

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT
OCD Artesia
JAN 25 2016

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-101856	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Fasken Oil and Ranch, Ltd.		7. Unit or CA Agreement Name and No.	
3. Address 6101 Holiday Hill Road Midland, TX 79707		8. Lease Name and Well No. Shell Federal No. 1	
3a. Phone No. (include area code) 432-687-1777		9. API Well No. 30-015-10881	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1980' FSL & 1980' FWL At surface 1980' FSL & 1980' FWL At top prod. interval reported below 1980' FSL & 1980' FWL At total depth		10. Field and Pool or Exploratory Wildcat Atoka 11. Sec., T., R., M., on Block and Survey or Area Sec. 5, T21S, R24E	
14. Date Spudded 07/01/2014		15. Date T.D. Reached 10/03/2014	
16. Date Completed 10/03/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3819' GR	
18. Total Depth: MD TVD 9901'		19. Plug Back T.D.: MD TVD 9515'	
20. Depth Bridge Plug Set: MD TVD 9550'		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) None	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		23. Casing and Liner Record (Report all strings set in well)	
24. Tubing Record		25. Producing Intervals	
26. Perforation Record		27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
28. Production - Interval A		28a. Production - Interval B	

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

ACCEPTED FOR RECORD
JAN 20 2016
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 (Solid, 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.	Grayburg - 300' Wolfcamp - 6645' Barnett - 9835' San Andres - 910' Strawn - 8540' Glorietta - 2470' Atoka - 9170' Bone Springs - 3010' Morrow - 9440'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

Set CIBP @ 9560' closing off the morrow perfs from 9570' - 9731'. Set CIBP @ 9550' w/ 35' of cement on top. PBTD @ 9515'. Well tested uneconomic submitted Sundry Notice for approval to plug back to the Indian Basin; Strawn Pool.

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

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: C-102, C-104 & Wellbore Diagram

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) Kim Tyson Title Regulatory Analyst
 Signature Kim Tyson Date 02/24/2015

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.

(Continued on page 3)

(Form 3160-4, page 2)

Well: **Shell Federal No. 1**

Current as of 7-9-14

Operator: **Fasken Oil and Ranch, Ltd.**

RKB: 3383'

Location: 1980' FSL and 1980' FWL
Sec 5, T21S, R24E
Eddy County, NM

Spudded: 10/30/1966

API #: 30-015-10881

TD: 9901'

PBTD: 9515' (CIBP@9550w/35' "H")

San And 904'

Casing: 13-3/8" 48# H-40 ST&C @ 310'

w/325sx Incor w/ 2% CaCl₂

circulated to surface

8-5/8" 24# J-55 ST&C 8rd thd @ 3100'

w/1100sx Incor w/ 4% gel + 330 sx neat w/2% CaCl₂

circulated 276 sx to surface

4-1/2" 11.6# N-80&J-55 @ 9900'

450 sx Incor

TOC: TOC 7750' by Temp survey

4-1/2" 11.6# N-80: Surf-1750'

4-1/2" 11.6# J-55: 1750'-7450'

4-1/2" 11.6# N-80: 7450'-9900'

Tubing: 7-8-14

JTS

2-3/8" Arrowset 1 10k pkr,

1 TOSSD w/1.81" "F" PN

272 2-3/8" EUE 8rd N80 tbg

EOT 8559'

TOC 7750' by Temp survey

Pkr 8559'

Perfs: Atoka

#hls

7/9/2014 9181'-87' (1jspf, 1-11/16" SG)

7

7/9/2014 9193'-9200' (1jspf, 1-11/16" SG)

8

7/9/2014 9336'-46' (1jspf, 1-11/16" SG)

11

7/9/2014 9406'-22' (1jspf, 1-11/16" SG)

17

43

7/8/2014 CIBP 9550' w/35' "H" cmt

7/3/2014 CIBP 9560'

Morr CL 9440

Perfs: Morrow

9570'-9572' 4 JSPF Original

9657'-9662' 2 JSPF 11-10-93

9727'-9731' 2 JSPF 11-10-93

Atoka 9181'-87'

9193'-9200'

9336'-46'

9406'-22'

PBTD: 9515' (CIBP@9550w/35' "H")

CIBP 9560'

9570'-9572' 4 JSPF Original

9657'-9662' 2 JSPF 11-10-93

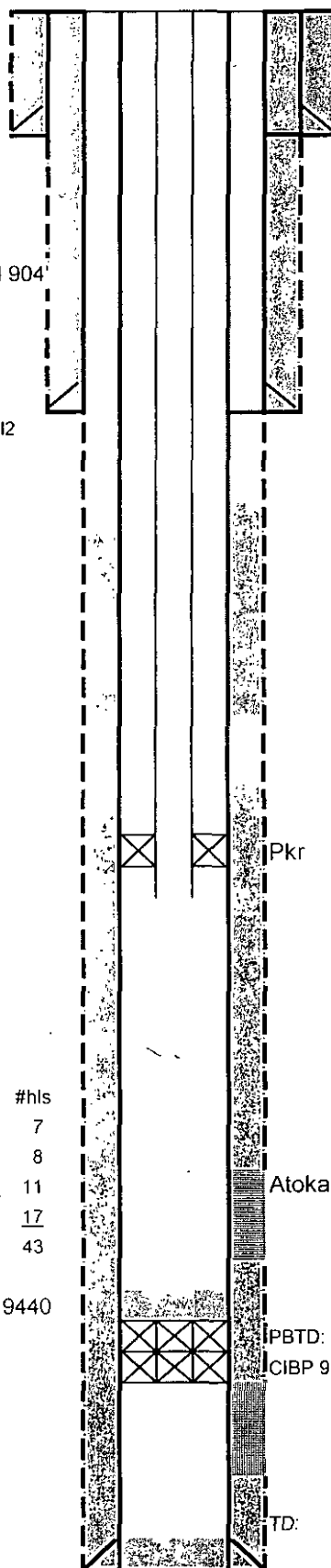
9727'-9731' 2 JSPF 11-10-93

Hole Sizes 17-1/2" 310', 12-1/4" 3100', 7-7/8" 9901'

Status: Morrow gas producer, 7 mcf/d.

TD: 9901'

4-1/2" 11.6# N-80&J-55 @ 9900'



cwb

10-2-14

Shell 1 wb diagram