

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.

5. Lease Serial No. NMNM12280 ✓
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

HOBBS OCD

MAR 12 2019

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. TATANKA FEDERAL 001H
2. Name of Operator ROSEHILL OPERATING COMPANY LLC Contact: ALVA A FRANCO Email: afranco@rosehillres.com		9. API Well No. 30-025-44569-00-S1
3a. Address 16200 PARK ROW SUITE 300 HOUSTON, TX 77084	3b. Phone No. (include area code) Ph: 281-675-3420 Ext: 1610	10. Field and Pool or Exploratory Area WOLFCAMP
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T26S R35E SWSW 230FSL 790FWL 32.051159 N Lat, 103.344292 W Lon		11. County or Parish, State LEA COUNTY, NM

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	Change to Original PD
	<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.

- 8/13/18 Rosehill changed the prod method to gas lift.
- 8/13/18 Installed 2 3/8" tubing at 12,365 depth and returned the well to production.

Carlsbad Field Office
OCD Hobbs

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

**Electronic Submission #442648 verified by the BLM Well Information System
For ROSEHILL OPERATING COMPANY LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/15/2018 (18ZS0057SE)**

Name (Printed/Typed) ALVA A FRANCO	Title REGULATORY ADVISOR
Signature (Electronic Submission)	Date 11/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JEREMY PORTER Title PETROLEUM ENGINEER	Date 02/15/20
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 Hobbs

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) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

[Handwritten Signature]

Revisions to Operator-Submitted EC Data for Sundry Notice #442648

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER SR	APDCH SR
Lease:	NMNM12280	NMNM12280
Agreement:		
Operator:	ROSEHILL OPERATING COMPANY,LLC 16200 PARK ROW, STE 300 HOUSTON, TX 77084 Ph: 281-675-3420	ROSEHILL OPERATING COMPANY LLC 16200 PARK ROW SUITE 300 HOUSTON, TX 77084 Ph: 281 675 3420
Admin Contact:	ALVA A FRANCO REGULATORY ADVISOR E-Mail: afranco@rosehillres.com Cell: 432-352-1610 Ph: 281-675-3420 Ext: 1610	ALVA A FRANCO REGULATORY ADVISOR E-Mail: afranco@rosehillres.com Cell: 432-352-1610 Ph: 281-675-3420 Ext: 1610
Tech Contact:	ALVA A FRANCO REGULATORY ADVISOR E-Mail: afranco@rosehillres.com Cell: 432-352-1610 Ph: 281-675-3420 Ext: 1610	ALVA A FRANCO REGULATORY ADVISOR E-Mail: afranco@rosehillres.com Cell: 432-352-1610 Ph: 281-675-3420 Ext: 1610
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WOLFCAMP	WOLFCAMP
Well/Facility:	TATANKA FEDERAL 001H Sec 11 T26S R35E SWSW 230FSL 790FWL 32.051159 N Lat, 103.344890 W Lon	TATANKA FEDERAL 001H Sec 11 T26S R35E SWSW 230FSL 790FWL 32.051159 N Lat, 103.344292 W Lon

	OPERATOR: Rosehill Resources	Well Name: Tatanka Federal 001H	Survey Location: Sec 11 T28S R35E SWSW 230FSL 790FWL	Lat: 32.051158 N	Long: 103.344282 W	API#: 30-025-44569-00-X1
	DRILLING RIG: HAP 389	COUNTY / STATE: LEA COUNTY, NM	Blm Hole Loc: 32.0844884 LAT / -103.3443032 LONG	FIELD: Wolfcamp		
COMPLETION RIG:			Surf Loc:			

DIRECTIONAL DATA

KOP: MD: 12,100' TVD: 12,997'
 LP: MD: 13,103' TVD: 12,524'
 TD: MD: 17,163' TVD: 12,532'

TUBULAR DATA

Tubulars	Size	Weight	Grade	Thread	BD	TVD	Depth
SURFACE	13-3/8"	54.5#	J55	STC	925'	925'	Surface
INTERMEDIATE (1)	10-3/4"	45.5#	NT-80	BC	5,070'	5,070'	Surface
INTERMEDIATE (2)	7-5/8"	29.7#	P110	CDC	11,590'	11,590'	875'
PRODUCTION	5"	18#	HCP110	QGX	17,163'	12,532'	9,830'
Tubing	2-3/8"	4.7#	L-80	EUE	12,357'	12,324'	

WELLHEAD DATA

TYPE: _____
 W/P: _____
 I: _____
 R: _____
 C: _____
 A: _____
 P: _____
 E: _____
 E: _____

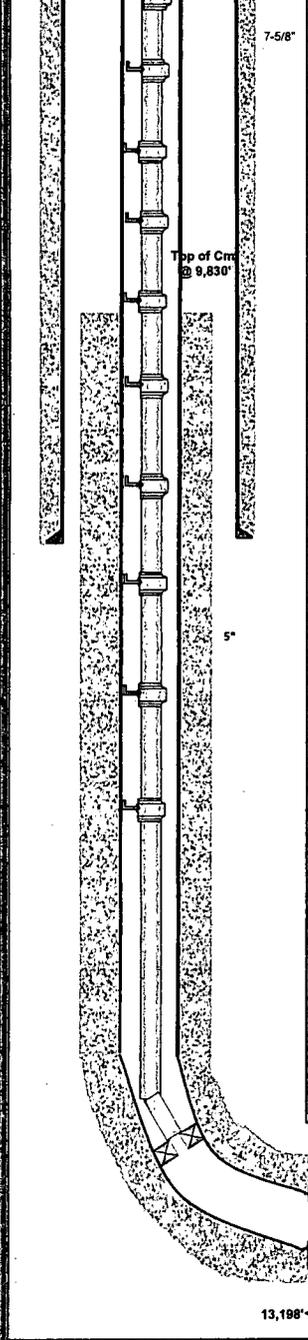
TUBING HANGER: _____
 BTM FLANGE: _____
 BPV PROFILE: _____

ELEVATIONS:
 RKB: 25.5'
 RKB-ELEV: 3,089.5'

GROUND ELEVATION:
3,084'

DRILLING / COMPLETION FLUID

2nd INT DRILLING FLUID: CBW 9.2 ppg @ TD
 Prod Curve DRILLING FLUID: OBM 13.5 ppg @ TD
 Prod Lateral DRILLING FLUID: OBM 13.5 ppg @ TD
 COMPLETION FLUID: ppg -
 PACKER FLUID: ppg -



EQUIPMENT DESCRIPTION

DESCRIPTION	OD	ID	LENGTH	DEPTH TVD	INCL DEG	DEPTH MD
KB			28	28.00		
Hanger			0.5	28.50		
1 SJ	3.063	1.995	30.05	58.55		
Pup Joint (g)	3.063	1.995	6.1	62.65		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	1990.7	2,053.35		
Gas Lift Valve #17	3.783	1.995	4.1	2,057.45		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	552.18	2,609.63		
Gas Lift Valve #16	3.783	1.995	4.1	2,613.73		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.78	3,168.51		
Gas Lift Valve #15	3.783	1.995	4.1	3,172.61		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	522.15	3,694.76		
Gas Lift Valve #14	3.783	1.995	4.1	3,698.86		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.81	4,253.67		
Gas Lift Valve #13	3.783	1.995	4.1	4,257.77		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	552.04	4,809.81		
Gas Lift Valve #12	3.783	1.995	4.1	4,813.91		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	522.22	5,336.13		
Gas Lift Valve #11	3.783	1.995	4.1	5,340.23		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.74	5,894.97		
Gas Lift Valve #10	3.783	1.995	4.1	5,899.07		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.94	6,454.01		
Gas Lift Valve #9	3.783	1.995	4.1	6,458.11		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.7	7,012.81		
Gas Lift Valve #8	3.783	1.995	4.1	7,016.91		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	522.02	7,538.93		
Gas Lift Valve #7	3.783	1.995	4.1	7,543.03		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.82	8,097.85		
Gas Lift Valve #6	3.783	1.995	4.1	8,101.95		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	555.05	8,657.00		
Gas Lift Valve #5	3.783	1.995	4.1	8,661.10		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	554.82	9,215.92		
Gas Lift Valve #4	3.783	1.995	4.1	9,220.02		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	522.15	9,742.17		
Gas Lift Valve #3	3.783	1.995	4.1	9,746.27		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	551.28	10,297.55		
Gas Lift Valve #2	3.783	1.995	4.1	10,301.65		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	551.38	10,853.01		
Gas Lift Valve #1	3.783	1.995	4.1	10,857.11		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	1465.36	12,322.47		
Pup Joint (g)	3.063	1.995	2.1	12,324.57		
2-3/8", 4.7#, L80, 8rd EUE	3.063	1.995	32.63	12,357.20		
On/Off Tool	3.75		1.35	12,358.55		
X-Profile Stinger		1.875	0.25	12,358.80		
5" X 2 3/8 18# VSIX NICKEL COATED PACKER	5	1.995	6.2	12,365.00	40°	12,332.00
Pup Joint (g)	3.063	1.995	4.05	12,369.05		
XN-Nipple	3.063	1.875/1.791	0.92	12,369.97		
Pump Out Plug	3.063	1.995	0.43	12,370.40		

28 Stages

Uppermost Perforation:	Bottommost Perforation:
12,845' MD or 12,520' TVD	17,008' MD or 12,531' TVD
Average per Stage	
Frac w/48 bbls 15% HCl & 12,076 bbls Slickwater & 410,864# 100 mesh @ 87.5 BPM	

Production Gas (5" Marker Joint @ 15,121')

Ran Gas Lift Valves (8/14/2018)

COMMENTS:

Property# 30-025-44569-00-X1
 Spud Date: 5/28/2018

Working Interest: 70.40%
 Net Revenue Interest: 58.08%

TOTAL WELL DEPTH:	MD	TVD
	17,163'	12,532'
PREPARED OR	DATE:	
REVISED BY:	DATE:	
Wesley Kellner	8/16/2018	