

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. AUTRY C. STEPHENS 110 N. Marienfeld, Suite 200 Midland, Texas 79701		² OGRID Number 1329
		³ API Number 30-025-28952
⁴ Property Code 23334	⁵ Property Name ANDERSON RANCH UNIT	⁶ Well No. 19

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	16S	32E	L	2080	South	600	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 "1710" Anderson Ranch Penn					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4290'
¹⁶ Multiple N	¹⁷ Proposed Depth 11,500'	¹⁸ Formation Strawn	¹⁹ Contractor R&H Well Service	²⁰ Spud Date 5/21/98

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
7 7/8"	4 1/2"	11.6#	11,500'	450	9000'
	Liner		-9000'		

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- | | | |
|--------------------------------------|------------------------------|------------------------|
| 1. Locate well on surf. | 9. Sqz perf 9715-34' | 15. Perf 11,348' - 56' |
| 2. Test/replace deadmen. | 10. WOC & drill out | 16. Acidize 2000 gals |
| 3. Dig out well csg. top. | 11. Drill into open hole | 20%. |
| 4. Cut off 5 1/2" csg. cap. | 10,500', below 5 1/2" | 17. Swab test. |
| 5. Weld on 5 1/2" csg stub. | csg to 11,500' | 18. Complete if com- |
| 6. Install 9 5/8 x 13 3/8" wellhead. | 12. Run 4 1/2" liner 11,500' | mercial. |
| 7. Install 5 1/2" x 9 5/8" head. | to 8,900'. | 19. P&A if non-com- |
| 8. Drill out cmt plugs as shown | 13. Cmt. w/450 sx "H" | mercial. |
| on attachment. | 14. Clean to 11,470' | |

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Title:

Brad Bates

Petroleum Engineer

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

MAY 26 1998

Expiration Date:

915-687-1575

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-28952	² Pool Code 1710	³ Pool Name Anderson Ranch Penn
⁴ Property Code 23334	⁵ Property Name Anderson Ranch Unit	⁶ Well Number 19
⁷ OGRID No. 1329	⁸ Operator Name Autry C. STephens	⁹ Elevation 4324' KB

¹⁰ Surface Location


UL or lot no. L	Section 11	Township 16S	Range 32E	Lot Idn L	Feet from the 2080'	North/South line South	Feet from the 600'	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

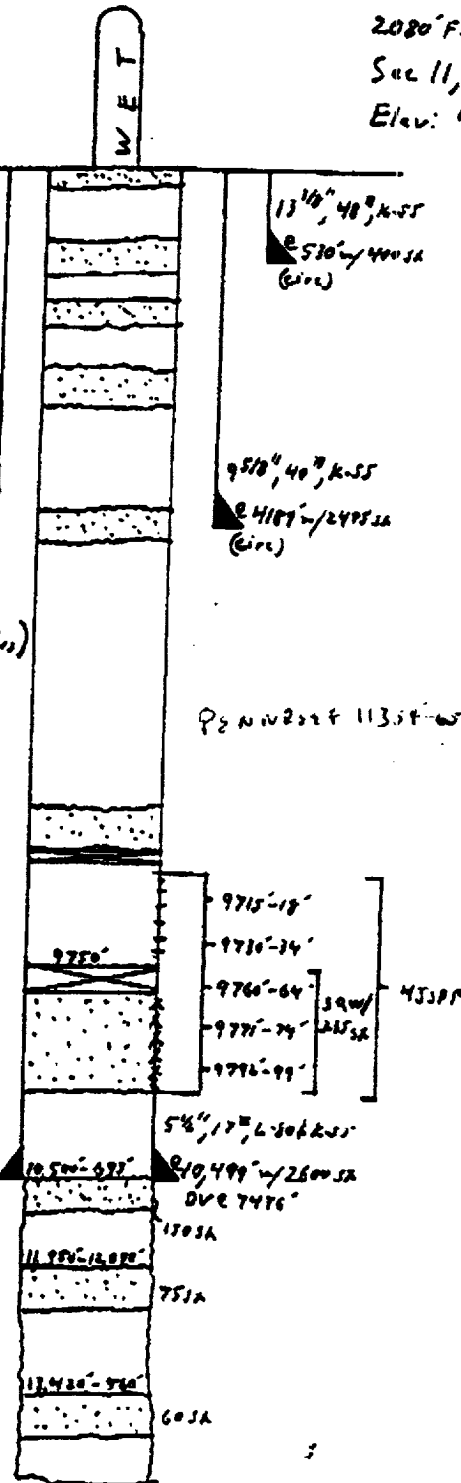
16					17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Brad Bates Printed Name Petroleum Engineer Title 5/20/98 Date
18					SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

2080' FSL & 660' FWL
 Sec 11, T-16S, R-32E
 Elev: 4298'64

Completion History:

1-7-85: Spud
 3-7-85: Complete TD: 13,700', PB: 10,500'
 Perf (WC) 9715'-18', 30'-34', 60'-64', 71'-74', 92'-99'
 Set OPE 9836', Sub 9790'-99' (39 BW)
 Set OPE 9784', Sub 9760'-74' (680, 113 BW 54 BW)
 Sub 9771'-74' (200 + 36 BW 34 BW)
 Set OPE 9769', Sub 9760'-64' (61 BW 74 BW)
 Set OPE 9756', Sub 9730'-74' (680, 38 BW)
 Set OPE 9737', FI 9715'-18' (76 BW, 480, 330 54 BW)
 Acid 9792'-99' w/ M₂ 100% H₂O
 Acid 9760'-74' w/ M₂ 100% H₂O
 CAC shows channeling to 9899'
 5-31-85: Set cement 9750', SQ 9760'-99' w/ 235 SX
 DO cement 9708'-9750'
 Perf (WC) 9715'-18', 30'-34', Sub 8-10' w/ 1
 Test pump 280 + 350 BW
 8-10-85: Install sub pump, 260000 + 140000 BW
 10-30-85: Pump 48 BW + 1874 BW 3257' sub
 7-23-86: Set CLOPE 9697', TA 70000 + 20000 BW
 6/87: PA

Employs C 0'-50'
 505'-555'
 1305'-1405'
 2380'-2480'
 4184'-4214'
 9597'-9697'



T. Sub: 1390'
 B. Sub: 2355'
 Yaw: 2505'
 7A: 2795'
 Queen: 3380'
 San And: 4180'
 Gloriana: 5655'
 Tubb: 6850'
 Drink: 7055'
 Abo: 7580'
 Wolfcamp: 8885'
 Cisco: 10,645'
 Miss: 13,385'
 Devian: 13,515'

Wolfcamp

JDV

Checked and
 Calculation Sheet

2-27-90

Anderson Ranch Unit No 19

NM

TOTAL P.003