

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr.
Other Commingled Bone Spring and Delaware DHC #3968

2 Name of Operator
Samson Resources Co.

3 Address 200 N. Lorraine, Suite 1010; Midland, Texas 79701
3a Phone No (include area code) (432) 683-7063

4 Location of Well (Report location clearly and in accordance with Federal
At surface 1980' FNL & 660' FWL

At top prod interval reported below

At total depth

14 Date Spudded 5/22/1980
15 Date T.D. Reached
16 Date Completed ☐ D & A ☒ Ready to Prod
11/26/07

18 Total Depth MD 13650' TVD
19 Plug Back T.D. MD 9438' TVD
20. Depth Bridge Plug Set MD 9450' TVD

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

22 Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run ☐ No ☐ Yes (Submit report)
Directional 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 Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<u>2 7/8"</u>	<u>9388'</u>	<u>TAC @ 6127'</u>						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) <u>Bone Spring</u>			<u>9324' - 9424'</u>		<u>N/A</u>	<u>Open</u>
B) <u>Delaware</u>			<u>6304' - 6310'</u>		<u>3 spf</u>	<u>Open</u>
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
<u>11/16/07</u>	<u>12/21/07</u>	<u>24</u>	<u>→</u>	<u>8</u>	<u>4</u>	<u>27</u>			<u>Pumping</u>
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
<u>Open</u>	<u>140</u>	<u>40</u>	<u>→</u>				<u>500</u>	<u>Producing per DHC Order #3968</u>	

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
<u>11/16/07</u>	<u>12/21/07</u>	<u>24</u>	<u>→</u>	<u>8</u>	<u>4</u>	<u>27</u>			<u>Pumping</u>
Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
<u>Open</u>	<u>140</u>	<u>40</u>	<u>→</u>				<u>500</u>	<u>Producing per DHC Order #3968</u>	

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

5 Lease Serial No

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No

Smith Ranch Federal #001

9. API Well No BS-C1
30-025-26810 Dec-C2

10 Field and Pool, or Exploratory
Teas; Bone Spring/Delaware

11 Sec. T, R, M, or Block and
Survey or Area
11-20S-33E

12 County or Parish
Lea

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3571' GL

ACCEPTED FOR RECORD

FEB 24 2008

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
Pumping

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 →	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 →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

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

30 Summary of Porous Zones (Include Aquifers)

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

31 Formation (Log) Markers

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

32 Additional remarks (include plugging procedure):

CIBP @ 9594' w/8' cmt as of 4/9/90

CIBP @ 9450' w/12' cmt on top as of 4/16/90

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

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) Kenny KrawietzTitle District EngineerSignature Date 01/28/2008

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

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	DESCRIPTION, CONTENTS, ETC.
Delaware Sand	6285'	6345'	Opened tools for 15" pre-flo w/very wk. blo & then died. SI 60". Opened tools for 60" IFP-no blo. SI 60". POH w/tools. Rec 5' of drlg fluid. Sample chamber rec: 1750 cc of drlg fluid @ 14 psig. IHP 2979 psig; 15" pre-flo 29 psig; 60" ISIP 2965 psig; 60" IFP 29 psig - no change; 60" FSIP 1646 psig; FHP 2979 psig; 140° F BHT.
Bone Springs	9290'	9419'	Opened tools for 15" pre-flo w/good blo. SI 60". Opened tools for 60" flow period. NO GTS. SI 120". POH w/tools. Rec 1200' of gas in DP, 432' of O&GC wtr. (35% Oil - 38° Gravity @ 80° F), & 1500' of O&GC wtr blanket. Sample Chamber rec: 4.25 Ft ³ Gas @ 690 psig w/900 cc of oil & 450 cc of frm wtr w/85,000 ppm chlorides - R _w 0.04. IHP 4886 psig; 15" Pre-flo 354 psig to 803 psig; 60" ISIP 3987 psig; 60" IFP 479 psig to 903 psig; 120" FSIP 3987 psig; FHP 4886 psig; 140° F BHT.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler Anhy.	1350	
Base of Salt	2978	
Yates	3317	
Delaware Sand	5025	
Bone Springs	8262	
Wolfcamp Lime	11002	
Strawn	12216	
Atoka	12434	
Upper Morrow	12922	
Lower Morrow	13448	
Barnett Shale	13596	