

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88201
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

HOBBS OCD
DEC 07 2017
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Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address ConocoPhillips Company P. O. Box 51810 Midland, TX 79710		² OGRID Number 217817
		³ Reason for Filing Code/ Effective Date
⁴ API Number 30 - 025-43370	⁵ Pool Name MALJAMAR; YESO, WEST	⁶ Pool Code 44500
⁷ Property Code 38653	⁸ Property Name RUBY FEDERAL	⁹ Well Number 100H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	18	17S	32E		990	NORTH	2260	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	17S	32E		766	NORTH	2072	EAST	LEA

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34056	PLAINS MARKETING, L.P. 500 DALLAS, STE 700 HOUSTON, TX	O
221115	FRONTIER FIELD SERVICES 4200 EAST SKELLY DRIVE, STE 700 TULSA, OK	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBSD	²⁵ Perforations	²⁶ DHC, MC
06/01/2017	11/01/2017	11400' TMD	11400' TMD	6451'-11375'	NA

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
17.5"	13.375"	772'	832 SX (239 BBLS)
12.25"	9.625"	2067'	688 SX (295 BBLS)
8.75"	5.5"	11323'	1646 SX (556 BBLS)
	2.375"	5456'	NA

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
11/08/2017	11/08/2017	11/09/2017	24 HRS	350#	150#

³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method
	342	1500	153	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Rhonda Rogers*
Printed name: Rhonda Rogers
Title: Staff Regulatory Technician
E-mail Address: rogers@conocophillips.com
Date: 11/30/2017
Phone: (432)688-9174

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: Petroleum Engineer
Approval Date: 12/15/17

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029405B

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

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6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CONOCOPHILLIPS COMPANY Contact: RHONDA ROGERS
E-Mail: rogersr@conocophillips.com

8. Lease Name and Well No.
RUBY FEDERAL 100H

3. Address P. O. BOX 51810
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-688-9174

9. API Well No.
30-025-43370

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWNE 990FNL 2260FEL
At top prod interval reported below NENE 820FNL 1722FEL
At total depth NWNE 566FNL 2072FEL

10. Field and Pool, or Exploratory
MALJAMAR; GB-SA **YES, WAST**

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T17S R32E Mer NMP

12. County or Parish
LEA 13. State
NM

14. Date Spudded
06/01/2017

15. Date T.D. Reached
06/18/2017

16. Date Completed
 D & A Ready to Prod.
11/01/2017

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

18. Total Depth: MD 11400
TVD 6046

19. Plug Back T.D.: MD 11400
TVD 6046

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SPECTRAL GR

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	772		832	239	0	
12.250	9.625 J-55	40.0	0	2067		688	295	0	
8.750	5.500 L-80	20.0	0	11323		1646	556	1000	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375		5456						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MALJAMAR;GB-SA	3450	5305	6451 TO 11375			PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6451 TO 11375	FRAC W/2086005# 100 MESH SAND, 2510410# WHITE, 770780# ALTAS CRC & ACID 90000 GALS 15% HCL

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
11/08/2017	11/09/2017	24	→	342.0	153.0	1500.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	350	150.0	→					POW	

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	
			→						

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

ELECTRONIC SUBMISSION #396504 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD
DEC 07 2017
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5. Lease Serial No. NMLC029405B
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. RUBY FEDERAL 100H
9. API Well No. 30-025-43370
10. Field and Pool or Exploratory Area MALJAMAR: GB SA <i>YESO well</i>
11. County or Parish, State LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CONOCOPHILLIPS COMPANY	Contact: RHONDA ROGERS E-Mail: rogers@conocophillips.com
3a. Address P. O. BOX 51810 MIDLAND, TX 79710	3b. Phone No. (include area code) Ph: 432-688-9174
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T17S R32E Mer NMP NWNE 990FNL 2260FEL	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THE CORRECT BH LOCATION FOR THIS WELL IS 766 FNL & 2072 FEL. 3160-4 STATED BH @ 566 FNL & 2072 FEL.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #396515 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Hobbs	
Name (Printed/Typed) RHONDA ROGERS	Title STAFF REGULATORY TECHNICIAN
Signature (Electronic Submission)	Date 11/30/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
		Office _____

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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS OCD
SUNDRY NOTICES AND REPORTS ON WELLS
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FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

5. Lease Serial No.
NMLC029405B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2
RECEIVED

8. Well Name and No.
RUBY FEDERAL 100H

9. API Well No.
30-025-43370

10. Field and Pool or Exploratory Area
MALJAMAR; GB-SA

11. County or Parish, State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: RHONDA ROGERS
E-Mail: rogerr@conocophillips.com

3a. Address
P. O. BOX 51810
MIDLAND, TX 79710

3b. Phone No. (include area code)
Ph: 432-688-9174

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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CONOCOPHILLIPS COMPANY COMPLETED THIS WELL PER ATTACHMENT.
ATTACHED IS A CURRENT WELLBORE SCHEMATIC
ATTACHED IS A DD SURVEY
ATTACHED IS AN "AS DRILLED PLAT"
GAS CAPTURE PLAN ONLINE

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #396469 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs**

Name (Printed/Typed) RHONDA ROGERS Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 11/30/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

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Ruby Federal 100H

30-025-43370

7/26/17 PT PERFORMED ON PRODUCTION CSG TO 7100# HIGH/15 MINS – TEST GOOD.

7/31/17 PERF STAGE 1 F/11,375'-11,236'. ACID PUMP 2000 GALS 15% HCL.

9/26/17 FRAC PERFS W/33950# 100 MESH, 41250# 40/70 WHITE, 26250# 40/70 ATLAS CRC.

PERF STAGE 2 F/11183'-11071'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87700# 40/70 WHITE, 22200# 40/70 ATLAS CRC.

PERF STAGE 3 F/11018'-10906'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 88125# 40/70 WHITE, 22200# 40/70 ATLAS CRC.

PERF STAGE 4 F/10852'-10741'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 5 F/10688'-10576'.

9/27/17 ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87700# 40/70 WHITE, 22200# 40/70 ATLAS CRC.

PERF STAGE 6 F/10523'-10411'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87975# 40/70 WHITE, 23000# 40/70 ATLAS CRC.

PERF STAGE 7 F/10358'-10249'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 180500# 40/70 ATLAS CRC.

PERF STAGE 8 F/10193'-10083'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 23000# 40/70 ATLAS CRC.

PERF STAGE 9 F/10028'-9916'.

9/28/17 ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 23000# 40/70 ATLAS CRC.

PERF STAGE 10 F/9863-9751'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 88100# 40/70 WHITE, 22800# 40/70 ATLAS CRC.

PERF STAGE 11 F/9696'-9586'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 86900# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 12 F/9533'-9421'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 13 F/9366-9256'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 14500# 40/70 ATLAS CRC.

PERF STAGE 14 F/9203'-9091'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 15 F/9038'-8926'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87420# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

9/29/17 PERF STAGE 16 F/8876'-8761'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 17 F/8706'-8596'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 18 F/8540'-8431'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87640# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 19 F/8378'-8268'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87780# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 20 F/8213'-8107'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 21 F/8048'-7933'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 22 F/7883'-7771'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 89120# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

9/30/17 PERF STAGE 23 F/7718'-7606'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 88060# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 24 F/7553'-7441'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 25 F/7388'-7276'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 26 F/7223'-7111'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87500# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 27 F/4058'-6946'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87120# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 28 F/6893'-6781'. ACID 3000 GALS 15% HCL. FRAC W/ W/70000# 100 MESH, 87120# 40/70 WHITE, 22000# 40/70 ATLAS CRC.

PERF STAGE 29 F/6728'-6617'. ACID 3000 GALS 15% HCL. FRAC W/ W/64695# 100 MESH, 97360# 40/70 WHITE, 21040# 40/70 ATLAS CRC.

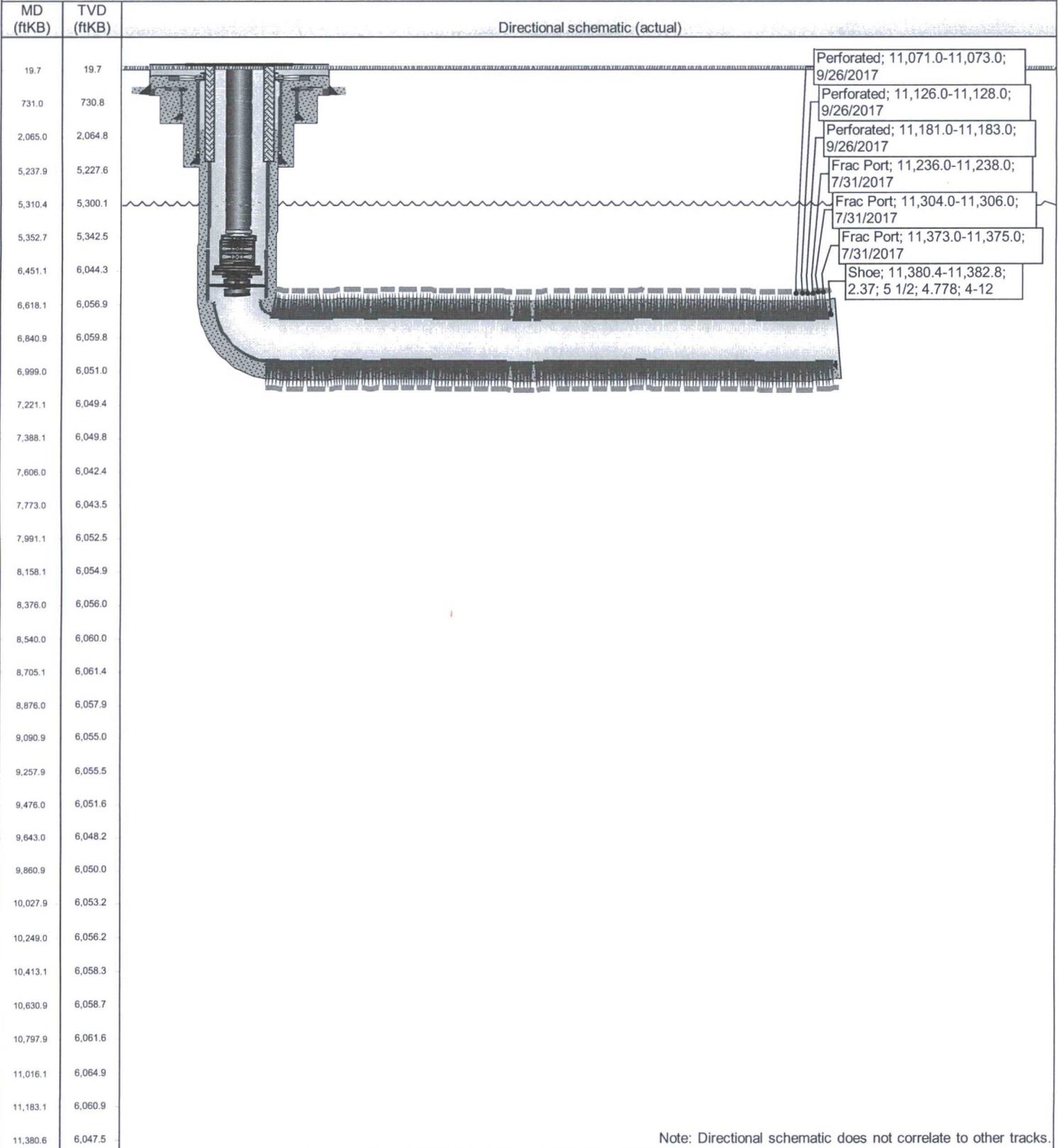
PERF STAGE 30 F/6563'-6451'.

10/1/17 ACID 3000 GALS 15% HCL. FRAC W/ W/64695# 100 MESH, 97360# 40/70 WHITE, 21040# 40/70 ATLAS CRC.

11/1/17 RIH W/165 JTS 2 7/8", 6.5#, L-80 EUE8RD & SET @ 5456'. RDMO

District PERMIAN CONVENTIONAL	Field Name MALJAMAR	API / UWI 3002543370	County LEA	State/Province NEW MEXICO
Original Spud Date 6/1/2017	Surface Legal Location 018-017S-032E	East/West Distance (ft) 2,260.00	East/West Reference FEL	North/South Distance (ft) 990.00
North/South Reference FNL				

HORIZONTAL - Original Hole, 11/1/2017 7:00:00 AM



Note: Directional schematic does not correlate to other tracks.