

FORM 1000-1
(July 1972)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

Papers Wash Unit

8. FARM OR LEASE NAME, WELL NO.

PWU H No. 4

9. API WELL NO.

30-031-20503

10. FIELD AND POOL, OR WILDCAT

Papers Wash Entrada

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

L Sec. 15, T19N, R5W, NMPM

12. COUNTY OR PARISH

McKinley

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other Horizontal Redrill

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.

610 Reilly Ave., Farmington, NM 87401-2634 (505) 327-9801

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

At surface 2310' fsl & 990' FWL (nws)

At top prod. interval reported below

1752' fsl & 774' fw1 (nws)

At total depth

1348' fsl & 501' fw1 (NWSW)

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-7-96

16. DATE T.D. REACHED

8-5-96

17. DATE COMPL. (Ready to prod.)

8-16-96

18. ELEVATIONS (OF, RKB, RT, OR, ETC.)*

6630' GL; 6642' RKB

19. ELEV. CASINGHEAD

6631' GL

20. TOTAL DEPTH, MD & TVD

6110' MD

5234.7' TVD

21. PLUG BACK T.D., MD & TVD

6110' MD

5235' TVD

22. IF MULTIPLE COMPL., HOW MANY*

--

23. INTERVALS DRILLED BY

0-TD

ROTARY TOOLS

CABLE TOOLS

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

Entrada: 5240' TVD, 5620' MD Top
5248' TVD, 5725' MD Bottom (deepest penetration)

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	209'	12-1/4"	150 sxs	
7"	23#	5406'	8-3/4"	1015 sxs (2 stages) DV Top	@ 2679'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4665'	5361'	125 sxs		3-1/2"	3360'	none

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and type)

Open hole completion

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

None

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Electric, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Abandoned)	
8-16-96		Submersible Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8-18-96	24	-	→	68	0	5108	--
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→	68	0	5108	36°	

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

None

35. LIST OF ATTACHMENTS

Directional Plot; Wellbore Schematic

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

SIGNED

Steven S. Dunn

TITLE

Operations Manager

DATE 9/10/96

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

FARMINGTON DISTRICT OFFICE

Title 18 U.S.C. Section 1001, makes 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.

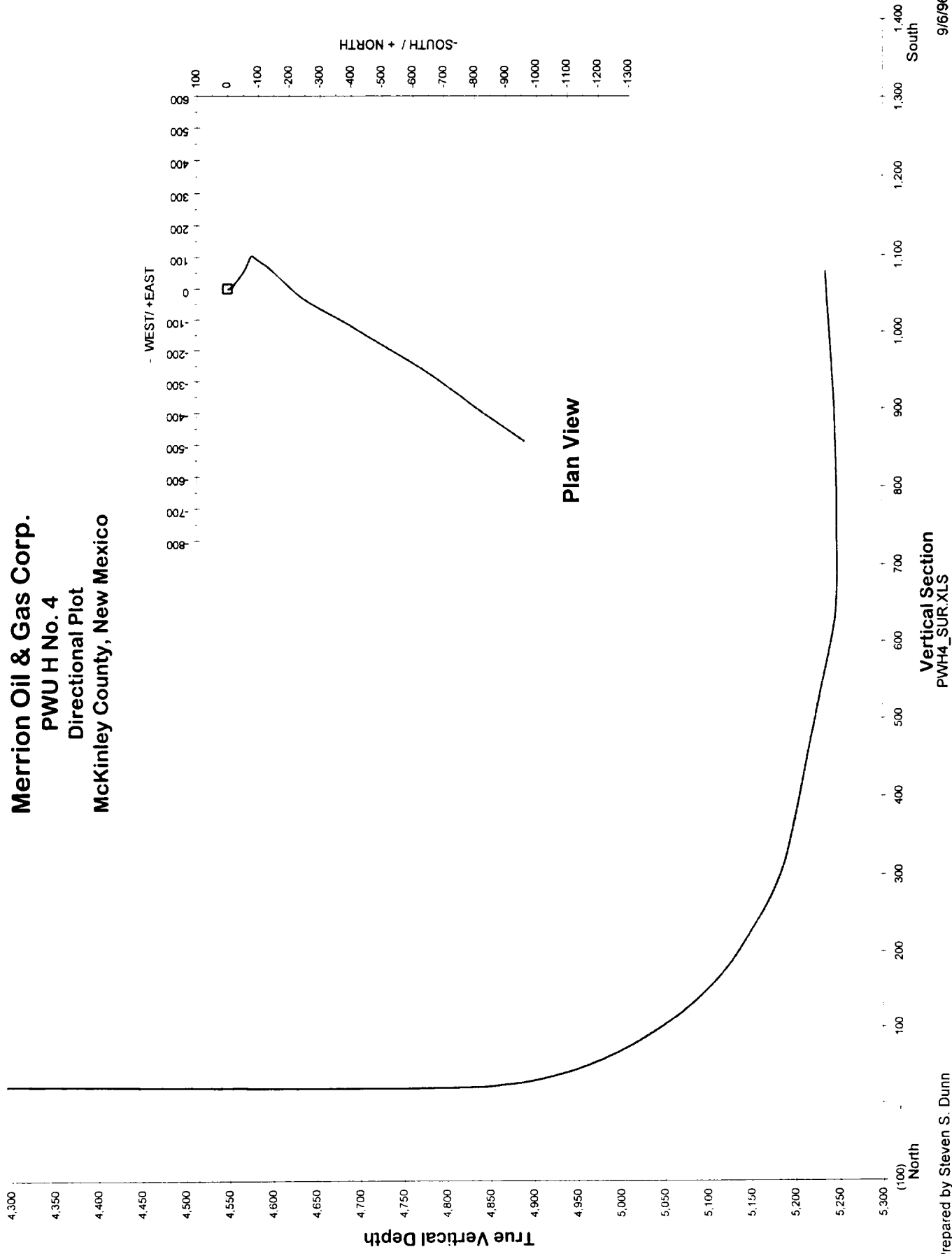
SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Entrada				Lewis Shale	Surface	
				La Ventana	541'	
				Point Lookout	2037'	
				Mancos	2137'	
				Gallup	2964'	
				Greenhorn	3960'	
				Dakota	4195'	
				Morrison	4314'	
				Summerville	5141'	
				Todilto	5192'	
				Entrada	5200'	

Merrion Oil & Gas Corp.
PWU H No. 4
Directional Plot
McKinley County, New Mexico



Merrion Oil & Gas Corporation

Wellbore Schematic

PWU H No. 4

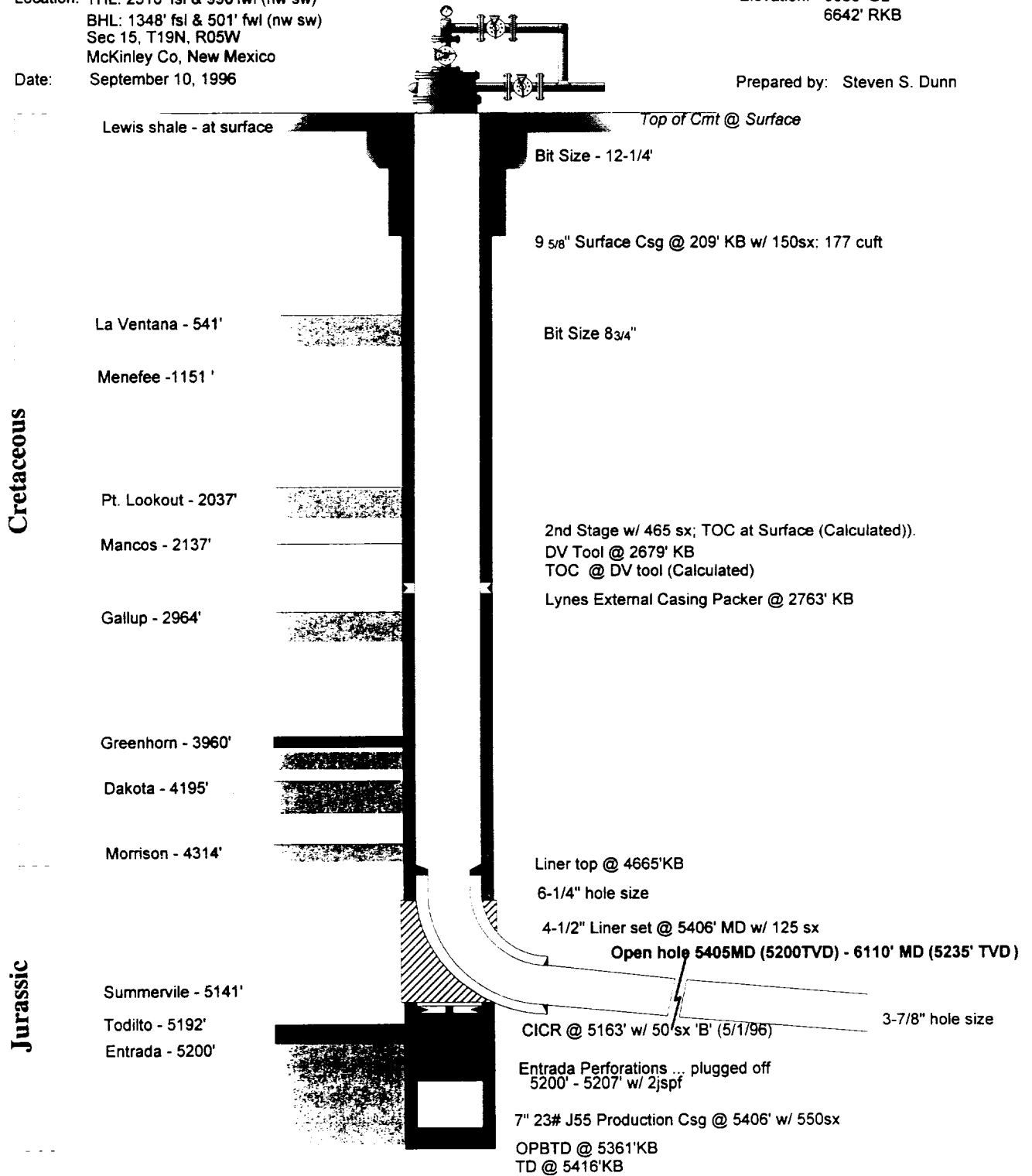
Horizontal Wellbore Configuration

Location: THL: 2310' fsl & 990'fwl (nw sw)
BHL: 1348' fsl & 501' fwl (nw sw)
Sec 15, T19N, R05W
McKinley Co, New Mexico

Date: September 10, 1996

Elevation: 6630' GL
6642' RKB

Prepared by: Steven S. Dunn



WELL DATA:

CUM GAS:
CUM OIL:
SPUD: Mar 26, 1977
COMPLETED: Apr 7, 1977

CAPACITIES:
7" 23# - 0.0394 bbl/ft
2 7/8" 6 5# - 0.00496 bbl/ft
7" X 2 3/8" - 0.0363 bbl/ft

CURRENT SICP:
CURRENT SITP:
LINE PRESSURE:
OIL TRANSPORTER: Giant