

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐

4. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REPAIR ☐

5. Name of Operator

W. B. Hamilton Estate

6. Address of Operator

1220 Hamilton Bldg., Wichita Falls, Texas 76301

7. Location of Well

8. LOCATION LETTER L LOCATED 2170 FEET FROM THE South LINE AND 590 FEET FROM

9. Direction

West LINE OF SEC. 16 TWP. 25N RGE. 8W

10. Date Spudded

16. Date T.D. Reached

17. Date Compl. (Ready to Prod.)

18. Elevations (DF, RKB, RT, GR, etc.)

19. Elev. Casinghead

1-24-84

2-2-84

2-21-84

6484 GR

6496 RKB

6483

20. Total Depth

6650 KB

21. Plug Back T.D.

6602 KB

22. If Multiple Compl., How Many

23. Intervals Drilled By

0-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name

Gallup 5510 to 5964 Dakota (Graneros) 6378 to 6388

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

DILL-CNL-FDC-CBL-GR-CCL

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	266 KB	12-1/4	150 Sks (177 c.f. Class B 2% CC 1/4# floccle. Circ.	
5-1/2	17	6650	7-7/8	See attachment A	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	6410	

31. Perforation Record (Interval, size and number)

See Attachment A

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
See Attachment A	

33. PRODUCTION

34. Date First Production	35. Production Method (Flowing, gas lift, pumping - Size and type pump)	36. Well Status (Prod. or Shut-in)
2-21-84	Swabbing	Shut-in
37. Date of Test	38. Hours Tested	39. Choke Size
2-22-84	24	
40. Flow Tubing Press.	41. Casing Pressure	42. Calculated 24-Hour Rate
0	500	
43. Oil - Bbl.	44. Gas - MCF	45. Water - Bbl.
148	25	50 LW
46. Oil - Bbl.	47. Gas - MCF	48. Water - Bbl.
148	25	50 LW
49. Oil Gravity - API (Corr.)		
46		

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

Vented

Test Witnessed By

Dave Simmons

51. List of Attachments

Attachment A: Cement record, perforations and stimulation record

52. 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.

SIGNED [Signature] TITLE Asst. Dir.DATE 2-24-84

ATTACHMENT A

W. B. Hamilton Estate
1-16 State
NW/4, SW/4, Sec. 16, T25N, R8W
San Juan County, New Mexico

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MAR 01 1984
OIL CON. DIV.
DIST. 3

Cementing Record: 5-1/2" Production String

Ran total of 178 joints 5-1/2" 17#, K55 and N80 casing.
Ran 87 joints N80 (3,767.83' measured threads off); Ran
91 joints K55 (2,881.47' measured threads off), total
length of pipe ran was 6,649.30' with 5' of float equipment
for a total of 6,654.30'. Set at 6,650' KB.

Cemented first stage with 300 sacks Class "B" with 8# salt,
6-1/4# per sack gilsonite, 1/4# per sack flocele, and 2%
calcium chloride. (405 cu. ft.)
Preceded cement with 500 gallons flo-chek.
Circulation good throughout first stage. Plug down at 6:00
AM. Bumped plug with 1700 psig. Checked float. Held.

Opened Stage tool at 4646' KB. Circulated between stages
three hours. Cemented second stage as follows: 400 sacks *class B*
65/35 poz. w/ 12% gel and 10# per sack gilsonite, (960 cu. ft.)

class B 200 sacks 65/35 poz. w/ 6% gel and 10# per sack gilsonite,
(424 cu. ft.) and 100 sacks Class "B" with 2% calcium chloride. *118 cu. ft.*
Preceded second stage with 500 gallons flo-chek.
Circulation good throughout second stage.
Plug down at 10:00 AM 2-4-84. Bumped plug with 2500 psig.
Checked float. Held.

Dakota Perforation Record and Stimulation:

6278 to 6388 with 12, 0.32" holes

Fracture treated down casing with 40# cross-linked gel water
and 20/40 sand as follows:

20,000 gallons pad
15,000 gallons w/ 1# 20/40
20,000 gallons w/ 1-1/2# 20/40
10,000 gallons w/ 2#
6,500 gallons 1% KCL Flush.

Total of 65,000# 20/40 sand in 71,500 gallons gel water.

Gallup Perforations and Stimulation:

5510	5698	5750	5858
5550	5704	5760	5932
5654	5714	5768	5948
5658	5720	5778	5960
5670	5740	5800	5964
5688	5746	5830	

Total of 23 holes.

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MAR 01 1984
OIL CON. DIV.
DIST. 3

Fracture treated Gallup Formation with 70 Q Foam as follows:

30,000	gallons foam	PAD	
10,000	gallons foam	w/ 1/2# 20/40	sand
30,000	gallons foam	w/ 1#	sand
40,000	gallons foam	w/ 1-1/2#	sand
10,000	gallons foam	w/ 2#	sand
20,000	gallons foam	w/ 3#	sand
6,500	gallons foam	Flush	

Total sand 200,000# 20/40 in 146,500 gallons foam. (1046 bbls water)