

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

15. Lease Serial No.

LC060905a (SHL); B-7072 (BHL)

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other		7. Unit or CA Agreement Name and No.	
2. Name of Operator BOG Resources Inc.		8. Lease Name and Well No. Sand Tank 1 Fed Com 3H	
3. Address P.O. Box 2267 Midland, Texas 79702		9. API Well No. 30-015-37215	
3a. Phone No. (include area code) 432-686-3689		10. Field and Pool, or Exploratory Sand Tank; Bone Spring ✓	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 560' FSL & 240' FWL, U/L P At top prod. interval reported below At total depth 571' FSL & 412' FWL, U/L M		11. Sec., T., R., M., or Block and Survey or Area Sec 1, T18S, R29E	
14. Date Spudded 10/22/10		15. Date T.D. Reached 11/17/10	
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/23/10		17. Elevations (DF, RKB, RT, GL)* 3533' GL	
18. Total Depth: MD TVD 12053 7582		19. Plug Back T.D.: MD TVD 12040	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) ND, Lat, Sonic	
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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4	11-3/4	42		352		500 C		surface	
11	8-5/8	32		3380		1115 C		surface	
7-7/8	5-1/2	17		12053		800C, 1000H		1763' CBL	

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	7123							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	7800		7975 - 12000'	0.57	222	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7975 - 12000'	Frac w/ 1186 bbls 7.5% HCl acid, 13831 bbls XL gel, 1107 bbls Linear gel, 116270 lbs 20/40 sand, 921490 lbs 16/30 sand, 153860 lbs 16/30 SLC sand, 20076 bbls total load

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
12/23/10	1/5/2011	24	→	447	314	70	40.2		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
15/64	470	200	→				702	POW	JAN 23 2011

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

SandTank 1 Fed Com #3H Frac Summary

Stage	Cluster MD	Distance Between Clusters	# Perfs	Avg Pressure	Max Pressure	ISIP	FG	7.5% HCl gals	Clean Mgals	SW Mgals	Gel Mgals	Mlbs Prop	Mlbs 20/40	Mlbs 16/30
1	12,000		10	4280	5280	1863	0.67	4002	131	13	114	195	19	176
	11,825	175	10											
	11,650	175	9											
	11,475	175	8											
2	11,286	189	10	5070	5720	1958	0.69	8000	131	12	102	196	20	176
	11,113	173	10											
	10,956	157	9											
	10,778	178	8											
3	10,602	176	10	4730	4970	2666	0.78	8000	131	7	103	200	19	181
	10,425	177	10											
	10,250	175	9											
	10,075	175	8											
4	9,896	179	10	4770	6030	2340	0.74	8060	132	12	103	192	18	174
	9,714	182	10											
	9,556	158	9											
	9,380	176	8											
5	9,200	180	10	4340	5040	2208	0.72	12200	141	10	98	187	20	167
	9,028	172	10											
	8,840	188	9											
	8,686	154	8											
6	8,506	180	10	3980	5710	1891	0.68	8000	132	16	108	223	20	203
	8,326	180	10											
	8,150	176	9											
	7,975	175	8											

7750	TVD
3300	psi reservoir pressure
135	BHST

Totals:

Water	798 Mgals Prop	1193 Mlbs
SW	70 Mgals 20/40	116 Mlbs
Gel	628 Mgals 16/30	1077 Mlbs

# Cluster:	24
# Perfs	222

7.5% HCl 48 Mgals