

COMPLETIONS
PI# 30-T-0011 04/17/89 SEC 15 TWP 23S RGE 36E
30-025-30434-0000 PAGE 6

SUN EXPL & PROD
1 NEW MEXICO "15" FEDERAL UNIT WD WD

DRILLING PROGRESS DETAILS

01/23 16286 TD, PB 11820, WOCT
01/25 16286 TD, PB 11820, WOCT
02/01 16286 TD, PB 11820, PREP MICT
02/08 16286 TD, PB 10350, PREP ACID
02/13 16286 TD, PB 10242, PREP DOC
02/21 16286 TD, PB 10350, PREP RE-ACID
02/28 16286 TD, PB 10250, PREP ACID
03/08 16286 TD, PB 10250, SI WOO
03/15 16286 TD, PB 10250, PREP D&A
03/22 16286 TD, HOLDING FOR DATA
04/11 LOCAL CALL: ABO REEF 8152
TD REACHED 01/13/89 RIG REL 01/22/89
04/11 16286 TD
COMP 3/21/89, D&A
NO CORES, FIVE DSTS RPTD

COMPLETIONS SEC 15 TWP 23S RGE 36E
PI# 30-T-0011 04/17/89 30-025-30434-0000 PAGE 5

SUN EXPL & PROD WD WD
1 NEW MEXICO "15" FEDERAL UNIT

DRILLING BREAKS

14884-14892 SLI FLU (MONTROYA)
15618-15623 NS (SIMPSON)
16039-16050 (ELLENBURGER)
16081-16097 (ELLENBURGER)
16105-16111 (ELLENBURGER)
16126-16136 100 PCT DOLO, NO FLU (ELLENBURGER)
16208-16214 SLI FLU (ELLENBURGER)

DRILLING PROGRESS DETAILS

SUN EXPL & PROD
BOX 1861
MIDLAND, TX 79702
915-688-0300
07/08 LOC/1988/
08/31 DRLG 876
09/08 DRLG 4744
09/19 DRLG 7976
09/21 DRLG 9071 (DOLO, LM)
09/26 DRLG 10100 (LM, SH)
10/03 DRLG 11013 (SH, LM)
10/07 11217 TD, PREP DO CMT PLUGS
10/07 LOST RETURNS
PB OH TO 10480
CONTINUED TO LOSE RETURNS
PB OH TO 8800
10/17 11217 TD, DOC @ 10560
10/24 11217 TD, DOC @ 10828
10/26 11217 TD, DOC @ 10877
10/31 DRLG 11511 (SH, LM)
11/08 12060 TD, TRIP
11/14 12120 TD, WOC
11/21 DRLG 12615 (LM, SH)
11/28 DRLG 12939 (SH)
12/06 DRLG 14040 (LM)
12/06 CIRC SPL @ 13975, NS
12/13 DRLG 14465 (LM)
12/21 DRLG 14990 (LM, CHERT)
12/28 DRLG 15704 (SD, SH)
01/03 15878 TD, CIRC
01/10 16141 TD, PREP DST
01/17 16286 TD, RNG DST #4

CONTINUED

COMPLETIONS
PI# 30-T-0011 04/17/89 SEC 15 TWP 23S RGE 36E
30-025-30434-0000 PAGE 4

SUN EXPL & PROD
1 NEW MEXICO "15" FEDERAL UNIT WD WD

PRODUCTION TEST DATA

STRAWN PERF W/ 21/IT 10202-10222
PERF 10202-10222
ACID 10202-10222 2500GALS
15% NEFE HCL

PTS 9B0 36BW 8HRS
STRAWN PERF 10202-10222
ACID 10202-10222 6000GALS
15% NEFE HCL

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS 2700- 6288 LSS	2800- 6294 DLL	2800- 6294 MSFL
LOGS 2800- 6294 GR	0- 6293 CNL	0- 6293 LDT
LOGS 0- 6293 GR	0- 6293 CALP	7500-10121 TMPL
LOGS 7500-10121 GR	7500-10121 CALP	6293-11755 DI
LOGS 6293-11755 GR	6270-11755 LSS	6292-11747 CAL
LOGS 6292-11747 CNL	6292-11747 GR	6000- 8000 CI
LOGS 12100-16258 DLL	12100-16258 MSFL	12100-16258 GR
LOGS 12100-16258 CALP	11550-16258 CNL	11550-16258 LDT
LOGS 11550-16258 GR	11550-16258 CALP	12100-16245 LSS
LOGS 12100-16245 CALP	9600-10500 CBL	9600-10500 GR
LOGS 9600-10500 CCL	9600-10350 CBL	9600-10350 GR

DRLG SHOWS OR POROSITY ZONES /INTERVAL,FORMATION,DESC

3430- 3440 SVN RVRS O&G	3688- 3692 SVN RVRS O&G
10196-10214 STRAWN OIL	11074-11090 ATOKA FLRN
14884-14892 MONTOYA FLRN	16208-16214 ELLNBRGR FLRN

DRILLING BREAKS

03430-03440 SLI SHW OIL & GAS (SEVEN RIVERS)	S
03688-03692 SLI SHW OIL & GAS (SEVEN RIVERS)	S
07976-07994 NS (ABO)	
10196-10214 SSO (STRAWN)	S
10857-10864 NS (ATOKA)	
11074-11090 BRI YLLW FLU, DULL GLD FLU (ATOKA)	S
11570-11586 NS (BARNETT)	
13257-13275 (DEVONIAN)	
13955-14040 (SILURIAN)	
14596-14612 NS (FUSSELMAN)	

CONTINUED

COMPLETIONS SEC 15 TWP 23S RGE 36E
PI# 30-T-0011 04/17/89 30-025-30434-0000 PAGE 3

SUN EXPL & PROD NEW MEXICO "15" FEDERAL UNIT WD WD
1

FORMATION TEST DATA

INIT OP 10M IFP 3719 FFP 3719
FINAL OP 1H30M IFP 3719 FFP 3747
ISIP 6478 1H FSIP 6478 3H IHP 8323 FHP 8268
SPL CHAM PRESS FINAL 140
REVOUT

DST 5 STRD 13923-14033 SILURIAN CUSH 6000 WTR
REC 56.0 BBL WCUSH 1.7 BBL MUD
REC 41.5 BBL SWTR 2100.0 CC WTR
INIT OP 10M IFP 2041
FINAL OP 1H30M IFP 2810 FFP 4132 BHT 158F
ISIP 6395 1H FSIP 6120 3H IHP 6890 FHP 6835
SPL CHAM PRESS FINAL 200
WS113637 PPM CL

REVOUT
DP REC 1.75 BBL MUD
NO OTHER DETAILS

PRODUCTION TEST DATA

PTF 116BO 348BW 14HRS
STRAWN PERF W/ 29/IT 10278-10306
PERF 10278-10306
ACID 10278-10306 3500GALS
15% NEFE HCL
TP 450
SQZD W/ 400S 10278-10306
FLWD THRU VAR CHKS
CMT RET @ 10242
SQZD & DOC TO 10350

PTS 1BO 94BW 7HRS
STRAWN REPERF W/ 13/IT 10278-10290
PERF 10278-10290
ACID 10278-10290 2000GALS
15% NEFE HCL
ACID 10278-10290 1300GALS
15% NEFE HCL (RE-ACIDIZE)
SQZD W/ 200S 10278-10290
CMT RET @ 10250

PTS 13BO 8BW 8HRS

CONTINUED

COMPLETIONS
 PI# 30-T-0011 04/17/89 SEC 15 TWP 23S RGE 36E
 30-025-30434-0000 PAGE 2

SUN EXPL & PROD
 1 NEW MEXICO "15" FEDERAL UNIT WD WD

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	ABO		7924	-4529		
LOG	WOLFCAMP		9357	-5962		
LOG	STRAWN		9888	-6493		
LOG	ATOKA		10769	-7374		
LOG	BARNETT		11457	-8062		
LOG	CHESTER		11936	-8541		
LOG	MSSP		12182	-8787		
LOG	WOODFORD		12642	-9247		
LOG	DEVONIAN		13006	-9611		
LOG	SILURIAN		13734	-10339		
LOG	FUSSELMN		14574	-11179		
LOG	MONTOYA		14844	-11449		
LOG	SIMPSON		15206	-11811		
LOG	ELLNBRGR		16014	-12619		

SPL	MSSP LM		12040	-8645		
SPL	WOODFORD SS		12650	-9255		
SPL	DEVONIAN		13026	-9631		
SPL	FUSSELMN		14596	-11201		
SPL	ELLNBRGR		16039	-12644		

SUBSEA MEASUREMENTS FROM GR

FORMATION TEST DATA

DST	1	14117-14254	SILURIAN CUSH	5000 WTR	S
REC	49.0	BBL WCUSH	109.0 BBL MUD		
REC	250.0	CC O&GCM	7.2 CFT GAS		
INIT	OP	10M IFP 2802	FFP 2898		
FINAL	OP	1H IFP 2955	FFP 2966		
ISIP	3204	1H 6M FSIP 3172	3H30M IHP	7000 FHP	6936
SPL	CHAM PRESS		FINAL 800		

WS 69000 PPM CL

REVOUT

DST	2	16035-16141	ELLNBRGR		
CUSH	6100	WTR		PKRFLR	

DST	3	16056-16061	ELLNBRGR		
				PKRFLR	

DST	4	16004-16286	ELLNBRGR CUSH	8000 WTR	S
REC	79.0	BBL LWTR	82.0 BBL WCUSH		
REC	1100.0	CC MUD	.5 CFT GAS		

CONTINUED

WRS COMPLETION REPORT

COMPLETIONS SEC 15 TWP 23S RGE 36E
PI# 30-T-0011 04/17/89 30-025-30434-0000 PAGE 1

NMEX LEA * 1830FSL 990FWL SEC NW SW
STATE COUNTY FOOTAGE SPOT
SUN EXPL & PROD WD WD
OPERATOR WELL CLASS INIT FIN
1 NEW MEXICO "15" FEDERAL UNIT
WELL NO. LEASE NAME
3421KB 3395GR WILDCAT
OPER ELEV FIELD POOL AREA
API 30-025-30434-0000

LEASE TYPE NO. PERMIT OR WELL I.D. NO.
08/29/1988 03/21/1989 ROTARY D&A-OG
SPUD DATE COMP. DATE TYPE TOOL STATUS
16500 ELLNBRGR WILLBROS DRLG 11 RIG SUB 25
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 16286 FM/TD ELLNBRGR
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

11 MI S EUNICE, NM

WELL IDENTIFICATION/CHANGES

FTG CHGD FROM 1980 FSL
LSE NAME CHDG FROM NEW MEXICO FEDERAL UNIT "15"

CASING/LINER DATA

CSG 13 3/8 @ 1400 W/ 1250 SACKS
CSG 9 5/8 @ 6300 W/ 2350 SACKS
CMT PLUGS @ 13856-14217 W/100 SX, 12856-13006 W/50 SX,
12492-12642 W/50 SX, 11820-12182 W/100 SX
PERF (CSG SQZ) @ 10400-10404
CMT RET @ 10350
SQZD 10400-10404 W/200 SX
PLUGS @ 10101-10146 W/10 SX, 6227-6342 W/25 SX,
2977-3060 W/30 SX, 1379-1511 W/45 SX, SURF-30 W/20 SX
LNR 7 5/8 6020-12120 W/ 1350S

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	RUSTLER		1216	2179
LOG	TANSILL		2946	449
LOG	YATES		3096	299
LOG	SVN RVRS		3307	88
LOG	QUEEN		3740	-345
LOG	GRAYBURG		3890	-495
LOG	GLORIETA		5940	-2545

CONTINUED IC# 300257029088

Petroleum Information

Copyrighted 1985
Petroleum
Information Corporation

DB a company of
The Dun & Bradstreet Corporation

PI-WRS-GET
Form No 187