

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL ☒ GAS WELL ☒ DRY ☐ NOV 03 2011

1b. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Bureau of Land Management Farmington Field Office

2 NAME OF OPERATOR

Elm Ridge Exploration Co. LLC

3 ADDRESS AND TELEPHONE NO

Po Box 156 Bloomfield NM 87413

4 LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

1980' FSL x 660' FEL

At top prod. Interval reported below

At total depth

14 PERMIT NO

DATE ISSUED

Bisti Gallup 20-9

9 API WELL NO

30-045-34002-0051

10 FIELD AND POOL OR WILDCAT

Bisiti Lower Gallup

11 SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

"1" Sec. 20-T25N-R12W

12 COUNTY OR PARISH

13 STATE

San Juan County

NM

15 DATE SPUDDED

8-23-08

16 DATE T D REACHED

9-26-11

17 DATE COMPL. (Ready to prod.)

10-23-11

18 ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6,342'

GL

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

5150' MD

21 PLUG BACK T D, MD & TVD

5093' MD

22 IF MULTIPLE COMPL., HOW MANY*

23 INTERVALS

ROTARY TOOLS

DRILLED BY

X

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

4673' - 4867'

Bisti Lower Gallup

26 TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray/CCL/CBL Spectral Density, Dual Spaced Neutron, Array Compensated and True Resistivity

25 WAS DIRECTIONAL

STRIKE SLANT

NOV 2011

27 WAS WIRE LOGGED

OIL CONS. DIV. DIST. 3

23 CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD
8 5/8" J-55	24#	387' ✓	12 1/4"	400 sks to surface
5 1/2" J-55	15 5#	5146' ✓	7 7/8"	850 sks to surface

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30 TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4942' ✓	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL 4673' - 4867' ✓ SIZE 46 NUMBER 304 holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4673' - 4867'	Pumped 8000 gallons of 7 1/2% MCA acid with mutual
	iron aq double inhibitor, clay stabilizer and flow back
	surf. pumped 1606 MSCF of N2, pumped 55,300 gallons
	17/CP 70Q Delta with BBC frac fluid, 5102 sks of 20/40 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-14-11		Flowing					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
Will Send in 1st Delivery Sundry								
FLOW. TUBING PRESS	CASING PRESS	CALCULATE 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR)		AC

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

NMOCD

ACCEPTED FOR RECORD

NOV 03 2011

FARMINGTON FIELD OFFICE
BY T. SANCES

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Administrative Manager

DATE

10/25/2011

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Nacimiento	Surface					
Ojo alamo	Not logged					
Fruitland	Not logged					
Pictured Cliffs	1198'					
Lewis	1291'					
Chacra	1481'					
Cliffhouse	1669'					
Menefee	1924'					
Point Lookout	3550					
Mancos	3762'					
Gallup	4646'					