Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APROVED
OMB NO. 1004-0135
EXPIRES: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE

APR 10 2008

OCD-ARTESIA

1a Type of Well ☑ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. **LC-061783-B**
	6. If Indian, Allottee or Tribe Name
	7 Unit or CA Agreement Name and No
	8 Well Name and No. **Mann 3 Federal 4**
2 Name of Operator **DEVON ENERGY PRODUCTION COMPANY, LP**	9. API Well No. **30-015-35936**
3. Address and Telephone No. 20 North Broadway, Oklahoma City, OK 73102-8260 405-552-8198	10. Field and Pool, or Exploratory **Red Lake; Glorieta-Yeso**
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 452 FSL & 867 FWL Sec 3 T18S R27E, Unit M	11. County or Parish State **Eddy NM**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OS SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof If the proposal deepen directionally or recomplete horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Devon Energy Production Company, LP respectfully requests to change the following items from the original APD approved on 11/23/07.

Rig change to the Patterson Rig # 493. See attached rig layout.

Changes to the approved Master Drilling Plan are as follows: See attached diagrams and revised drilling plan.

1. 11" surface hole size
2. 4" manifold line
3. 3000# working pressure BOP

Changes okay, accepted since work already started,

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

Signed _____ Name Norvella Adams
Title Sr. Staff Engineering Technician

ACCEPTED FOR RECORD
Date 3/26/2008

(This space for Federal or State Office use)

Approved by _____ Title _____
Conditions of approval, if any:

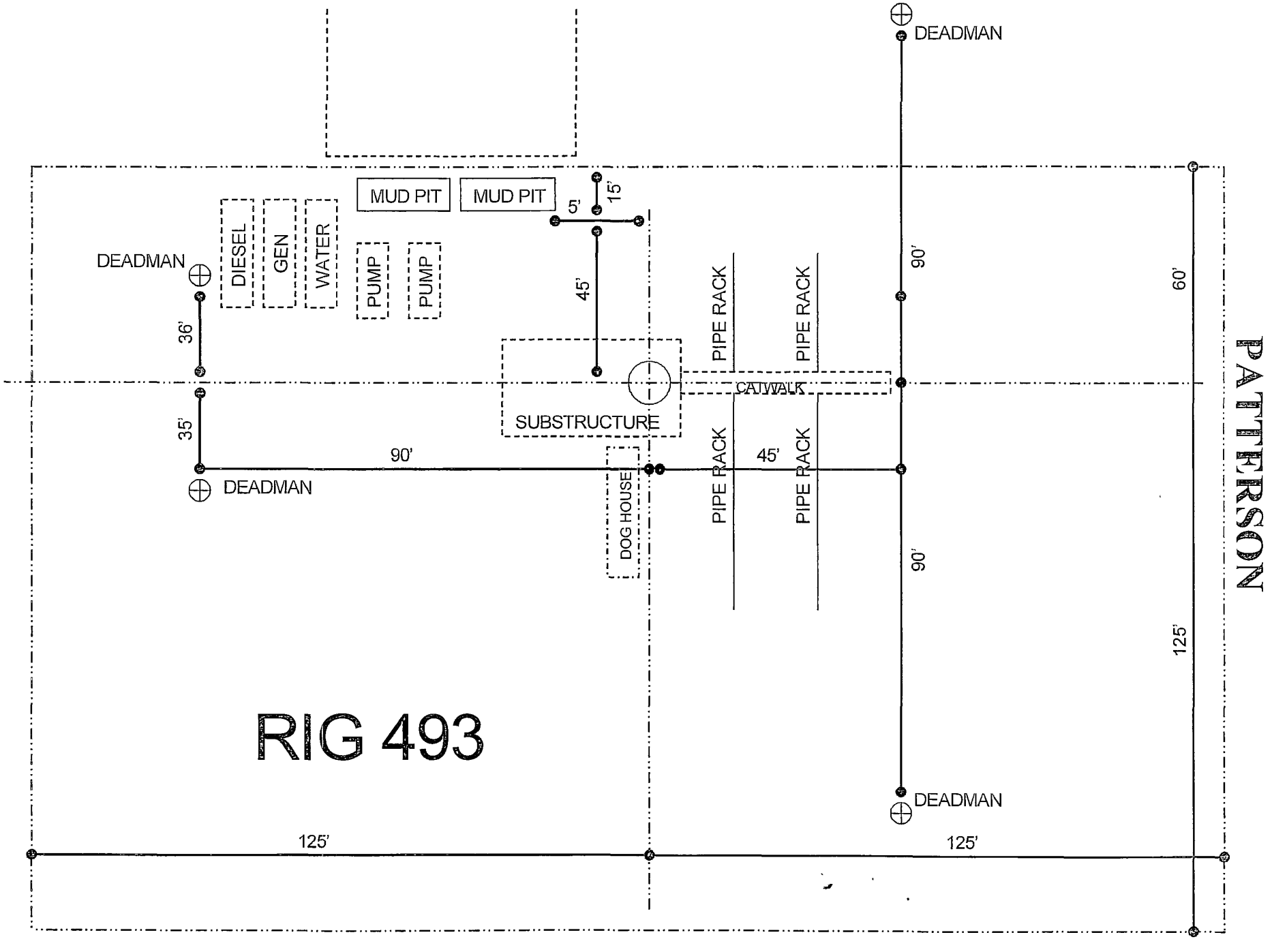
Date APR 7 2008

WESLEY W INGRAM
PETROLEUM ENGINEER

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

*See Instruction on Reverse Side

FOR RECORDS ONLY


DEADMAN
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MUD PIT
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90'
60'
PIPE RACK
PIPE RACK
CATWALK
SUBSTRUCTURE
35'
90'
45'
DEADMAN
DOG HOUSE
PIPE RACK
PIPE RACK
90'
125'
RIG 493
DEADMAN
125'
125'
PATTERSON

MASTER DRILLING PROGRAM
RED LAKE FIELD
Devon Energy Production Company, LP
Revised 8/02/07

1. **Geologic Name of Surface Formation**

   a. Permian

2. **Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:**

a.	Queen	879'	Water
b.	Grayburg	1330'	Oil
c.	San Andres	1610'	Oil
d.	Glorieta-Yeso	2960'	Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 8 5/8" casing at approximately 1150' and circulating cement back to surface. A shallower setting depth may be required to prevent the surface casing from being set through the Premier Sand. The Grayburg and San Andres intervals will be isolated by setting 5 1/2" casing to total depth (4000'+/-) and circulating cement to surface.

Casing Program:

Hole Size	Hole Interval	OD Csg	Casing Interval	Weight	Collar	Grade
~~12 1/4"~~ 11"	0'- 1150'	8 5/8"	0'- 1150'	24#	ST&C	J-55
7 7/8"	0'- 4000'	5 ½"	0'- 4000'	15.5#	ST&C	J-55

Design Parameter Factors:

Casing Size	Collapse Design Factor	Burst Design Factor	Tension Design Factor
8 5/8"	2.61	2.57	8.84
5 ½"	2.05	2.44	3.26

3. **Cement Program:**

a. 8 5/8" Surface — Cement to surface with Lead; 475 sx (35:65) Poz Classs C cement + 2% bwoc $CaCl_2$ + 0.125 lbs/sx Cello Flake + 6% bwoc Bentonite; 12.80 ppg, 1.83 cf/sx, 9.76 gps. Tail with 250 sx Class C cement + 2% bwoc $CaCl_2$ + 0.125 lbs/sx Cello Flake; 14.8 ppg, 1.35 cf/sx, 6.35 gps.

b. 5 1/2" Production — Cement to surface with Lead; 180 sx (35:65) Poz Class C cement + 5% bwow NaCl + 0.125 lbs/sx Cello Flake + 6% bwoc Bentonite; 12.7 ppg, 1.94 cf/sx, 10.51 gps. Tail with 510 sx (60:40) Poz Class C cement + 5% bwow Sodium Chloride + 0.75% bwoc BA-

10 + 0.125 lbs/sx Cello Flake + 0.4% bwoc Sodium Metasillicate + 4% bwoc MPA-1. 13.8 ppg, 1.37 cf/sx, 6.33 gps.

The above cement volumes could be revised pending the caliper measurement from the open hole logs. The top of cement is designed to reach to surface. All casing is new and API approved.

4. Pressure Control Equipment:

The blowout preventor equipment (BOP) shown in Exhibit #1 will consist of either a single annular preventor or a double ram type preventor (~~2000 psi WP~~ 3000 psi WP). The unit will be hydraulically operated and will be equipped with either a single annular preventor or a set of double rams (blind rams and 4 ½" drill pipe ram). The BOP will be installed on the 8 5/8" surface casing and utilized continuously until total depth is reached. Prior to drilling out the 8 5/8" casing shoe, the BOP's and Hydril will be tested with the rig pump to 1000 psi.

The BOP system will be function tested and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily driller's log. A 2" kill line and ~~3"~~ 4" choke line will be incorporated in the drilling spool below the BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold.

5. Proposed Mud Circulation System

Depth	Mud Wt.	Visc	Fluid Loss	Type System
0' – 1150'	8.5 – 9.4	32-34	NC	Fresh Water
1150'– TD	10.0–10.2	28-32	NC	Fresh Water/Cut Brine

The necessary mud products for weight addition and fluid loss control will be on location at all times.

6. Auxiliary Well Control and Monitoring Equipment:

a. A Kelly cock will be in the drill string at all times.
b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
c. Hydrogen Sulfide detection equipment will be in operation after drilling out the 8 5/8" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 8 5/8" shoe until total depth is reached.

7. Logging, Coring, and Testing Program:

a. Drill stem tests will be based on geological sample shows.
b. If a drill stem test is anticipated; a procedure, equipment to be used and safety measures will be provided via sundry notice to the BLM.
c. The open hole electrical logging program will be:
   i. Total Depth to Intermediate Casing — Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron – Z Density log with Gamma Ray and Caliper.
   ii. Total Depth to Surface — Compensated Neutron with Gamma Ray
   iii. No coring program is planned

iv. Additional testing will be initiated subsequent to setting the 5 ½" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

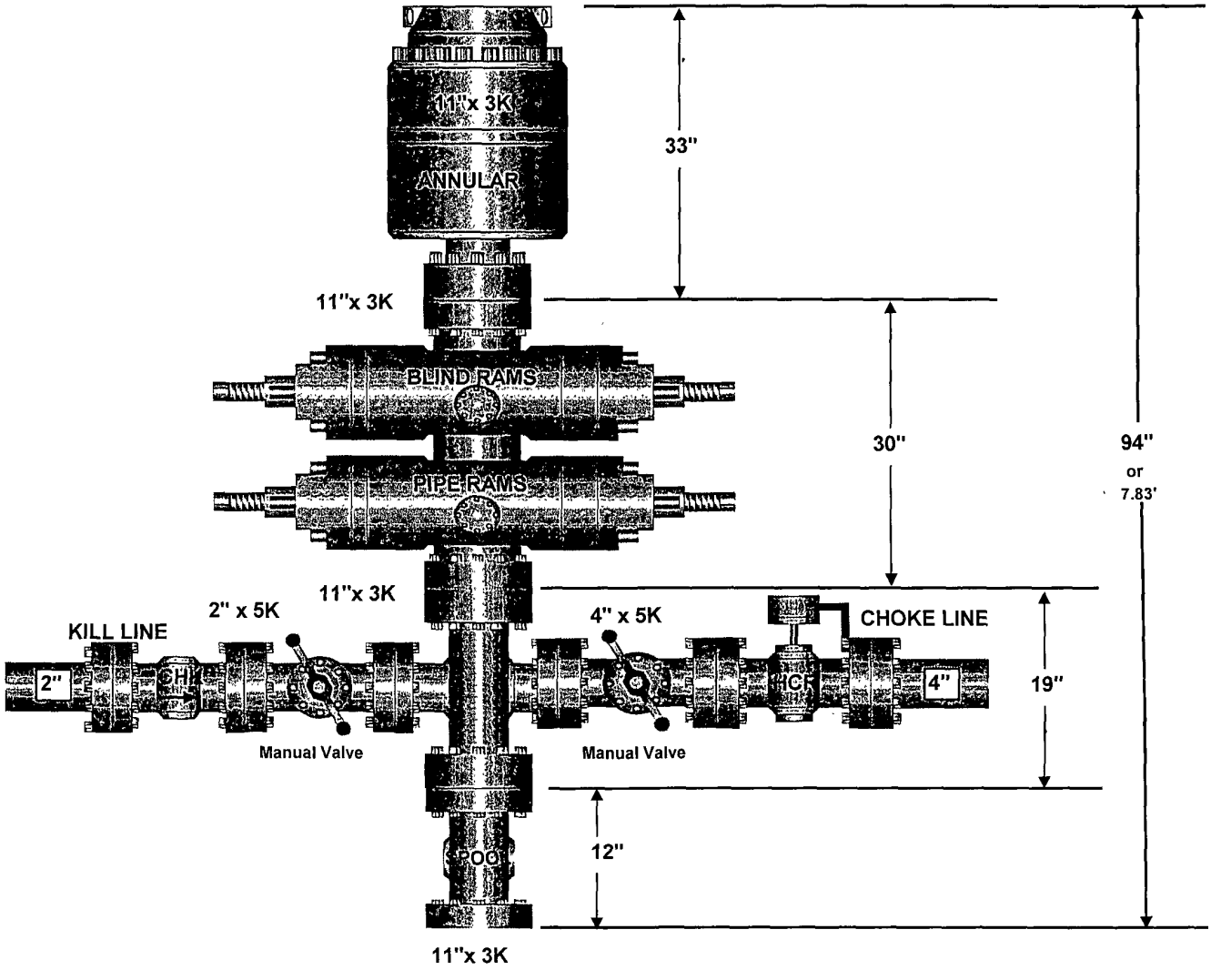
8. Potential Hazards:

a. No abnormal pressures or temperatures are expected. If H2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 800 psi and Estimated BHT 90° F.

9. Anticipated Starting Date and Duration of Operations:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 10-15 days. If the well is deemed productive, completion operations will require, at minimum, an additional 30 days of testing to ascertain whether the well will be connected to an existing or new production facility.

BOP STACK SPACING
SIZE: 11" X 3,000 PSI



5,000 PSI CHOKE MANIFOLD