

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

5. Lease Serial No. **NM 121958**

6. If Indian, Allottee or Tribe Name
BLM NMNM 121958

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other SWD

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

2. Name of Operator
Endeavor Energy Resources, LP

8. Well Name and No.
Pan Am Federal "25" SWD # 1

3a. Address
110 N. Marienfeld Street., Suite 200
Midland, Texas 79701

3b. Phone No. (include area code)
(432) 687-1575

9. API Well No.
30-025-23155

10. Field and Pool or Exploratory Area
Delaware

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1977 FSL, 653 FWL, UNIT "L", SEC. 25, T25S, R33E, Lea CO. NM.
1980 660

11. Country or Parish, State
Lea, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Demonstrate perforated intervals in the Bell Canyon and Cherry Canyon are not productive of oil and gas. Note original well drilled D & A to Bell Canyon then EER deepened. Pan Am Federal 25 SWD # 1 is located one-half mile east of EOG Lomas Rojas 26 State Com # 6 SWD, is 25 feet low sub-sea and is completed in exactly the same porosity intervals. Weatherford senior Permian Basin Log Analyst, Marty Wallace, calculated water saturations for each perforated interval. These were prepared for EER geologist, Wayne Miller. See attached logs and calculations.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 01 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Jan South

Title Regulatory Analyst

Signature 

Date 08/05/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

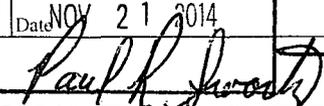
Approved by

Title _____
Office _____

Conditions of approval, if any, are attached. Approval of this notice 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.

ACCEPTED FOR RECORD

Date NOV 21 2014



BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

DEC 10 2014 

Endeavor Energy Resources, L.P.
 Pan Am Federal "25" SWD No. 1
 Lea County, New Mexico

Calculate Sw for following depths: (Rw: 0.04 to 0.07) ?

(A)	Bell Canyon Ramsey Sand (Sw)	(D)	Cherry Canyon Sand (Sw)
	5171 (67%)		6170 (92%)
	5192 (66%)		6196 (100%)
			6224 (85%)
(B)	Bell Canyon Olds Sand (Sw)		6277 (72%)
	5232 (73%)		6324 (63%)
	5282 (82%)		6408 (74%)
			6488 (77%)
(C)	Middle & Lower Bell Canyon Sand (Sw)		6576 (50%)
	5372 (88%)		6601 (51%)
	5416 (72%)		6674 (82%)
	5466 (92%)		6740 (100%)
	5556 (91%)		6789 (85%)
	5570 (100%)		6828 (85%)
	5616 (98%)		6871 (79%)
	5686 (80%)		6929 (95%)
	5703 (72%)		6849 (77%)
	5742 (95%)		
	5764 (82%)		
	5812 (89%)		
	5964 (94%)		
	6023 (66%)		
	6120 (94%)		

Wayne Miller
 7-16-2014

Endeavor Energy Resources, L.P.
Pan Am Federal "25" SWD No. 1
Lea County, New Mexico

Elevation: 3339' KB
Total Depth: 7057' (Cherry Canyon Sand)

Electric Log Formation Tops:

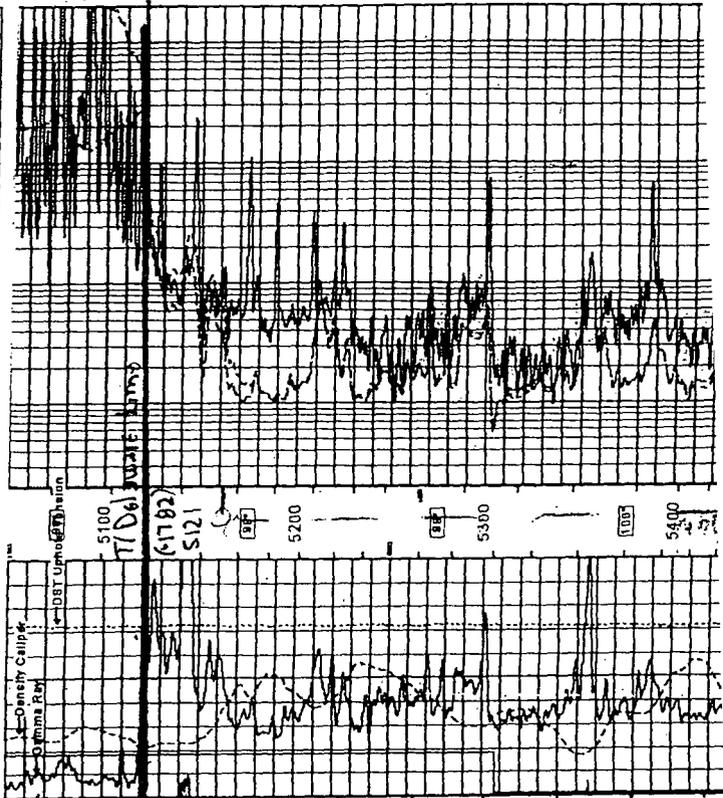
Base Santa Rosa (Triassic) Sand	462
Dewey Lake (Upper Permian) Sand	730
Base Dewey Lake Sand	967
Rustler Anhydrite	1048
Salado	1188
Salado Salt	1440
Base Salado Salt / Top Castile	4874
Delaware (Lamar) Lime	5121
Delaware (Bell Canyon) Ramsey Sand	5163
Delaware Olds Sand	5221
Cherry Canyon	6155
Cherry Canyon Marker (Manzanita)	6381
Estimated Brushy Canyon	7725

Wayne Miller
7-16-2014



DUAL LATEROLOG
MICRO LATEROLOG
GAMMA RAY

COMPANY	ENDEAVOR ENERGY		
WELL	PAN AM FEDERAL "25" SWD #1		
FIELD			
PROVINCE/COUNTY	LEA		
COUNTRY/STATE	U.S.A / NEW MEXICO		
LOCATION	1980' FSL & 660' FWL		
PERMIT NUMBER	SEC 25, TWP25S, R-33E,		
SEC 25	TWP	RGE 33E	Other Services PHOTO DENSITY COMPENSATED NEUTRON
API Number	30-025-40181		
Permanent Datum GL, Elevation 3327 feet	Elevations:	feet	
Log Measured From KB	KB	3339.00	
Drilling Measured From KB	DF	3338.00	
	GL	3327.00	
Date	22-JUL-2013		
Run Number	ONE		
Service Order	3541682		
Depth Driller	7057.00	feet	
Depth Logger	7043.00	feet	
First Reading	7023.00	feet	
Last Reading	5000.00	feet	
Casing Driller	1100.00	feet	
Casing Logger	1101.00	feet	
Bit Size	6 1/2	inches	
Hole Fluid Type	BRINE		
Density / Viscosity	10.40 lb/USg	31.00	sec/qt
PH / Fluid Loss	7.10		
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.04 @ 80.0	ohm-m	
Rml @ Measured Temp	0.03 @ 80.0	ohm-m	
Rmc @ Measured Temp	0.06 @ 80.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.03 @ 112.0	ohm-m	
Time Since Circulation	4 HOURS		
Max Recorded Temp	112.00	deg F	
Equipment / Base	13242	4352	
Recorded By	ARDEEP PATI		
Witnessed By	KELVIN FISHER		



COMPENSATED PHOTO DENSITY
COMPENSATED NEUTRON
GAMMA RAY



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WELL	PAN AM FEDERAL "25" SWD #1		
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Drilling Measured From KB	DF	3338.00	
	GL	3327.00	
Date	22-JUL-2013		
Run Number	ONE		
Service Order	3541682		
Depth Driller	7057.00	feet	
Depth Logger	7043.00	feet	
First Reading	6994.00	feet	
Last Reading	250.00	feet	
Casing Driller	1100.00	feet	
Casing Logger	1101.00	feet	
Bit Size	6 1/2	inches	
Hole Fluid Type	BRINE		
Viscosity	10.40 lb/USg	31.00	sec/qt
Fluid Loss	7.10		
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.04 @ 80.0	ohm-m	
Rml @ Measured Temp	0.03 @ 80.0	ohm-m	
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