

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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 and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-105

Revised August 1, 2011

1. WELL API NO.
30-025-41366

2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

5. Lease Name or Unit Agreement Name
Quail "16" State

6. Well Number:

8H

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Fasken Oil and Ranch, Ltd.

9. OGRID
151416

10. Address of Operator
6101 Holiday Hill Road
Midland, TX 79707

11. Pool name or Wildcat

Lea; Bone Spring, South

12. Location

Unit Ltr

Section

Township

Range

Lot

Feet from the

N/S Line

Feet from the

E/W Line

County

Surface:

O

16

20S

34E

262

South

2080

East

Lea

BH:

B

16

20S

34E

321

North

2111

East

Lea

13. Date Spudded
9-3-2013

14. Date T.D. Reached
10-1-2013

15. Date Rig Released
10-5-2013

16. Date Completed (Ready to Produce)
1-14-2014

17. Elevations (DF and RKB, RT, GR, etc.)
3637' GR

18. Total Measured Depth of Well
15,515' MD; 10,938' TVD

19. Plug Back Measured Depth
15,440' MD; 10,938' TVD

20. Was Directional Survey Made?
Yes

21. Type Electric and Other Logs Run
None

22. Producing Interval(s), of this completion - Top, Bottom, Name
11,276' - 15,364' - Bone Springs, South

23. CASING RECORD (Report all strings set in well)

CASING SIZE

WEIGHT LB./FT.

DEPTH SET

HOLE SIZE

CEMENTING RECORD

AMOUNT PULLED

13 3/8"

54.5 & 48

1627'

17 1/2"

1150 sx C

9 5/8"

40

5205'

12 1/4"

150 sx Thixotropic

5 1/2"

17

DV Tool @ 3764'

& 1900 sx Light C

& 3905 sx C

15,498'

8 3/4"

1400 sx LW &

1250 sx LTS

24. LINER RECORD

25. TUBING RECORD

SIZE

TOP

BOTTOM

SACKS CEMENT

SCREEN

SIZE

DEPTH SET

PACKER SET

26. Perforation record (interval, size, and number)

11,276' - 15,364', EH - .50", 594 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

11,276' - 15,364'

Frac. w/ 2,942,846 gals crosslink fluid & acid;

2,703,700 lbs sand.

28. PRODUCTION

Date First Production
1-17-2014

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Producing

Date of Test
2-6-2014

Hours Tested
24 Hrs.

Choke Size
30/64"

Prod'n For Test Period

Oil - Bbl
646

Gas - MCF
859

Water - Bbl.
822

Gas - Oil Ratio
1328

Flow Tubing Press.

Casing Pressure
520

Calculated 24-Hour Rate

Oil - Bbl.
646

Gas - MCF
859

Water - Bbl.
822

Oil Gravity - API - (Corr.)
45.5

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

30. Test Witnessed By

31. List Attachments
Completion Attachment, Directional Surveys, C-102, & C-104

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Kim Tyson

Printed Name Kim Tyson

Title Regulatory Analyst

Date 2-19-2014

E-mail Address kimt@forl.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8321'	T. Todilto	
T. Abo	T. Bell Canyon 5395'	T. Entrada	
T. Wolfcamp	T. Cherry Canyon 6215'	T. Wingate	
T. Penn	T. Brushy Canyon 7132'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from to feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology