

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator

Saga Petroleum LLC

3. Address

415 W. Wall, Suite 1900, Midland, TX 79701

3a. Phone No. (Include area code)

(432) 684-4422

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 1330' FSL & 660' FWL Sec 13 (L) T20S, R27E

At top prod. interval reported below same

At total depth 1330' FSL & 660' FWL Sec 13 (L) T20S, R27E

14. Date Spudded

03/01/2003

15. Date T.D. Reached

04/20/2003

16. Date Completed

☐ D & A ☒ Ready to Prod.
06/18/20035. Lease Serial No.
NM 13410

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Potts Federal 3

9. API Well No.

30-015-32645

10. Field and Pool, or Exploratory
Burton Flat, Morrow11. Sec., T., R., M., on Block and
Survey or Area 13, 20S, 27E

12. County or Parish

Eddy

13. State

NM

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

Gr 3320' KB 3335.9'

18. Total Depth: MD 11,253'
TVD19. Plug Back T.D.: MD 11,145'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Dual Laterolog Micro-Guard, CBL22. Was well cored? ☐ No ☒ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#		419		400 sx C	108	surf	Circ surf
12-1/4"	9-5/8"	36#		3000		1060 sx C	424	surf	Circ surf
7-7/8"	5-1/2"	17#		11,253		1325 sx H	568	3050'	

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"	11,102	11,088						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow			11,124'-11,132 4 JSPF	2"	48	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,020'	CR - spot 500 gal NEFE to CR, 75 sx cmt-2 stages, 75 sx H, 4 bbls slurry into perfs (18 sx)

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
6-21-03	6-25-03	24	→	0	900				flow
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
16/64"	SI 180		→						

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

AUG 27 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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 20.3	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 20.3	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):

Show all important zones or 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
Rustler	280	850	Salt & Anhydrite	Rustler	280
Yates	850	1580	Sd, Salt & Anhydrite	Yates	850
Queen	1628	1780	Sd, Salt, Anhy	Queen	1628
Capitan Reef	1780	3030	Dolo, Anhy w/Sd interbeds	Capitan Reef	1780
Delaware Mt	3030	4556	Sd & Sh w/thin Limestone beds	Delaware Sand	3030
Bone Spring	4556	6144	LmStone & Cherty Limestone	Bone Spring	4556
Bone Spring Sd	6144	6385	Thin beds of Sd, Sh & Lmstone w/show gas & wtr	Wolfcamp	9455
Bone Spring	6385	9455	LmStone w/interbed Sd, Sh & Lm	Strawn	9845
Wolfcamp	9455	9845	Limestone Sh	Atoka	10,214
Strawn	9845	10214	Lmstone & Sh	Morrow	10,754
				Barnett	11,143

32. Additional remarks (include plugging procedure):

Atoka 10214-10754 - Limestone & Sh w/scattered Sd lenses
Morrow 10754-11143 Sd & Sh, water sd 11,058-11085
Barnett 11,143-11,268 Sh

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. 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) Bonnie Husband

Title Production Analyst

Signature

Bonnie Husband

Date 08/25/2003

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Potts Fed #3

Sec. 22, T20S, R27E

Eddy County, New Mexico

LEASE & WELL

(Give Unit, Section, Township and Range)

OPERATOR

SAGA PETROLEUM 415 W. WALL, STE 1900 MIDLAND, TEXAS 79701

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
1/2 193	1/4 3559	2 6236	3 7580	1/2 9327
1 1/2 509	1 4098	1 3/4 6331	4 7634	3/4 9538
1 1/4 757	1 3/4 4316	1 3/4 6428	3 1/2 7784	1/2 9724
2 1/4 1068	2 4511	1 3/4 6524	2 1/2 7944	1/2 10035
2 3/4 1287	2 4631	2 6687	2 1/2 8031	2 10377
3 1/4 1357	2 1/4 4760	2 6716	2 3/4 8157	1 3/4 10563
2 3/4 1521	2 1/4 4857	2 1/4 6807	2 8219	1 1/2 11216
2 1583	2 4953	1 3/4 6900	1 3/4 8311	
1 1/4 1686	2 5050	1 1/2 6993	1 1/4 8403	
1/4 1874	1 3/4 5146	1 1/4 7086	1 1/4 8529	
1 1/4 2091	1 5243	2 7180	1.5 8625	
1 2246	1 1/2 5339	1 1/4 7271	1 8749	
1 1/4 2403	1 5435	1 1/2 7363	1.25 8872	
3/4 2558	1 5657	1 1/4 7456	1.5 8969	
1/2 3066	1/2 5850	2 3/4 7549	1 9062	

Drilling Contractor

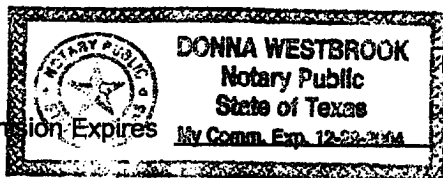
Nabors Drilling USA, LP

By

Don Nelson

Don Nelson-District Drilling Superintendent

Subscribed and sworn to before me this 19th day of August, 2003



Donna Westbrook
Notary Public

Notary Public

My Commission Expires

My Comm. Exp. 12-22-2004

MIDLAND

County

TEXAS