

5	LEASE DESIGNATION AND SERIAL NO
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NMNM114349

6	INDIAN ALLOTTEE OR TRIBE NAME
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7 UNIT AGREEMENT

8	FARM OR LEASE NAME
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Jack Federal #1H

9	API WELL NO
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30-015-38643

10	FIELD NAME
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Wildcat; Wolfcamp

11 SEC T. R. M. OR BLOCK AND SURVEY
OR AREA 31 T 25S R 27E

12. COUNTY OR PARISH	13. STATE
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Eddy	NM
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17	ELEVATIONS (DF, RKB, RT, GR, etc)*
3241'	GR 3258'

3241'	GR	3258'	KB
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Bridge Plug Set	MD
	TVD

Well cored? ☒ No ☐ Yes (Submit analysis)

ST run? ☒ No ☐ Yes (Submit report)

Personal Survey? ☐ No ☒ Yes (Submit copy)

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

Hole Size	Size/ Grade	Wt (#/ft)	Top (MD)	Bottom(MD)	Stage Cemen- ter Depth	No of Sks. & Type of Cement	Slurry Vol (Bbl)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" N80	48#	0	451'		550 sx		0	None
12 1/4"	9 5/8" J55	36#	0	1860'		700 sx		0	None
8 3/4"	7" P110	29#	0	9825'	1824'	1300 sx		0	None
6 1/8"	4 1/2" P110	11.6#	9007'	13673'		550 sx		9007'	None

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 7/8"	9245'	9245'						

25 Producing Intervals

Producing intervals			Perforation Record			
Formation	Top	Bottom	Perforation Interval	Size	No. of Holes	Perf. Status
A) Wolfcamp	9859'	13600'	9859-13600'	0.43	468	Open
B)						
C)						
D)						

27 Acid Fracture Treatment, Cement Squeeze, Etc

Depth Interval	RECEIVED JUL 31 2012 NMOCD ARTESIA	Amount and Type of Material
See Attached		See Attached
		RECLAMATION DUE 11-13

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
7/13/12	7/18/12	24	→	391	4213	2974			Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil Bbl	Gas MCF	Water Bbl	Gas. Oil Ratio	Well Status	
32/64"	1154#	827#	→	391	4213	2974		Producing	

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 JUL 29 2012	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate ➡	Oil Bbl	Gas MCF	Water Bbl	Gas Oil Ratio	Well Status	<i>[Signature]</i>	

* See instructions and spaces for additional data on page 2)

~~BUREAU OF LAND MANAGEMENT~~
~~CARLSBAD FIELD OFFICE~~

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)

Sold

30 Summary of Porous Zones (include Aquifers)				31 Formation (Log) Markers	
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					
Formation	Top	Bottom	Descriptions Contents, Etc	Name	Top Measured Depth
Delaware	1946'	5511'		Rustler	184'
Bone Spring	5512'	8653'		Top of Salt	454'
Wolfcamp	8654'	13679'		Bottom of Salt	1754'
				Delaware	1946'
				Bone Spring	5512'
				Wolfcamp	8654'
					TD 13679'

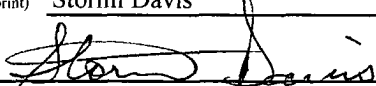
32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

☒ Electrical/ Mechanical Logs (1 full set required)	☐ Geologic Report	☐ DST Report	☒ Directional Survey
☐ Sundry Notice for plugging and cement verification	☐ Core Analysis	☒ Other Logs	

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

Name (please print) Stormi Davis Title Regulatory Analyst

Signature  Date 7/20/12

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

JACK FEDERAL #1H**30-015-38643****Sec 31-T25S-R27E**

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
13403-13600'	3000	214422	230370
13108-13306'	3000	200000	287658
12812-13010'	3024	269578	275016
12517-12715'	4013	315449	345695
12222-12420'	3024	317132	373170
11926-12123'	3023	315400	314793
11631-11829'	3029	316728	273156
11336-11534'	3023	317833	288043
11040-11238'	2957	318960	289618
10745-10943'	2997	315413	291195
10450-10648'	2991	314932	300777
10154-10352'	2992	313204	283592
9859-10057'	4578	362737	403536
Totals	41651	3891788	3956619