

Submit 1 Copy To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
October 13, 2009

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-03629
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator EOR Operating Company		6. State Oil & Gas Lease No. 13490
3. Address of Operator 200 N. Loraine, Suite 1440. Midland, TX 79701		7. Lease Name or Unit Agreement Name Crossroads Siluro Marrow Ut.
4. Well Location Unit Letter <u>A</u> : <u>600</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>34</u> Township <u>9S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number 101
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4020 DF		9. OGRID Number 257420
		10. Pool name or Wildcat Wildcat Marrow

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Isolate Devonian injection zone <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Converted well from SWD to a producer in the Marrow zone.  
See attached additional sheets.

Devonian perms @ 12,126'-12,150' are isolated with a 5 1/2" CIBP set @ 12,050'  
Perforated 5 1/2" csg w/2JSPF @ 11,470'-11,490'. Ran 2 7/8", N80 tbg @ 11,377. 2 7/8" 5 1/2" Arrow set pkr set @ 11,377.

Formerly the Crossroads Siluro Devonian Ut #101. Request change of name to the Crossroads Siluro Marrow Ut #101

OPER. OGRID NO. 257420  
PROPERTY NO. 38227  
POOL CODE 97790  
EFF. DATE 6-1-10  
API NO. 30-025-03629  
Reg. Release Date: 6-14-10

Start Date:

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

SIGNATURE [Signature] TITLE Sr. Well Operations Supervisor DATE 7/1/10

Type or print name L.A. Spittler, Jr. E-mail address: lspittler@enhancedoilres.com PHONE: 432-688-0303

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUL 02 2010  
Conditions of Approval (if any):

PA Crossroads Siluro Devonian

Form C-101 June 15, 2010

Crossroads SILURO Dev Ut Well # 101

API # 30-025-03629

Property Code 306003

- 6-1-10-MIRU. ND wellhead. NU & test BOP's. Set tbg racks. Inload rental tbg. PU new 4 ½" bit & DC's.
- 6-2-10-TIH w/ 4 ½" bit. Tagge 5 ½" CIBP @ 12,050'. TOH w/ bit stand back in derrick.
- 6-3-10-Standby on cased hole loggers.
- 6-4-10-RU Schlumberger cased hole loggers. Ran RTS-GR & CBL-CCL logs from 11,963'-4050'.
- 6-5-10-Ran RST IC3 from 11,963'-8100'. Ran RST Lithology from 11,963'-8963'. RD Schlumberger.
- 6-6-10-Shut down for weekend.
- 6-7-10-Stanby for Schlumberger to process RTS logs.
- 6-8-10-RU Gary wireline. Perforated 5 ½" casing w/2JSPF @ 11,470'-11,490'. RD Gray wireline. TIH w/ 5 ½" pkr. Set pkr @ 11,366'.
- 6/9/10-RU swab equipment. Swabbed well in. Well started flowing @ 650 psi. RD swab equipment.
- 6/10/10-RU Pace portable tester. Tested well into frac tanks.
- 6/11/10-Tested well with portable tester. RD tester.
- 6/12/10-Shut down for weekend.
- 6/13/10-Shut down for weekend.
- 6/14/10-Killed well with produced water. Released pkr. ND BOP's. Set pkr on 2 7/8", N80 tbg @ 11,377'. NU wellhead. RD released rig.



**EOR**  
OPERATING COMPANY

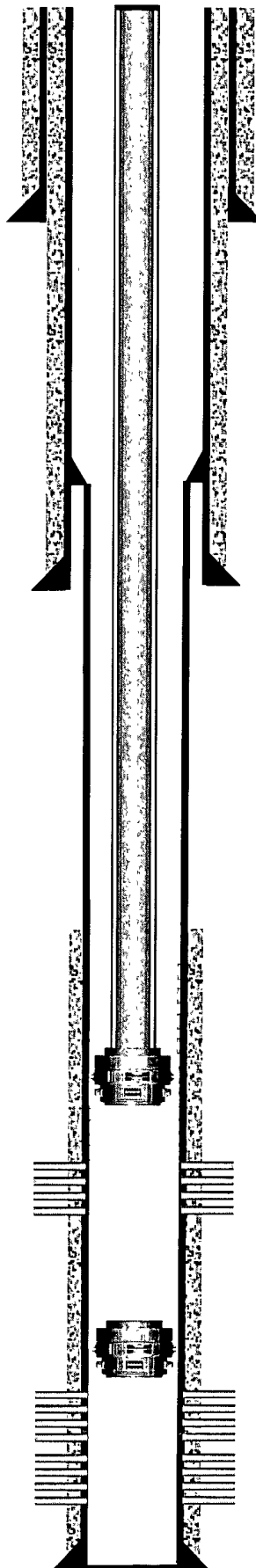
## EXISTING WELLBORE DIAGRAM

Crossroads Siluro-Devonian Unit SWD well # 101.  
API #:30-025-0329  
UL:A, 660' FNL & 660' FEL.  
Sec 34, 9S-36E  
Spud date:10/04/57.  
Completed date:02/17/58.

8/12/69: Shot sqz perf @ 4160'. Sqz w/ 100 sxs.

Perforations:  
11,470'-11,490' 2JSPF 6/8/10

Perforations:  
12,126'-12,150'



Elev: 4020' DF

13 5/8", 48# csg @ 344'.  
cmt w/ 400 sxs.

9 5/8", 36# csg @ 4190'..  
cmt w/ 3000 sxs.

\*Tight spot @ 5764'.

Cmt top @ 9800' by T.S.

2 7/8", 6.4#, N80 cond 1 tbg  
w/ 2 7/8" x 5 1/2" Arrowset pkr  
set @ 11,377'.

5 1/2" CIBP @ 12,050'.  
No cmt on top of CIBP.

5 1/2", 20 & 23 # csg liner 4050'-12,187.  
cmt w/700 sxs.  
hole size 7 7/8".

Well Name & Number:	Sawyer #101	Lease:	Crossroads Siluro-Devonian Unit		
County or Parish:	Lea	State/Prov.	NM	Country:	USA
Prepared By:	L.A. Spittler, Jr.	Last Revision Date:	6/24/2010		