Company, L.P.
Post Office Box 250
Artesia, NM 88211-0250

(505) 748-3371 (office)
(505) 746-4945 (home)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill 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, L.P. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Signed: _____ Date: March 8th, 2006

Stephanie A. Ysasaga
Sr. Staff Engineering Technician

Attachment to Exhibit #1
NOTES REGARDING BLOWOUT PREVENTERS
Devon Energy Production Company, LP
Bison Wallow Unit 1
Surface Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM
Bottom hole Location: 1980' FNL & 660' FWL, Unit H, Sec 34 T25S R29E, Eddy, NM

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.

2. Wear ring will be properly installed in head.

3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.

4. All fittings will be flanged.

5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.

6. All choke lines will be anchored to prevent movement.

7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.

8. Will maintain a kelly cock attached to the kelly.

9. Hand wheels and wrenches will be properly installed and tested for safe operation.

10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.

11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H2S safety instructor to the following:
   a. Characteristics of H2S
   b. Physical effects and hazards
   c. Proper use of safety equipment and life support systems.
   d. Principle and operation of H2S detectors, warning system and briefing areas
   e. Evacuation procedures, routes and first aid.
   f. Proper use of 30-minute pressure demand air pack.

2. H2S Detection and Alarm System
   a. H2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.

3. Windsock and/or wind streamers
   a. Windsock at mud pit area should be high enough to be visible
   b. Windsock at briefing area should be high enough to be visible
   c. There should be a windsock at entrance to location

4. Condition Flags and Signs
   a. Warning Sign on access road to location
   b. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H2S present in dangerous concentration. Only emergency personnel admitted to location.

5. Well Control Equipment
   a. See Exhibit "E" & "E-1"

6. Communication
   a. While working under masks chalkboards will be used for communication.
   b. Hand signals will be used where chalk board is inappropriate
   c. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephones will be available at most drilling foreman's trailer or living quarters.

7. Drill stem Testing
   a. Exhausts will be watered
   b. Flare line will be equipped with an electric igniter or a propane pilot light in case gas reaches the surface.
   c. If the location is near to a dwelling a closed DST will be performed.

8. Drilling contractor supervisor will be required to be familiar with the effects H2S has on tubular goods and other mechanical equipment.
   If H2S is encountered, mud system will be altered if necessary to maintain control or formation. A mud gas separator will be brought into service along with H2S scavengers if necessary.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: BISON WALLOW UNIT #1	Field: WILDCAT		
Location: 1980' FNL & 660' FEL; SEC 34-T25S-R29E	County: EDDY	State: NM	
Elevation: 2988' GR	Spud Date: 12/31/79	Compl Date: 7/2/80	
API#: 30-015-23112	Prepared by: Ronnie Slack	Date: 3/8/06	Rev:

CURRENT--- PLUGGED & ABANDONED

Cut 13-3/8" & 9-5/8" wellhead off. P&A 2/28/83
15 Sx cmt surface plug

10 ppg mud

20", 94#, @ 363'
Cmt'd w/800 sx

35 Sx cmt @ 400'-500' (3/1/83)

10 ppg mud

ETOC on 9-5/8" annulus from sqz = 2866'

15 Sx cmt on top of retainer. ETOC @ 2920'.
EZSV @ 2968'
35 Sx cmt below retainer

17-1/2" Hole
13-3/8", 61#, K55, STC, @ 3010'
Cmt'd w/3220 sx. Circulated

Sqz holes @ 3060' w/50 Sx cmt sqzd (2/28/83)

ETOC 9-5/8" annulus @ 5739'

10 ppg mud

Pumped 50 sx cement at 7260'. Tagged plug @ 7078'
Jet cut 5-1/2" @ 7185'. POOH w/casing (2/25/83)
5-1/2" casing free @ 7200'

10 ppg mud

12-1/4" Hole
9-5/8", 47#, S95, @ 11,154'
Cmt'd w/985 sx + tailed w/300 sx. Full returns

35' Cement on top
CIBP @ 11300' (2/18/83)
Packer @ 11320'

WOLFCAMP
11364-11374' (added 4/81)
11379' - 11449' (original perfs) 7/2/80: orig IP 2500 Mcf, 2700#
11451-11453; 11460-11464; 11466-11468 (added 4/81)
11478-11480; 11497-11514; 11519-11521 (added 4/81)
11538-11550; 11564-11567; 11591-11594 (added 4/81)

6-1/2" Hole
5-1/2", 20#, S95, @ 14391'
Cmt'd w/1100 sx + tailed w/535 sx

PBTD @ 14305'

TD @ 14391'

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: BISON WALLOW UNIT #1	Field: WILDCAT		
Location: 1980' FNL & 660' FEL; SEC 34-T25S-R29E	County: EDDY	State: NM	
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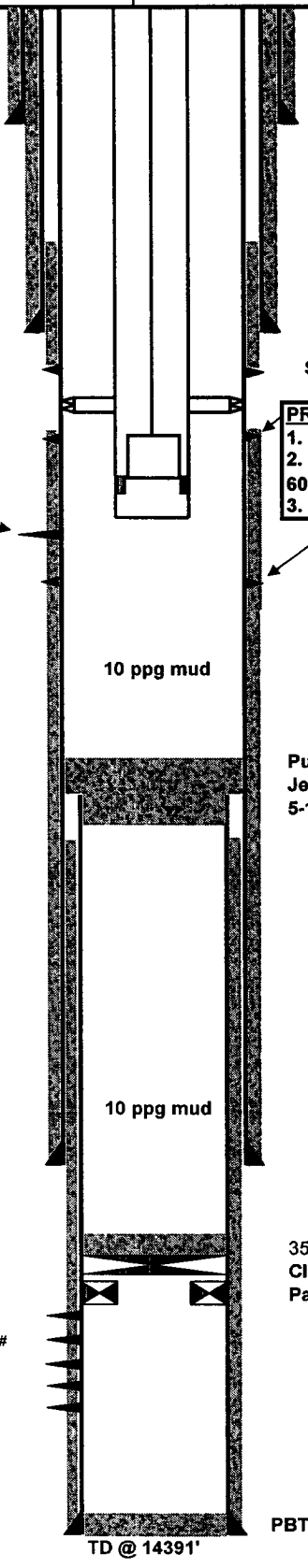


PROPOSED
Reenter PA well & complete in Delaware

20", 94#, @ 363'
Cmt'd w/800 sx

ETOC on 9-5/8" annulus from sqz = 2866'

17-1/2" Hole
13-3/8", 61#, K55, STC, @ 3010'
Cmt'd w/3220 sx. Circulated

PROPOSED
Delaware Perforations @ 5558' - 5578'
Acidize w/+/- 2000 gals 7.5% pentol acid
Frac w/+/- 120K# 16/30 sand

12-1/4" Hole
9-5/8", 47#, S95, @ 11,154'
Cmt'd w/985 sx + tailed w/300 sx. Full returns

WOLFCAMP
11364-11374' (added 4/81)
11379' - 11449' (original perfs) 7/2/80: orig IP 2500 Mcf, 2700#
11451-11453; 11460-11464; 11466-11468 (added 4/81)
11478-11480; 11497-11514; 11519-11521 (added 4/81)
11538-11550; 11564-11567; 11591-11594 (added 4/81)

6-1/2" Hole
5-1/2", 20#, S95, @ 14391'
Cmt'd w/1100 sx + tailed w/535 sx

PROPOSED:
Drill out existing cement plugs at surface, at 400'-500', and at 2920-3060'.

PROPOSED
Run 2-7/8" tubing & put on rod pump

Sqz holes @ 3060' w/50 Sx cmt sqzd (2/28/83)

PROPOSED
1. Run CBL Log from 5000'-6000' & evaluate for blk sqz
2. If TOC is below 5000', perf for sqz above TOC or 6000', whichever is higher. Perf sqz holes @ 5000'.
3. Sqz w/+/- 480 sx Cl C. Test & evaluate for re-sqz

10 ppg mud

Pumped 50 sx cement at 7260'. Tagged plug @ 7078'
Jet cut 5-1/2" @ 7185'. POOH w/casing (2/25/83)
5-1/2" casing free @ 7200'

10 ppg mud

35' Cement on top
CIBP @ 11300' (2/18/83)
Packer @ 11320'

PBTD @ 14305'
TD @ 14391'

Apance "25" Federal No. 5

EXHIBIT # 1

Eddy County, New Mwxico

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3,000 psi Working Pressure

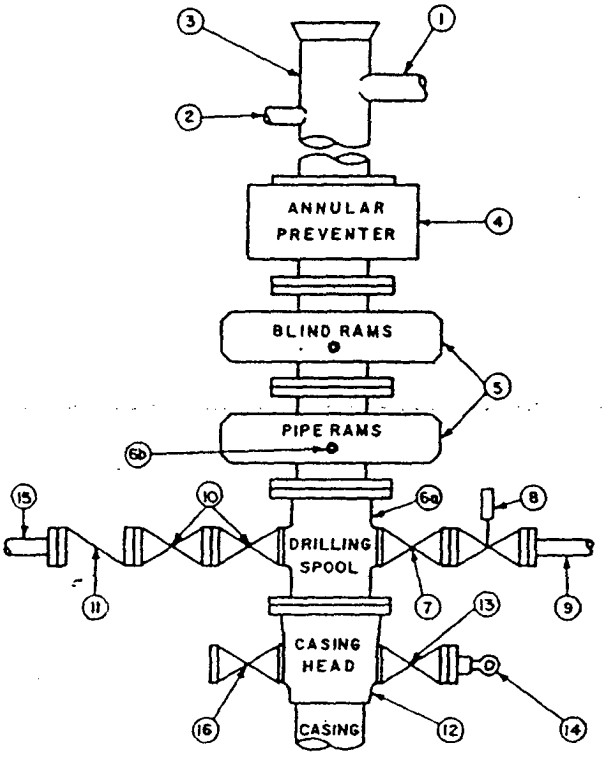
3 MWP

STACK REQUIREMENTS

No.	Item	Min. I.D.	Min. Nominal
1	Flowline		
2	Fill up line		2"
3	Drilling nipple		
4	Annular preventer		
5	Two single or one dual hydraulically operated rams		
6a	Drilling spool with 2" min. kill line and 3" min choke line outlets		
	—— or ——		
6b	2" min. kill line and 3" min. choke line outlets in ram. (Alternate to 6a above.)		
7	Valve Gate ☐ Plug ☐	3-1/8"	
8	Gate valve—power operated	3-1/8"	
9	Line to choke manifold		3"
10	Valves Gate ☐ Plug ☐	2-1/16"	
11	Check valve	2-1/16"	
12	Casing head		
13	Valve Gate ☐ Plug ☐	1-13/16"	
14	Pressure gauge with needle valve		
15	Kill line to rig mud pump manifold		2"

OPTIONAL			
16	Flanged valve	1-13/16"	

CONFIGURATION A



CONTRACTOR'S OPTION TO FURNISH:

1. All equipment and connections above bradenhead or casinghead. Working pressure of preventers to be 3,000 psi, minimum.
2. Automatic accumulator (80 gallon, minimum) capable of closing BOP in 30 seconds or less and, holding them closed against full rated working pressure.
3. BOP controls, to be located near drillers position.
4. Kelly equipped with Kelly cock.
5. Inside blowout prevventer or its equivalent on derrick floor at all times with proper threads to fit pipe being used.
6. Kelly saver-sub equipped with rubber casing protector at all times.
7. Plug type blowout preventer tester.
8. Extra set pipe rams to fit drill pipe in use on location at all times.
9. Type RX ring gaskets in place of Type R.

MEC TO FURNISH:

1. Bradenhead or casinghead and side valves.
2. Wear bushing, if required.

GENERAL NOTES:

1. Deviations from this drawing may be made only with the express permission of MEC's Drilling Manager.
2. All connections, valves, fittings, piping, etc., subject to well or pump pressure must be flanged (suitable clamp connections acceptable) and have minimum working pressure equal to rated working pressure of preventers up through choke. Valves must be full opening and suitable for high pressure mud service.
3. Controls to be of standard design and each marked, showing opening and closing position.
4. Chokes will be positioned so as not to hamper or delay changing of choke beans. Replaceable parts for adjustable choke, other bean sizes, retainers, and choke wrenches to be conveniently located for immediate use.
5. All valves to be equipped with handwheels or handles ready for immediate use.
6. Choke lines must be suitably anchored.
7. Handwheels and extensions to be connected and ready for use.
8. Valves adjacent to drilling spool to be kept open. Use outside valves except for emergency.
9. All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
10. Casinghead connections shall not be used except in case of emergency.
11. Do not use kill line for routine fill-up operations.

Bison Wallow Unit #1

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 ~~0478352~~**
Legal Description of Land:	**40 acres 34-T25S-R29E** **SE/4 NE/4 1980' FNL & 660' FEL**
Formation(s):	**Delaware**
Bond Coverage:	**Nationwide**
BLM Bond File No.:	**CO-1104**
Authorized Signature:	**Stephanie A. Ysasaga**
Title:	**Sr. Staff Engineering Technician**
Date:	**03/08/06**

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Devon Energy Production Company LP **Well No.** 1 - Bison Wallow Unit
Location: 1980' FNL & 660' FEL **sec.** 34, **T.** 25 S., **R.** 29 E.
Lease: NM-110352

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I. DRILLING OPERATIONS REQUIREMENTS: [Re-Entry]

1. The Bureau of Land Management (BLM) is to be notified at (505) 234-5972 in sufficient time for a representative to witness:

A. Re-entry

2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

3. A Hydrogen Sulfide Contingency Plan should be activated prior to drilling **into the plug at the base of the 13-3/8 inch intermediate casing shoe from 2920 feet to 3060 feet.** A copy of the plan shall be posted at the drilling site.

II. CASING:

1. Minimum required fill of cement behind the **9-5/8** inch production casing **already set at 11154 feet is sufficient to tie back 500 feet above the uppermost perforation in the pay zone.**

III. PRESSURE CONTROL:

1. Before drilling **into the plug set below the base of the 20 inch surface casing shoe from 400 feet to 500 feet,** the blowout preventer assembly shall consist of a minimum of One Annular Preventer or Two Ram-Type Preventers and a Kelly Cock/Stabbing Valve

2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be **2000** psi.

3. Before drilling **into the plug at the base of the 13-3/8 inch intermediate casing shoe from 2920 feet to 3060 feet,** the BOPE shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

A. The results of the test will be reported to the BLM Carlsbad Field Office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.

B. Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.

C. Testing must be done in a safe workman like manner. Hard line connections shall be required.