

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NOO-C-14-20-5377

6. If Indian, Allottee or Tribe Name
Navajo Allotted

7. If Unit or CA, Agreement Designation
Papers Wash Unit

8. Well Name and No.
PWU #4

9. API Well No.
30-031-20503

10. Field and Pool, or Exploratory Area
Papers Wash Entrada

11. County or Parish, State
McKinley, New Mexico

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

610 Reilly Ave. Farmington NM 87401
ph: (505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' fsl & 990' fwl (nw sw)
Section 15, T19N, R5W, NMPM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Horizontal Redrill	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Merrion requests your approval to plug back the vertical Entrada in this well by setting a cement retainer in the 7" casing at 5150' KB± and squeezing the Entrada perforated interval, 5200'-07', with 50sx (59cf) Class B cement.

Will mill up to 80 feet of 7" casing section at a kick-off point in the Morixon formation (depth not yet chosen). Will spot a kick-off cement plug across the milled section, dress off and mobilize directional drilling equipment.

Will run in hole with mud motor and 6-1/8" bit. Will orient and kick off of cement plug in a southerly direction (subject to change during drilling). Will build angle and intersect the Entrada top at or near horizontal. Will continue to build angle to ~ 90°. Plan to run 4-1/2" liner through build section and cement in place with adequate cement to circulate to liner top inside of 7" casing. Will set linertop minimum of 50 feet into 7" casing. Will drill ahead with 3-7/8" bit. (If liner not used will continue with 6-1/8" bit) Will drill a horizontal lateral up to 1400 feet from surface location in a general southerly direction. Following drilling, no open hole logs are planned. The drilling mud will be displaced with water or other suitable completion fluid and the Entrada formation will be tested for sizing of a submersible pump.

Blow out preventers for 2M service will be used during all phases of work through completion.

The drilling mud will be a low solids non-dispersed mud using polymer, gel and anti corrosion additives.

The reserve pit will be 70'X100'X6' in size and will line with 12mil liner.

Merrion has applied to the NMOCD for project approval and will not conduct any new drilling pending approval by the OCD. However, we do request that the BLM give contingent approval to conduct the wellbore preparation phase of this project immediately, stipulating that OCD final approval must be received prior to drilling the horizontal well.

COPIES: BLM+4, LAND+1, ACTG+1, WELL FILE+1

14. I hereby certify that the foregoing is true and correct

Signed

Steven S. Dunn

Title Operations Manager

Date March 18, 1996

(This space for Federal or State office use)

Approved by

(Conditions of approval, if any:

Title

APPROVED

MAR 22 1996

DISTRICT MANAGER

Need HQ order & BH what

Merrion Oil & Gas Corporation

Wellbore Schematic

PWU No. 4

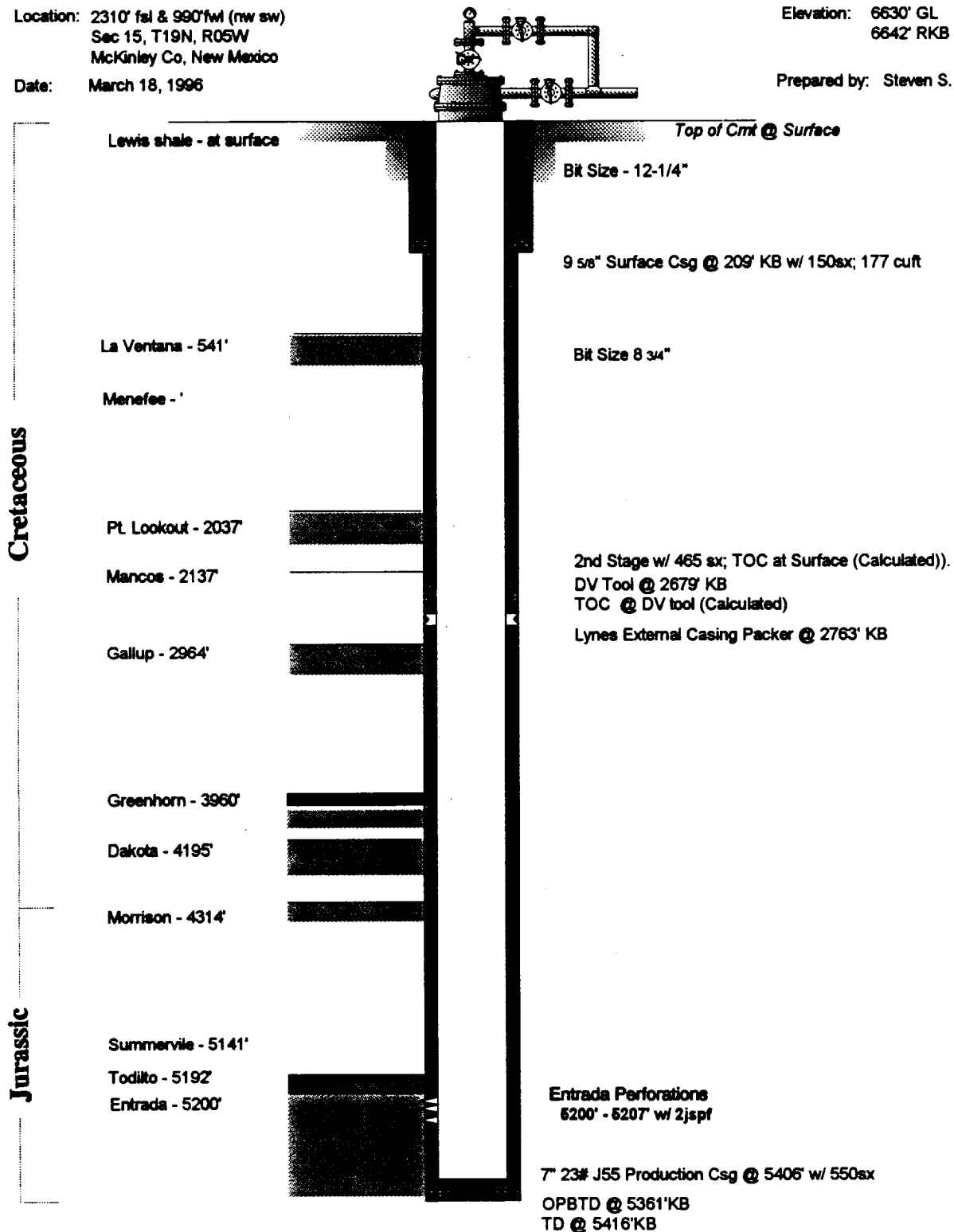
Current Wellbore Configuration

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

Date: March 18, 1996

Elevation: 6630' GL
6642' RKB

Prepared by: Steven S. Dunn



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

Merrion Oil & Gas Corporation
Well Control Equipment Schematic for 2M Service

Attachment to Sundry Notice of Intent

PWU No. 4 Horizontal Entrada Well

Location: 2310'fsl & 990'fwi (nw sw)
Sec 15, T19N, R5W, NMPM
McKinley County, New Mexico

Date: March 18, 1996
By: Steven S. Dunn

