

UNITED STATES
DEPARTMENT OF THE INTERIOR **OCD-HOBBS**
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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 Drilled out CIBP & DH commingled

2. Name of Operator
Latigo Petroleum, Inc.3. Address
P.O. Box 10340 Midland TX 79702-73403.a Phone No. (Include area code)
(432)685-8229

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

At Surface Unit Ltr G, 1400' FNL & 2280' FEL

At top prod. interval reported below

At total depth

14. Date Spudded
11/08/200615. Date T.D. Reached
11/20/200616. Date Completed
☐ D & A ☒ Ready to Prod.
11/20/20065. Lease Serial No.
NMLC064118

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

E. C. Hill "B" Federal 18

9. API Well No.
30-025-3349310. Field and Pool, or Exploratory
Paddock-Blinebry: Tubb-Drinkard11. Sec., T., R., M., on Block and
Survey or Area Sec 34, T23S, R37E12. County or Parish
Lea13. State
NM17. Elevations (DF, RKB, RT, GL)*
3275'18. Total Depth: MD 6650'
TVD19. Plug Back T.D.: MD 6582'
TVD20. Depth Bridge Plug Set: MD
TVD

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

22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#		1145'		630 sx PP			Circ 45 sx
7-7/8"	5-1/2"	14/15.5#		6650'		1755 sx PP		1430' CBL	Circ 64 sx

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6363'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Paddock	5116	5166	5116-5166			Open
B) Upper Blinebry	5278	5788	5278-5788			Open
C) Drinkard / <u>Tubb</u>	6301	6399	6301-6399			Open
D)						

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

Depth Interval	Amount and Type of Material
5116-5166	Acidz w/1500 g. 15% NEFE HCL + 40 BS
5278-5788	Acidz w/1500 g. 15% NEFE HCL + BS
6301-6426	Acidz w/1500 g. 15% NEFE HCL + BS

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
12/18/00	12/15/06	24	→	24	192	153			Pump
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				8000	Producing	

ACCEPTED FOR RECORD

JAN 17 2007

WESLEY W. INGRAM
PETROLEUM ENGINEER

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
8/31/96	12/15/06	24	→	24	192	153			Pump
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				8000	Producing	

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

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
11/20/06	12/15/06	24	→	24	192	153			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				8000	Producing	

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 (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

32. Additional remarks (include plugging procedure):

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

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological 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) Lisa HuntTitle Regulatory Analyst

Signature

Lisa HuntDate 01/08/2007

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.

E. C. HILL "B" FEDERAL #18
 1400' FNL & 2280' FEL
 Sec. 34, Unit Letter G, T23S, R37E
 Lea County, New Mexico

TD: 6650'

GL Elev 3275'
 KB Elev 3287'
 API #: 30-025-33493

12-1/4" Hole

8-5/8" 24# J55 ST&C @ 1145'
 Cmt'd w/630 sx
 Circ'd 45 sx

7-7/8" Hole

5-1/2" 15.5# J55 LT&C @ 6650'
 Cmt'd (1st stg) w/525 sx, DVT @ 4404'
 Circ'd 64 sx
 Cmt'd (2nd stg) w/1230 sx
 CBLTOC @ 1430'

PBTD 6582'
 TD 6650'

Completion Data

8/14/96 D.O. DVT

Perf(Lower Abo): 6458'-69' (2 JSPF)

Acid: 1000 g. 15% NEFE HCL, AIR-4, ATP-3408, Pmax-4000(ball out)

ISIP-1939, 15"-1396, slight fluid entry w/no hydrocarbons

Perf(Upper Abo): 6418'-26' (2 JSPF)

Acid: 1000 g. 15% NEFE HCL, AIR-4.3, ATP-3201, Pmax-4000(ball out)

ISIP-1220, 15"-535, swab back 82 over load w/2% oil cut & weak gas

Perf(Drinkard): 6301'-03', 06', 13'-17', 21'-23', 25', 30', 36', 63'-65', 75'-84', 93', 99' (1 JSPF)

Acid: 1500 g. 15% NEFE HCL + 45 BS's, AIR-4.5, Pmax-3337(gooq ball action)

ISIP-1239, 15"-650, swab & kick well off flw'd 16 bopd, 260 bwpd, 50 mcf, FTP-40, 1" ck

Set CIBP @ 6230'

Perf(L. Blinebry): 5597', 602', 03', 06', 09'-11', 24', 25', 27', 28', 31'-34', 5708', 44'

761'-70', 88' (3 JSPF - 84 holes)

Acid: 3000 g. 15% NEFE HCL + 135 BS's, AIR-5.7, ATP-3096

ISIP-1300, 15"-1021, swab & kick well off flw'd 16 bopd, 260 bwpd, 50 mcf, FTP-40, 1" ck

Frac: 43,600 g. 25# Delta Frac + 82,411# 16/30 sd, AIR-46, ATP-1670, 4 ppg max

ISIP-1827, 15"-1041, set RBP @ 5530'

Perf(U. Blinebry): 5278', 82', 84', 91'-96', 5319'-21', 25'-27', 30'-35', 38', 49'-51', 54', 85'-88',

5402'-06', 27', 28' (3 JSPF - 111 holes)

Acid: 3000 g. 15% NEFE HCL + 120 BS's, ball action from 1300#-1600#

Frac: 54,796 g. 25# Delta Frac + 125,300# 16/30 sd, AIR-45, ATP-1600, 6 ppg max

Pmax-4200', well screened out when 6 ppg sd hit formation

C.O., rtrv RBP, run after frac log & set pkr @ 5191'

IP(9/13/96): 62 bopd, 205 bwpd, 170 mcf

10/19/00 **Perf(Paddock):** 5048'-64', 5115', 29', 36', 37', 41', 49'-54', 58'-66' (1 JSPF-37 holes)

Acid: (5115'-66') 2500 g. 15% NEFE HCL + BS's, ATP-2775, AIR-5, ISIP-1020, 10"-0

Swab 16 bf over load w/25% oil cut & very good gas, FFL-2900 ffs

Acid: (5048'-64') 2500 g. 15% NEFE HCL, ATP-2810, AIR-5, ISIP-1200, 15"-vac

Swab 95 bf during day w/5% oil cut, FFL-2400 ffs, reset RBP @ 5240' & POB

Test: 0 bopd, 107 bwpd, 46 mcf w/FL 104 JFS

Sqz: (5048'-64') below rtnr @ 4977' w/125 sx, DO & test good, reset RBP @ 5240'

Acid: (5115'-66') 2000 g. 15% NEFE HCL, ATP-2800, AIR-4.6, ISIP-950, 3"-vac

Swab w/10% oil cut, put Paddock on pump making 12 bopd, 32 bwpd, 100 mcf

Acid: (5115'-66') 10000 g. 28% SXE + 40 BS's, ATP-2000+, AIR-5, ISIP-vac, balled out

Test(1/2/01): (5115'-66') 39 bopd, 24 bwpd, 176 mcf

11/8/06 Wash down to & DO CIBP @ 6230' & CO to 6582'(PBTD)

Acid: (6301'-6426') 1500 g. 15% NEFE HCL + BS's, MTP-1282, broke to 0# when acid hit

Acid: (5278'-788') 1500 g. 15% NEFE HCL + BS's, MTP-1200, broke to 0# when acid hit

Acid: (5116'-66') 1500 g. 15% NEFE HCL + 40 BS's, MTP-1000, broke to 0# when acid hit

Follow each acid stg w/2 drums scale inhibitor in 30 bw (total 6 drums), HWO

DVT @ 4404'

5048'-64'(U. Paddock) sqz'd

5116'-66'(L. Paddock)

5278'-5428'(U. Blinebry)

5597'-5788'(L. Blinebry)

6301'-99'(Drinkard)

6418'-26'(Abo)