

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC067230

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MARSHALL & WINSTON INC E-Mail: sroberts@mar-win.com
 Contact: SHERRY L ROBERTS

8. Lease Name and Well No.
FEDERAL 3 2

3. Address
MIDLAND, TX 79710-0880
 3a. Phone No. (include area code)
Ph: 432-884-6373

9. API Well No.
30-025-25701-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface NWSE 1980FSL 1730FEL
 At top prod interval reported below NWSE 1980FSL 1730FEL
 At total depth NWSE 1980FSL 1730FEL

10. Field and Pool, or Exploratory
LUSK

11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T19S R32E Mer NMP

12. County or Parish
LEA
 13. State
NM

14. Date Spudded
11/06/1977
 15. Date T.D. Reached
01/08/1978
 16. Date Completed
 D & A Ready to Prod.
09/24/2014

17. Elevations (DF, KB, RT, GL)*
3680 KB

18. Total Depth: MD 13150 TVD
 19. Plug Back T.D.: MD 9416 TVD
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
3680 KB
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375	48.0		410		400			0
11.000	8.625	32.0		4515		1500			0
11.000	8.625	24.0		4515					0
7.875	5.500	15.5		13150		200			0
7.875	5.500	17.0		13150					0
7.875	5.500	20.0		13150					0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8900							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING EAST	9142	9156	9142 TO 9156			
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9142 TO 9156	F/ 4000 GAL OF ACID, 37000 GAL OF PAD, 93296 GAL SAND LADEN FLUID, 4200 GAL OF FLUSH,

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/24/2014	01/29/2015	24	→	18.0	0.0	3.0	43.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		20.0	→	18	0	3		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
 JAN 22 2016
 PGW
 BUREAU OF LAND MANAGEMENT
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #323221 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

The Morrow will need to be plugged back properly.
 Petroleum Engineer

KB
 [Signature]

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
CAPTURED

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				RUSTLER	1310
				TANSILL	2800
				YATES	3016
				DELAWARE	5615
				BONE SPRING	7209
				BONE SPRING 2ND	7894
				WOLFCAMP	10490
				STRAWN	11622

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #323221 Verified by the BLM Well Information System.
For MARSHALL & WINSTON INC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 11/13/2015 (16LJ0163SE)**

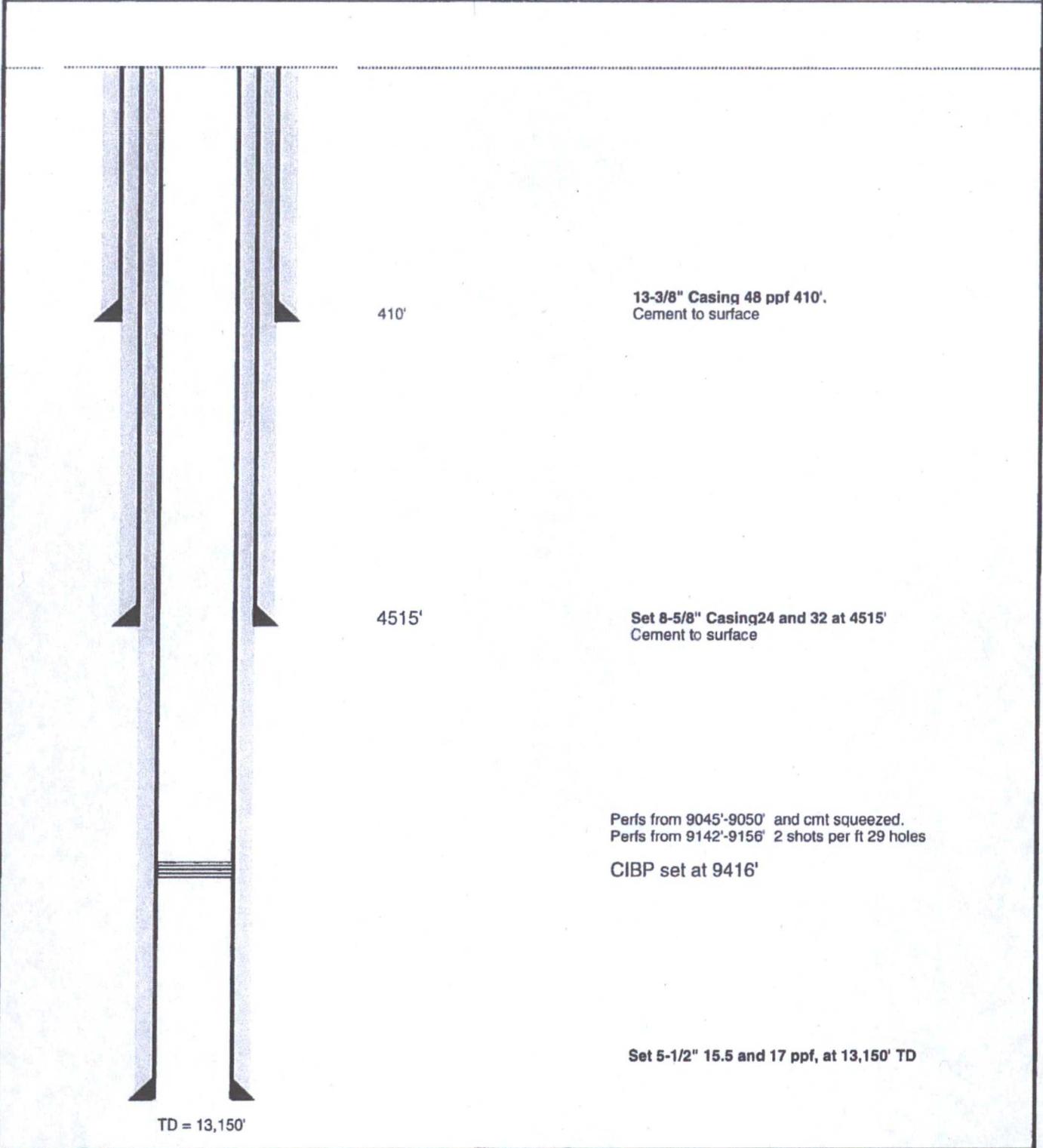
Name (please print) GABE HERRERA Title _____

Signature _____ (Electronic Submission) Date 11/11/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ****

AFE No. API 30-025-25701 Permit No. Project No.	 Fed 3 #2 Lea County, NM Proposed Wellbore Sketch	AFE Information Dry Hole: Days: Proposed TD: 13,150' TD v
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<u>Well Information</u> Surface Location: Sec 3 T19S R32E, Lea County, NM
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