

Submit 3 Copies 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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-02247
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name East Milliman State 648
8. Well Number 145
9. OGRID Number
10. Pool name or Wildcat East Millman QN-GB

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐ Injection ☒ **RECEIVED**

2. Name of Operator
SDX RESOURCES **NOV 07 2005**

3. Address of Operator
P.O. Box 5061, Midland, TX 79704 **OCD-ARTESIA**

4. Well Location
Unit Letter M : 660 feet from the South line and 660 feet from the W line
Section 14 Township 19-S Range 28E NMPM Eddy County NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3443

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Steel Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Set 4 1/2" CIBP @1650'. Cap 2/35' of cmt.
2. Circulate hole w/MLF.
3. Perforate 4 1/2" csg. @725': Squeeze Perfs. w/35 sx. 725-625 TAG.
4. Perforate 4 1/2" csg. @ 475: Squeeze Perfs w/70 sx. 475-250 TAG.
5. Perforate 4 1/2" csg. @ 60: Squeeze & circulate cmt. to surf. w/35 sx.
6. Cutoff well head. Install dryhole marker. Clean location

Notify OCD 24 hrs . prior to
any work done.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Roger Massey

TITLE: Agent

DATE: 11-4-05

Type or print name ROGER MASSEY
E-mail address: roger.massey@basicenergyservices.com

Telephone No. : (432) 530-0907

APPROVED BY: Phil Hansen

TITLE Field Supv

DATE 11/9/01

Conditions of Approval (if any):

Proposed P+A

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNG)

OPERATOR SDX Resources

LEASENAME E. Millman Unit State 648

WELL # 145
 SECT 14 TWN 19-S RNG 28 E
 FROM 660 N5L 660 EWL
 TD: 2500 FORMATION @ TD
 PBD: 1905 FORMATION @ PBD

	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	10 3/4	300	Surf	Calculated 28' the volume
INTMED 1				
INTMED 2				
PROD	4 1/2	2500	702	Calculated
	SIZE	TOP	BOT	TOC DETERMINED BY
LINER 1				
LINER 2				
CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	-
INTMED 2			OPENHOLE	-
PROD	0			1724 - 2032

REQUIRED PLUGS DISTRICT

Top Salt	425
Bottom Salt	575
QUEEN	1636
ORATBURG	
SAN ANDRES	
CANTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSBY CANYON	
BONE SPRING	
GLORIETA	
BLINERY	
TUBS	
ORDINARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MOBROW	
MISS	
DEVONIAN	

PLUG	TYPE	SACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLES			
PLUG #1	CIBP 125	3	1650-1615
PLUG #2	Perf + 592	35	625-702
PLUG #3	Perf + 592	70	475-250
PLUG #4	Perf + 592	20	60'-4'
PLUG #5			
PLUG #6			
PLUG #1			
PLUG #2			
PLUG #3			
PLUG #4			
PLUG #5			
PLUG #6			
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #11			
PLUG #12			
PLUG #13			
PLUG #14			
PLUG #15			

Tag
Tag

Perf @ 60'
 2050 circ to surf
 12" Hole

Perf + 592
 7050 475-250

Perf + 592
 3560 725-625

Perf + 592
 1820 to 2032

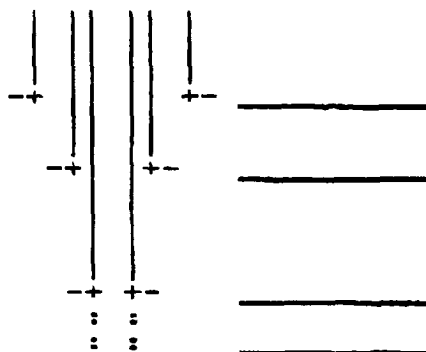
10 3/4"
 @ 300'
 TOC Surf
 75 sk

CIBP 8" Hole
 4735' @ 1650'

Perf @ 1724-1793
 BP @ 1905'
 4 1/2"
 @ 2500
 TOC 702
 cm 4 325 sk

PBD 1905
 TD 2500

WELL DATA SHEET



WELL NAME EMU #145 FILE # 002701-45
 LSE NAME E. Millman Unit LSE. # State 648
 LOC. M 14-19s-28e 660 fsl 660 fwl
 API# _____ STATUS I
 FIELD E. Millman O-GR-SA
 OIL PUR. _____ GAS _____

DRILL AND COMPLETE

ORIG. OP. Western Yates
 GL _____ DF 3443 KB _____
 SPUD DATE 12-20-58 COMP. DATE 1-24-59
 TD 2500 PBTD 1905

TOPS: Q1636, SA2442

CASING	HOLE SIZE	CASING	WT. GRADE	DEPTH SET	SKS	TOC
	12	10 3/4	32.75	300	75	
	10	8 5/8	24	2020	24 pulled	
	8	4 1/2	11.60	2500	325	

COMPLETION

PERFS 2032-80 3SPF, 1863-78 4SPF, 1830-45. SOF ea. zone. Total 38000gal and 76000# sand.

BOPD 220 1" choke _____ MCFPD _____ BHP _____
 3-11-63

PERFS 1724-30, 1784-93 1 JSPF treated each zone w/acid and 5000# sand. Re Baker Model "A" pkr. on 2 3/8 tbg set @ 1910'. Water injection dn. tbg. into Grayburg and down casing-tubing annulus into Queen.

BOPD _____ BHPD _____ MCFPD _____ BHP _____
 7-20-66 Set Baker "K" BP @ 1905'.

REMEDIAL WORK AND WORKOVER

DATE 9-29-81 WORK Pumped 500gal A-SOL 55% Xylene 22% 15% acid (23%) mixture. After initial backflow pmpd. 3000gal 20% gelled acid. After backflowing restarted injection on 10-1-81.

DATE _____ WORK _____

WELL INVENTORY:

TUBING 2 3/8 57 its 1686.79 plastic coated

RODS _____

PUMP _____

ANCHOR _____ SN _____

PACKER 4 1/2 Baker Model A

PUMPING UNIT _____ ID# _____

MOTOR _____ ID# _____

WELLHEAD Hinderliter METER # Rockwell/Willis choke

REMARKS:

II END OF WELL-LOGS AND SPECIAL TESTS

If drilling or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 2500 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Production January 29, 19 59

OIL WELL: The production during the first 24 hours was 220 barrels of liquid of which 100 % was
was oil; _____ % was casing; _____ % water; and _____ % was solvent. A.P.I.
Gravity 39.1

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
Liquid Hydrocarbon. Shot in Perforation _____ ft.

Length of Time Shot in _____

PLEASE INDICATE BELOW FORMATION TESTS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF SHEET:

Southeastern New Mexico		Northwestern New Mexico	
T. Anky		T. Devonian	T. Ojo Alamo
T. Salt	<u>425</u>	T. Silurian	T. Kirtland-Fruitland
R. Salt	<u>575</u>	T. Mississippian	T. Farmington
T. Yates		T. Simpson	T. Fossiliferous
T. 7 Rivers		T. McKee	T. Mancos
T. Quana	<u>1636</u>	T. Ellensburg	T. Point Lookout
T. Gophers		T. Co. Wash	T. Mancos
T. San Andres	<u>2442</u>	T. Comite	T. Dakota
T. Gladiators		T. _____	T. Mancos
T. Dinkard		T. _____	T. Penn.
T. Tuba		T. _____	T. _____
T. Aho		T. _____	T. _____
T. Penn.		T. _____	T. _____
T. Min.		T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	145	145	Caliche and sandy shale				
145	425	280	Anhy. and red bed				
425	575	150	Salt and Potash				
575	955	380	Broken anhy.				
955	1205	250	Broken anhy.				
1205	1357	152	Lime: Show of oil and wtr. at 1306-21 Tested 2 gals. 1 hr.				
1357	1630	273	Broken lime				
1630	1739	109	Lime and sand Show of gas at 1720'				
1739	2020	281	Lime and sand				
2020	2457	437	Lime and sand				
2457	2500	43	White lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS REQUIRED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

January 30, 1959

Company or Operator Western - Yates

Address P. O. Box 427, Artesia, N. M.

Name W. J. Marney

Position or Title Chairman of Operating Committee

County Eddy Depth 2450' Pool E. Millman Queen *

SCOUT REPORT
NEW MEXICO OIL CONSERVATION COMMISSION

Company Western-Yates

Well No. 145

Lease

State 648

660 Feet from S Line 660 Feet from W Line, Sec. 14 Twp. 19S Rge. 28E

S/S

Land State

Contractor Roach & Shepard

T. A
T. X 425
B. X 575
T. Del Li
T. Del Sd
T. Y
T. SR
T. Q 1640
T. PR
T. GB
T. SA 2450
T. Glo
T. Blby
T. CF

Elevation 3458 ^{DE} Spudded 12-20-58 Completed 1-27-59

T. Tu Total Depth 2500 ^{DE} B. 2422
T. Full Top Pay 1830 District 8
T. DR I.P.F. 220 ROPD
T. Wich A. Base on BO 24 Hrs.
T. Abo Choke: 1" Inch
T. WC Tubing @ Ft.
T. Hu Press: Tbg. 100 Csg. 620
T. Per-Pe GOR Gravity 32.1
T. Penn Effective Perfs.:
T. Strawn 651-1830-45
T. Miss 651-1832-55
T. WF 651-2035-10
T. Dev Acid, Frac & Shooting Record:

CSG. & CEMENTING RECORD

Size	Feet	Sax Cement
<u>8"</u>	<u>2020</u>	<u>75</u> ✓
<u>4 1/2"</u>	<u>2500</u>	<u>325</u> ✓

T. Sil 1100050F From 1830 To 55
T. Fuss 7500 80F From 1825 To 77
T. Mon 1950050F From 5152 To 20
T. Simp From To
T. McK
T. Ell
T. G.W.

SHOWS

T. S/W 182-42
T. S/W 1810-20 290 1'
T. S/B 1713
T. S/O 1831-1841 350 1'
T. S/
T. S/

12-10-58 Loc

	✓	22 gal Oil
		@ 2050 bail 26 gal
	<u>Q 235 RB</u>	<u>24 RB 2'</u>
	<u>Q 1402 L</u>	<u>@ 2143 bail 19 gal</u>
JAN 34	<u>Q 1379 li</u>	<u>+ 2 RB 2'</u>
	<u>Q 1544 bail 25 gal 1'</u>	<u>@ 2144 bail 10 gal</u>
	<u>Q 2297 sbly li</u>	<u>+ 12 RB 1'</u>
	<u>@ 1957 bail 25 gal 1'</u>	