

COMPANY <i>Merit Energy Co</i>		PROPERTY NAME <i>Burton Flat</i>	WELL NO. <i>3</i>
DATE	LOCATION (ULSTR) <i>Ut. P 1-21-27</i>	FOOTAGE <i>2970 FS + 990 FEL</i>	
API NO. <i>30-015-25555</i>		POOL <i>Avalon - Bone Spring</i>	

BEFORE EXAMINER	
OIL CONSERVATION DIVISION	
<i>OCD</i>	EXHIBIT NO. <i>10</i>
CASE NO: <i>12279</i>	

CASING RECORD:

*13 3/8 c 542 w/500 sx CIRC*

*17 1/2" hole*

*10 3/4 c 1447 w/450 sx Tag cmf*

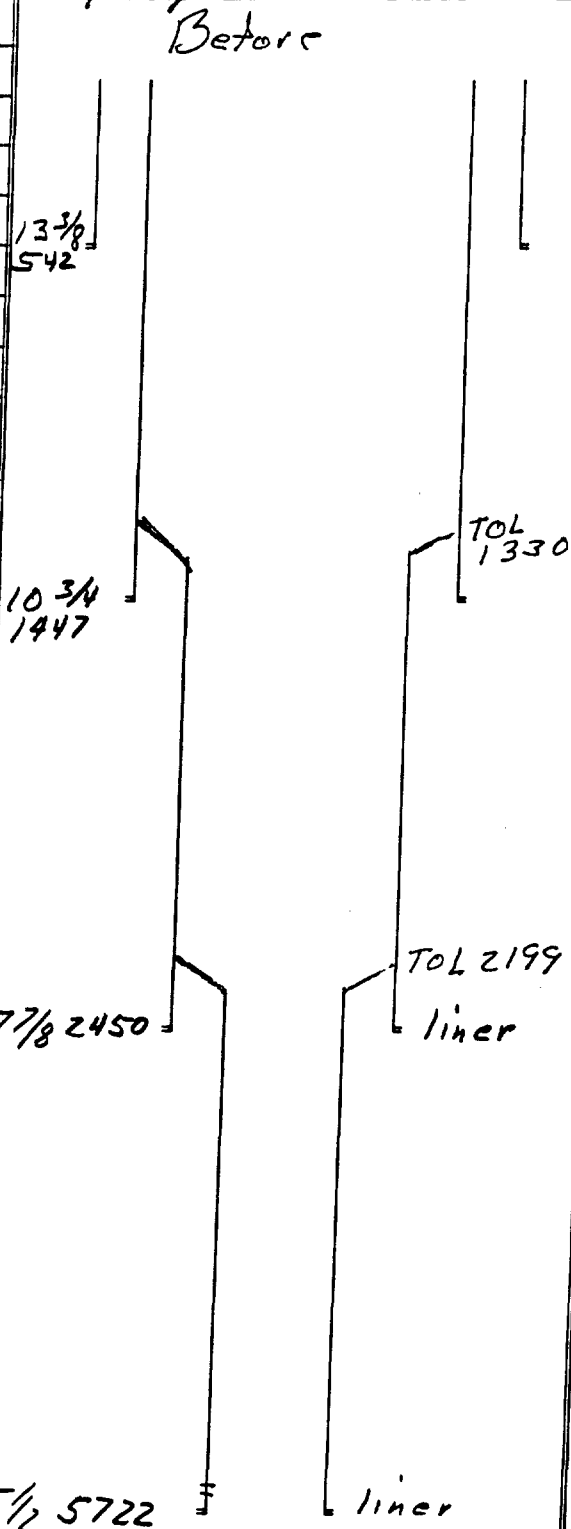
*1440' circ/w/1" 12 1/4 hole*

*7 5/8 c 1230-2450 w/400 sx  
9 7/8 hole (Liner)*

*5 1/2 c 2199-5722 w/540 sx  
6 3/4 hole*

*TD 5722 PBTD 5708*

*Perts 5631 Bone Spring*

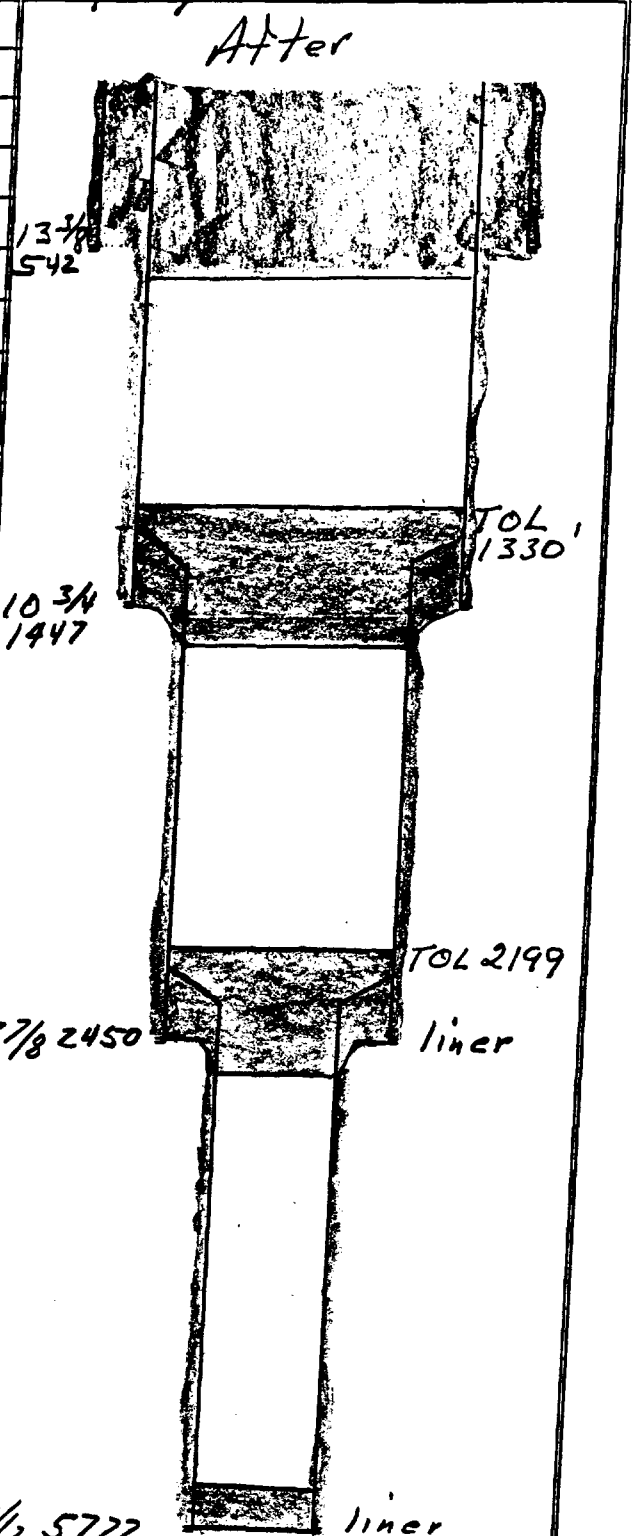


COMPANY <b>Merit Energy Co</b>	PROPERTY NAME <b>Burton Flat</b>	WELL NO. <b>3</b>
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DATE	LOCATION (ULSTR) <b>Ut. P 1-21-27</b>	FOOTAGE <b>2970 FS + 990 FEL</b>
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API NO. <b>30-015-25555</b>	POOL <b>Avalon - Bone Spring</b>
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1. Spot a 50 sx plug @ 5650' w/oc & tag
2. Spot a plug from 2500' to 2150' & tag
3. Spot a plug from 1500' to 1280' & tag
4. Spot a plug from 600' to surface.
5. Hole shall be loaded between plugs with mud @ 25lb per bbl of brine
6. Cut anchors, clean & level location
7. Set PMA marker.



**CASING RECORD:**

13 3/8" @ 542 w/500 sx circ  
17 1/2" hole

10 3/4" @ 1447 w/450 sx Tag cmt  
1440' circ/w/1" 12 1/4" hole

7 5/8" @ 1230-2450 w/400 sx  
9 7/8" hole (Liner)

5 1/2" @ 2199-5722 w/540 sx  
6 3/4" hole

TD 5722 PBTD 5708

Perts 5631 Bone Spring

Cherry Canyon 3016

Delaware 2866

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

GARY E. JOHNSON  
GOVERNOR

JENNIFER SALISBURY  
CABINET SECRETARY

June 12, 1997

Merit Energy Co.  
12222 Merit Dr, Ste 1500  
Dallas TX 75251

Re: Properly Abandoned Wells, Merit Energy, Burton Flat #1, 2 & 3  
in Sec 1-T21-R27E, Eddy County, New Mexico

Dear Sirs

The state of New Mexico is in the process at this time of reviewing  
leases and determining the number of abandoned wells.

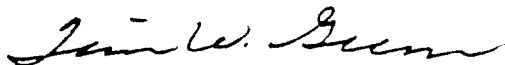
Rule 201 A. states the operator of any well drilled for oil, gas or  
injection, for seismic, core or other exploration, or for a service  
well, whether cased or uncased, shall be responsible for the plugging  
thereof.

Rule 201 B. states a well shall be either properly plugged and abandoned  
or temporarily abandoned in accordance with these rules with 90 days after  
(1) a 60 day period following suspension of drilling. (2) a determination  
that the well is no longer usable for beneficial purposes. (3) a period of  
1 year in which a well has been continuously inactive.

House Bill 65 has been passed by the legislature and provides some tax  
incentives for wells put back in production. However, if there are no plans  
to put these wells back in service then they need to be either plugged or  
properly temporarily abandoned.

Our records show no production reported on the above mentioned wells for 1994,  
1995, 1996 and 1997. Please forward to the NMOCDD office in Artesia by July 15,  
1997 a plan to bring the wells into compliance with rule 201.

Yours Truly



Tim W. Gum  
District II Supervisor

Subpart 5 Cores  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

NOV 2 '90

O.C.D.  
DISTRICT II, OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Merit Energy Company	Well API No.
Address 12221 Merit Drive, Suite 1040, Dallas, Texas 75251	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	EFFECTIVE 11/01/90
If change of operator give name and address of previous operator Bridge Oil Company, L. P., 12377 Merit Dr., Suite 1600, Dallas, TX 75251	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Burton Flat	Well No. 3	Pool Name, including Formation E. Avalon - Bone Spring	Kind of Lease State, Federal or <u>Fee</u>	Lease No.
Location Unit Letter <u>P</u> : <u>2970</u> Feet From The <u>S</u> Line and <u>990</u> Feet From The <u>E</u> Line Section <u>1</u> Township <u>21S</u> Range <u>27E</u> , <u>NMPM</u> , <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

SCURLOCK PERMIAN CORP EFF 9-1-91

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> The Permian Corp.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183, Houston, TX 77001					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips 66 Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2105, Hobbs, NM 88240					
If well produces oil or liquids, give location of tanks.	Unit <u>0</u>	Sec. <u>1</u>	Typ. <u>21S</u>	Rge. <u>27E</u>	Is gas actually connected? <u>Yes</u>	When ?

If this production is commingled with that from any other lease or pool, give commingling order number.

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Bonnie C. Shea  
Signature  
Bonnie C. Shea V.P. Finance  
Printed Name  
11-1-90  
Date  
(214) 701-8377  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved NOV 7 1990

By ORIGINAL SIGNED BY  
MIKE WILLIAMS  
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-73  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
Petrus Oil Company, L. P.

Address  
12377 Merit Drive, Suite 1600 Dallas, Texas 75251

Reason(s) for filing (Check proper box) Other (Please explain)

☐ New Well ☐ Change in Transporter of: ☐ Oil ☐ Dry Gas

☐ Recompletion ☐ Casinghead Gas ☐ Condensate

☒ Change in Ownership

EFFECTIVE 06-01-88.

If change of ownership give name and address of previous owner Mobil Producing TX & NM Inc., 9 Greenway Plaza, Suite 2700 Houston, Texas 77046

II. DESCRIPTION OF WELL AND LEASE

Lease Name BURTON FLAT	Well No. 38	Pool Name, including Formation AVALON-BONE SPRING, <del>EST</del>	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter P	2970	Feet From The S	Line and 990	Feet From The E
Line of Section 1	Township 21S	Range 27E	NMPM.	Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
The Permian Corp.	P. O. Box 1183, Houston, TX 77001	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Phillips 66 Natural Gas Co.	P. O. Box 2105, Hobbs, NM 88240	
If well produces oil or liquids, give location of tanks.	Unit 0	Sec. 1
	Twp. 21S	Rge. 27E
	Is gas actually connected? Yes	

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Suzann Welch Suzann Welch  
(Signature)  
Regulatory Coordinator  
(Title)  
07-14-88  
(Date)

OIL CONSERVATION DIVISION

APPROVED JUL 27 1988, 19  
BY Mike Williams  
TITLE SUPERVISOR, DISTRICT 11

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviatric tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiple completed wells.

**C-116**  
**Revised 1-1-93**

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 13.625 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

Bladys M. Aubert  
(Signature)  
Authorized Agent

**(TMD)**

OIL CONSERVATION DIVISION

Drawer DD                      Artesia, N.M.

DISTRICT OFFICE    II

September thru December 1986  
NO. 2053 N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE October 24, 1986

PURPOSE ALLOWABLE ASSIGNMENT - NEW WELL

Effective October 1, 1986 an allowable of 13 barrels of oil per day is hereby assigned to Mobil Producing Texas & New Mexico Inc.,  
Burton Flat #3-P-1-21-27 in the East Avalon Bone Spring Pool.

L - P

MP - P

Oct. Total - 403 bbls.  
Nov. Total - 390 bbls.  
Dec. Total - 403 bbls.

Fmtn. - Bone Spring  
Perf. - 5631-5645  
TD - 5722  
Comp. - 7-18-86

LAC/mm

Mobil Prod. Tx. & N.M. Inc.

PER  
PP

OIL CONSERVATION DIVISION

  
DISTRICT SUPERVISOR

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Re
		X	X						
Date Spudded 5-31-86	Date Compl. Ready to Prod. 7-18-86			Total Depth 5722			P.B.T.D. 5708		
Elevations (DF, RKB, RT, GR, etc., KB-3204	Name of Producing Formation Bone Spring			Top Oil/Gas Pay 5631			Tubing Depth SN @ 5606		
Perforations 5631-5645							Depth Casing Shoe		

#### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2	13 3/8	542	500 sx
12 1/4	10 3/4	1447	450 sx
9 7/8	7 5/8	1230-2450	400 sx
6 3/4	5 1/2	2199-5722	540 sx

#### V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top of cable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 7-18-86	Date of Test	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls. 13	Water - Bbls. 3	Gas - MCF 332

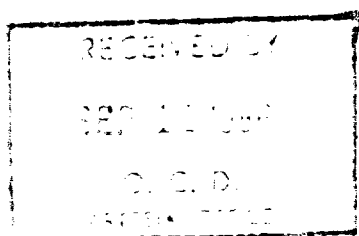
#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate 40.1 @ 60°
Testing Method (prior, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size



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ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Mobil Producing TX & NM Inc. ✓

Address 9 Greenway Plaza, Suite 2700, Houston, TX 77046

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> casinghead Gas	<input type="checkbox"/> Condensate

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Burton Flat</u>	Well No. <u>3</u>	Pool Name, including Formation <u>E. Avalon - Bone Spring</u>	Kind of Lease <u>State, Federal or Fee Fee</u>	Lease No. _____
Location				
Unit Letter <u>P</u>	<u>2970</u>	Feet From The <u>South</u>	Line and <u>990</u>	Feet From The <u>East</u>
Line of Section <u>1</u>	Township <u>21S</u>	Range <u>27E</u>	<u>NMPM</u>	Eddy Count

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>The Permian Corp Permian (Eff. 9 / 1 / 87)</u>	<u>Box 1183, Houston, TX 77001</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips 66 Natural Gas Co.</u>	<u>Box 2105, Hobbs, NM 88240</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. is gas actually connected? When
<u>0 1 21 27</u>	<u>Yes 9-3-86</u>

*Post ID  
10-21-86*

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Nancy Lewis  
(Signature)

Authorized Agent

9-8-86

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED OCT 24 1986, 19

BY Original Signed By

Les A. Clements

TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiphase completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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\*\*\* CORRECTED REPORT \*\*\*

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDARY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- 2. Name of Operator Mobil Producing TX & NM Inc. 3. Address of Operator 9 Greenway Plaza, Suite 2700, Houston, TX 77046 4. Location of Well UNIT LETTER <u>P</u> <u>2970</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>1</u> TOWNSHIP <u>21-S</u> RANGE <u>27-E</u> NMPM. 15. Elevation (Show whether DF, RT, GR, etc.) GR - 3191	7. Unit Agreement Name 8. Farm or Lease Name Burton Flat 9. Well No. 3 10. Field and Pool, or Wildcat E. Avalon - Bone Spring 12. County Eddy
---	---

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

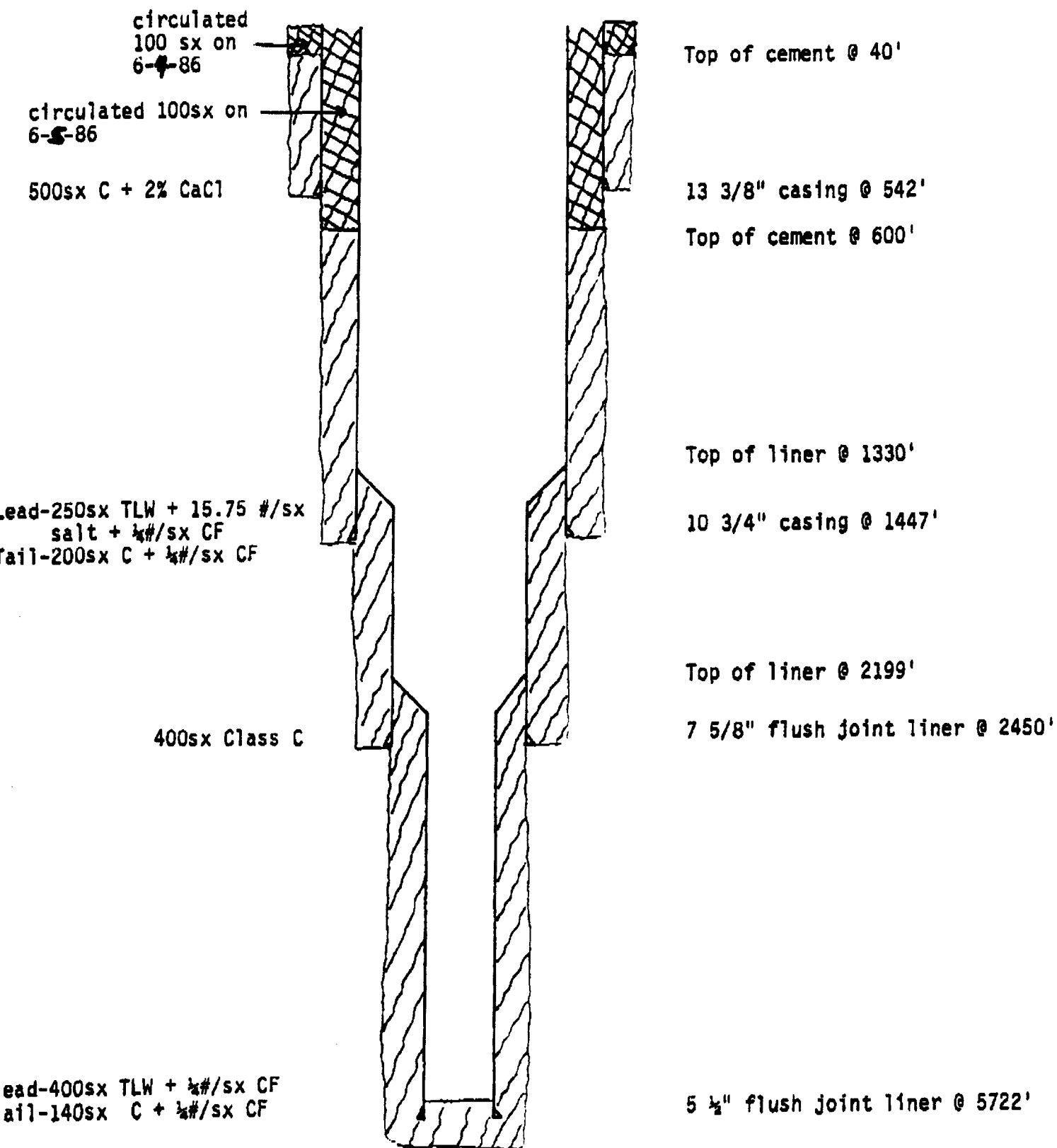
5-31-86 MIRU Rod Ric #10, SPUD & TD 17½" hole.  
6-1-86 RIH w/13 jts 13-3/8" 54.5# buttress csg w/5 centl, cmt @ 542 w/500 sx C (915 cf), did not circ (see report for 6-4-86), tst csg 1500#-30 min-OK, WOC 18 hrs, TOC @ 40'.  
6-2-86 Drlg new form.  
6-3-86 TD 12½" hole.  
6-4-86 RIH w/35 jts 10-3/4" 40.5# buttress csg w/7 centl, cmt on btm @ 1447 w/250 sx TLW + 200 sx C Neat (718 cf), did not circ (see report for 6-5-86). tst csg 1500#-30 min-OK, WOC 18 hrs, Toc @ 600'.  
Pump 100 sx C (132 cf) down 1" tbg between 17½" hole and 13-3/8" csg, circ to surf.  
6-5-86 Pump 100 sx C (132 cf) down tbg between 13-3/8" csg and 10-3/4" csg, circ to surf. (SEE REVERSE)

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

Signed Nancy Lewis TITLE Authorized Agent DATE 10-20-86  
APPROVED BY Les H. Clement TITLE SUPERVISOR, DISTRICT II DATE OCT 24 1986  
CONDITIONS OF APPROVAL, IF ANY:

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

# Burton Flat #3 Well Schematic



## DRILLING SUMMARY

| <u>MORNING REPORT<br/>DATE</u> | <u>DAY</u> | <u>NARRATIVE</u>  |
|--------------------------------|------------|---|
| 6/1/86                         | 1          | Drilling with a 17 1/2" bit to 542'.  |
| 6/2/86                         | 2          | Set 13 3/8" casing at 542'. Cement with 500 sacks of Class 'C' + 2% CaCl. Bumped the plug. Cement did not circulate to surface.   |
| 6/3/86                         | 3          | Drilling with a 12 1/4" bit to 1152'.   |
| 6/4/86                         | 4          | Drilling to 1447'. Circulate and condition hole for 10 3/4" intermediate casing.  |
| 6/5/86                         | 5          | <p>Set 10 3/4" casing at 1447'. Cement with a lead slurry of 250 sacks Trinity Lite Wate + 15.75 #/sx salt + 1/4 #/sx Cellofane Flake and tailed in with 200 sx of Class 'C' + 1/4 #/sx Cellofane Flake. Bumped the plug. Cement did not circulate to surface. Ran a temperature survey and located top of cement at 600'.</p> <p>Performed a remedial 100 sack Class 'C' cement job on the 17 1/2" hole by 13 3/8" surface casing. Ran into the hole with 1" tubing down to 40' and circulated cement to surface (fixed the cement problem from day #2).</p> |
| 6/6/86                         | 6          | <p>Drilling with a 9 7/8" bit to 2435'.</p> <p>Performed a remedial 100 sx Class 'C' cement job on the 13 3/8" surface casing by 10 3/4" intermediate casing. Ran into the hole with 1" tubing down to 600' and circulated cement to surface (fixed the cement problem from day #5).</p>  |
| 6/7/86                         | 7          | Drilled a 9 7/8" hole to 2450'. Set a 7 5/8" flush joint liner from 2450-1330'. Cemented with 400 sacks of Class 'C' cement. Bumped the plug.   |
| 6/8/86                         | 8          | Drilled cement on top of liner and liner plug with 6 3/4" bit. Tested top of liner at 1500 psi for 30 minutes, pressure held. Drilled on to 2487'.  |
| 6/9/86                         | 9          | Drilling with 6 3/4" bit to 2800'.  |

MORNING REPORT  
DATE

DAY

NARRATIVE

|         |    |  |
|---------|----|--|
| 6/10/86 | 10 | Drilling with 6 3/4" bit to 3006'.   |
| 6/11/86 | 11 | Drilling with 6 3/4" bit to 3510'.   |
| 6/12/86 | 12 | Drilling with 6 3/4" bit to 4045'.   |
| 6/13/86 | 13 | Drilling with 6 3/4" bit to 4560'.   |
| 6/14/86 | 14 | Drilling with 6 3/4" bit to 5090'.   |
| 6/15/86 | 15 | Drilling with 6 3/4" bit to 5322'.   |
| 6/16/86 | 16 | Drilling with 6 3/4" bit to 5587'.   |
| 6/17/86 | 17 | Drilling with 6 3/4" bit to 5722'. Total depth. Start electric logging.  |
| 6/18/86 | 18 | Finish electric logging. Circulate and condition hole for 5 1/2" production liner. Set 5 1/2" liner at 5722-2199'. Cement with a lead slurry of 400 sacks Trinity Lite Water + 1/4 #/sx Cellofane Flake and a tail slurry of 140 sacks of Class 'C' + 1/4 #/sx Cellofane Flake. Plug did not bump due to high pump pressure. Had 6 bbls. of displacement remaining. Checked float equipment to make sure it held. Start pulling out of the hole with drill pipe and hanger tool. |
| 6/19/86 | 19 | Finish pulling out of the hole with drill pipe and hanger tool. Release rig at 2:00 P.M. 6/18/86.  |

End of Report

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
P. O. BOX 2038  
SANTA FE, NEW MEXICO 87501

Form C-105  
Revised 10-1-73

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

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  
Mobil Producing TX & NM Inc. ✓

3. Address of Operator  
9 Greenway Plaza, Suite 2700, Houston, TX 77046

4. Location of Well

UNIT LETTER P LOCATED 2970 FEET FROM THE South LINE AND 990 FEET FROM

THE East LINE OF SEC. 1 TWP. 21S RGE. 27E NMEM

15. Date Spudded 5-31-86 16. Date T.D. Reached 6-16-86 17. Date Compl. (Ready to Prod.) 7-18-86 18. Elevations (D.F., RKB, RT, GR, etc.) KB-3204 19. Elev. Casinghead 3191

20. Total Depth 5722 21. Plug Back T.D. 5708 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools X

24. Producing Interval(s), of this completion - Top, Bottom, Name 5631-5645 Bone Spring 25. Was Directional Survey Made No

6. Type Electric and Other Logs Run Sp Density-Dual Sp-Neutron, Dual Gr-Micro Gr 27. Was Well Cored No

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                 | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|----------------------------------|---------------|
| 13 3/8      | 54.5#          | 542       | 17 1/2    | 500 SX C (905 cf)                | Not Circ      |
| 10 3/4      | 40.5#          | 1447      | 12 1/4    | 250 SX TLW + 200 xc Neat (718CF) | " "           |
|             |                |           | 9 7/8     | (pmp 200 sx btwn csg to surf)    |               |
|             |                |           | 6 3/4     |                                  |               |

| LINER RECORD |      |        |                       |        | TUBING RECORD |           |            |
|--------------|------|--------|-----------------------|--------|---------------|-----------|------------|
| SIZE         | TOP  | BOTTOM | SACKS CEMENT          | SCREEN | SIZE          | DEPTH SET | PACKER SET |
| 7 5/8        | 1230 | 2450   | 400 SX C (528 cf)     |        | 2 7/8         | SN @ 5606 | TAC @ 5423 |
| 5 1/2        | 2199 | 5722   | 400 SX TLW + 140 SX C |        |               |           |            |

9. Perforation Record (Interval, size and number) (909 cf)  
Purf Bone Spring W/2 JSPF @ 5631-5645 (29 holes)  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL 5631-5645  
AMOUNT AND KIND MATERIAL USED  
Acidz W/4200 gal 7 1/2% HCL  
Acid + 58 RCNBS. SWF W/2100 gal Terra-frac T-40 W/25000  
20/40 + 10000# 12/20 Ottawa Sd.

PRODUCTION  
10. First Production 7-18-86  
Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 24' Pump  
Well Status (Prod. or Shut-in) Producing

| 11. Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|------------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 9-3-86                 | 24              |                         |                         | 13         | 332          | 3                         | 25538           |
| 12. Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
|                        |                 |                         | 13                      | 332        | 3            | 40.1 @ 60°                |                 |

Disposition of Gas (Sold, used for fuel, vented, etc.) Sold  
Test Witnessed By T. J. Auld

List of Attachments  
C-104, Logs, Inclination Report

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 Nancy Lewis TITLE Authorized Agent DATE 9-8-86

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                              |                             |                        |
|--------------------------|------------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____              | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____              | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Salt _____            | T. Atoka _____               | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____                | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____            | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____            | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____             | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____             | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____               | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____         | T. Dakota _____             | T. _____               |
| T. Blinobry _____        | T. Gr. Wash _____            | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____             | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Delaware Sand <u>2866</u> | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. Bone Springs <u>5520</u>  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. Captain Reef <u>1434</u>  | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. Cherry Canyon <u>3016</u> | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                     | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation              | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|------------------------|------|----|----------------------|-----------|
| 1434 | 2866 | 1432                 | Limestone, Dolomite    |      |    |                      |           |
| 2866 | 3016 | 150                  | Sand, Shale, Limestone |      |    |                      |           |
| 3016 | 5520 | 2504                 | Sand, Limestone        |      |    |                      |           |
| 5520 | 5722 | 202                  | Limestone, Sand        |      |    |                      |           |







STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

June 23, 1986

TONY ANAYA  
GOVERNOR

P.O. DRAWER 00  
ARTESIA, NEW MEXICO 88210  
15051 748 1283

Mobil Producing Texas & N.M. Inc.  
9 Greenway Plaza, Suite 2700  
Houston, Texas 77026

Re: Intial C-103  
Burton Flat  
#3-P-1-21-27  
East Avalon Bone Spring Pool

Gentlemen:

Your C-103 covering work on the above captioned well on 5-31-86 through 6-2-86, which covers the running and cementing of the 13 3/8" casing, does not indicate that you cemented this casing to the surface. The C-103 only indicates that the cement did not circulate. What additional cement volume was used?

Please include this information on the Form C-103 also.

Yours very truly,

  
Les A. Clements  
Supervisor District II

LAC/nm

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

RECEIVED P.O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

|   |   |
|---|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  | 7. Unit Agreement Name                                  |
| 2. Name of Operator<br>Mobil Producing TX & NM Inc.   | 8. Farm or Lease Name<br>Burton Flat                    |
| 3. Address of Operator<br>9 Greenway Plaza, Suite 2700, Houston, TX 77046   | 9. Well No.<br>3  |
| 4. Location of Well<br>UNIT LETTER <u>P</u> <u>2970</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM<br>THE <u>East</u> LINE, SECTION <u>1</u> TOWNSHIP <u>21-S</u> RANGE <u>27-E</u> NMPM. | 10. Field and Pool, or Wildcat<br>E. Avalon-Bone Spring |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>GR-3191  | 12. County<br>Lea EDDY                                  |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |   |   |   |
|--|---|---|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                          | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPER. <input type="checkbox"/>                | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/>                |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-8/15-86 Drlg  
6-16-86 TD 6-3/4" hole, Logged  
6-17-86 RIH w/71 jts 14# K55, TOL @ 2199, Cmt @ 5722 w/400 sx TLW + 140 sx C (909 cf). 5 1/2"  
6-18-86 WOC 18 hrs, RDMO Rod Ric Rig #10.

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

SIGNED Nancy Leung TITLE Authorized Agent DATE 6-25-86  
Original Signed By Les A. Clements  
APPROVED BY Supervisor District 11 TITLE  DATE JUL 1 1986  
CONDITIONS OF APPROVAL, IF ANY:

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OIL CONSERVATION DIVISION

BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

|   |   |
|---|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                | 7. Unit Agreement Name                                  |
| 2. Name of Operator<br>Mobil Producing TX & NM Inc.   | 8. Farm or Lease Name<br>Burton Flat                    |
| 3. Address of Operator<br>9 Greenway Plaza, Suite 2700, Houston, TX 77046   | 9. Well No.<br>3  |
| 4. Location of Well<br>UNIT LETTER P 2970 FEET FROM THE South LINE AND 990 FEET FROM<br>THE East LINE, SECTION 1 TOWNSHIP 21-S RANGE 27-E NMPM. | 10. Field and Pool, or Wildcat<br>E. Avalon-Bone Spring |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>GR - 3191  | 12. County<br>Eddy                                      |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |   |  |   |
|--|---|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                         | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>               | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/>                |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-5-86 Drlg, mix & pump 100sx cmt to surf.  
6-6-86 TD 9-7/8" hole, RIH w/ 30 jts 7-5/8" 26.4# K-55 FL4S w/ 5 centl,  
TOL @ 1230, cmt on btm @ 2450 w/400 sx C (528 cf), circ hole 30 min. - **LINER**  
6-7-86 WOC 18 hrs, Drlg cmt & plug, tst lnr 1500#-1/2 hr-OK, drlg new form.

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

Signed Nancy Lewis TITLE Authorized Agent DATE 6-12-86

APPROVED BY Les A. Clements TITLE Supervisor District 11 DATE JUN 23 1986  
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| OPERATOR               | <input checked="" type="checkbox"/> |

OIL CONSERVATION DIVISION

RECEIVED JYP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-7

3a. Indicate Type of Lease  
State ☐ Fee ☒  
3. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

|   |   |
|---|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-                        | 7. Unit Agreement Name                                    |
| 2. Name of Operator<br>Mobil Producing TX & NM Inc. ✓   | 8. Farm or Lease Name<br>Burton Flat                      |
| 3. Address of Operator<br>9 Greenway Plaza, Suite 2700, Houston, TX 77046                                       | 9. Well No.<br>3  |
| 4. Location of Well<br>UNIT LETTER P 2970 South 990<br>EAST 1 21S 27E<br>TNE LINE, SECTION TOWNSHIP RANGE NMPM. | 10. Field and Pool, or Wildcat<br>E. Avalon - Bone Spring |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>GR - 3191  | 12. County<br>Eddy  |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |   |  |   |
|--|---|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                         | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPER. <input type="checkbox"/>               | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/>                |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

6-3-86 TD 12¼" Hole  
6-4-86 RIH w/35 jts 10-3/4" 40.5# Buttress w/7 centl, cmt on btm @ 1447  
w/250 sx TLW + 200 sx C Neat (718 cf), did not circ, Tst 1500#/OK,  
WOC 18 hrs, Tag cmt @ 1410, Drlg new form, pmp 100sx cmt dn 1" tbq  
& circ to surf.

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

SIGNED Nancy Lewis TITLE Authorized Agent DATE 6-9-86  
Original Signed By Les A. Clements  
APPROVED BY Supervisor District II DATE JUN 23 1986  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

|                        |  |
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| OPERATOR               |  |

OIL CONSERVATION DIVISION

PO BOX 2088  
SANTA FE, NEW MEXICO 87501

RECEIVED

JUN 30 1986

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

\*Corrected Report\*

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

|  |   |
|--|---|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                         | 7. Unit Agreement Name                                  |
| 2. Name of Operator<br>Mobil Producing TX & NM Inc. ✓  | 8. Farm or Lease Name<br>Burton Flat                    |
| 3. Address of Operator<br>9 Greenway Plaza, Suite 2700, Houston, TX 77046  | 9. Well No.<br>3  |
| 4. Location of Well<br>UNIT LETTER P FEET FROM THE south LINE AND 990 FEET FROM<br>THE east LINE, SECTION 1 TOWNSHIP 21S RANGE 27E NMPM. | 10. Field and Pool, or Wildcat<br>E. Avalon-Bone Spring |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>GR-3191   | 12. County<br>Eddy                                      |

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |   |   |   |
|--|---|---|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                      | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPHS. <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input type="checkbox"/>        | OTHER <input type="checkbox"/>                |

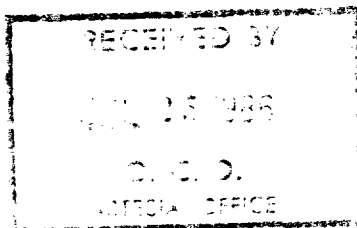
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5/31/86 MIRU Rod Ric #10, SPUD & TD 17½" hole.

6/1/86 RIH w/13 jts 13-3/8" 54.5# buttress w/5 centl, cmt @ 542 w/500 sx c \*  
(905 cf), not circ, tst csg 1500# - ok, WOC 18 hrs, Tag cmt @ 505.

6/2/86 Drlg new form

\* w/2% CACL2, Disp w/78 gal FW



RECEIVED

JUL 10 1986

PRODUCTION  
AUG 10

THIS IS NOT A  
VOLUME OF CEMENT  
AS REQUESTED BY LETTER

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

SIGNED Nancy Lewis TITLE Authorized Agent DATE 7-01-86

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

|                       |  |
|-----------------------|--|
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| LAND OFFICE           |  |
| TRANSPORTER           | <input type="checkbox"/> OIL<br><input type="checkbox"/> GAS |
| OPERATOR              |  |
| PROMOTION OFFICE      |  |

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Mobil Producing TX & NM Inc. ✓

Address 9 Greenway Plaza, Suite 2700, Houston, TX 77046

Reason(s) for filing (Check proper box)

|   |  |   |
|---|--|---|
| <input type="checkbox"/> New Well                       | Change in Transporter of:<br><input type="checkbox"/> Oil<br><input type="checkbox"/> Casinghead Gas | <input type="checkbox"/> Dry Gas<br><input type="checkbox"/> Condensate |
| <input type="checkbox"/> Recompletion                   |  |   |
| <input checked="" type="checkbox"/> Change in Ownership |  |   |

Other (Please explain) Change Operator Name from The Superior Oil Company effective 4-1-86

If change of ownership give name and address of previous owner The Superior Oil Company, 9 Greenway Plaza, Suite 2700, Houston, TX 77046

II. DESCRIPTION OF WELL AND LEASE

|   |                      |   |   |         |
|---|----------------------|---|---|---------|
| Lease Name<br><u>Burton Flat</u>  | Well No.<br><u>3</u> | Pool Name, including Formation<br><u>Avalon-Bone Spring, East</u> | Kind of Lease<br><u>State, Federal or Fee Fee</u> | Lease # |
| Location  |                      |   |   |         |
| Unit Letter <u>P</u> : <u>2970</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> |                      |   |   |         |
| Line of Section <u>1</u> Township <u>21-S</u> Range <u>27-E</u> , NMPM, <u>Eddy</u> County                  |                      |   |   |         |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|  |  |
|--|--|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/><br><u>The Permian Corporation</u>             | Address (Give address to which approved copy of this form is to be sent)<br><u>Box 1183, Houston, TX 77001</u> |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br><u>Phillips 66 Natural Gas Co.</u> | Address (Give address to which approved copy of this form is to be sent)<br><u>Box 2105, Hobbs, NM 88240</u>   |
| If well produces oil or liquids, give location of tanks.   | Unit Sec. Twp. Rge. Is gas actually connected? <u>NO</u>   |

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Nancy Lewis  
(Signature)

Authorized Agent

(Title)

6-3-86

(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 9 1986, 19

BY Original Signed By  
Les A. Clements  
TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiphase completed wells.

|   |
|---|
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| FILE <input checked="" type="checkbox"/>        |
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| LAND OFFICE <input checked="" type="checkbox"/> |
| OPERATOR <input checked="" type="checkbox"/>    |

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
 Supersedes C-101  
 C-102 and C-103  
 Effective 1-1-85

5a. Indicate Type of Lease  
 State ☐ Fee ☒  
 5. State Oil & Gas Lease No.

## SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator  
 Mobil Producing Tx. & N.M. Inc. *Johnston Oil Co.*

3. Address of Operator  
 P. O. Box 633 - Midland, Texas 79702

4. Location of Well  
 UNIT LETTER P 2970 FEET FROM THE South LINE AND 990 FEET FROM  
 THE East LINE, SECTION 1 TOWNSHIP 21 S RANGE 27 E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)  
 3191' GR

7. Unit Agreement Name

8. Farm or Lease Name  
 Burton Flat

9. Well No.  
 3

10. Field and Pool, or Wildcat  
 E. Avalon-Bone Springs

12. County  
 Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                            | SUBSEQUENT REPORT OF:                                |
|--|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/>     | REMEDIAL WORK <input type="checkbox"/>               |
| TEMPORARILY ABANDON <input type="checkbox"/>       | COMMENCE DRILLING OPNS. <input type="checkbox"/>     |
| PULL OR ALTER CASING <input type="checkbox"/>      | CASING TEST AND CEMENT JOBS <input type="checkbox"/> |
| OTHER <input type="checkbox"/>                     | OTHER <input type="checkbox"/>                       |
| PLUG AND ABANDON <input type="checkbox"/>          | ALTERING CASING <input type="checkbox"/>             |
| CHANGE PLANS * <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/>        |

### 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. \*Change Casing and Cementing Procedure

13 3/8" Csg. to be set @500, cmtd w/526 sx cmt w/est top @ surf.  
 10 3/4" Csg. to be set @1450, cmtd w/333 sk cmt w/est top @ surf.  
 7 5/8" Liner to be set @1250-2450, cmtd w/342 sk cmt w/est top @1250.  
 5 1/2" Liner to be set @2250-5700, cmtd w/311 sk cmt w/est top @2250.

BOP:  
 3000# Series Sketch Attached  
 Original application approved 1-30-86

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

SIGNED G. E. Tate G. E. Tate TITLE Env. & Reg. Manager DATE 5/23/86

Original Signed By  
Les A. Clements TITLE Supervisor District 11 DATE MAY 27 1986

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



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SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil &amp; Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL

WELL ☒

GAS

WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. Name of Operator

Superior Oil Company, The

3. Address of Operator

P.O. Box 633, Midland, TX 79702

7. Unit Agreement Name

8. Farm or Lease Name

Burton Flat

9. Well No.

3

10. Field and Pool, or Wildcat

E. Avalon, East-Bone Spring

4. Location of Well

UNIT LETTER P LOCATED 2970 FEET FROM THE south LINE

AND 990 FEET FROM THE east LINE OF SEC. 1 TWP. 21S RGE. 27E NMPM

12. County

Eddy

19. Proposed Depth

5900'

19A. Formation

Bone Spring

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

3191' GR

21A. Kind &amp; Status Plug. Bond

Active Blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

3-30-86

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17-1/2"      | 13-3/8"        | 48# Conductor   | 150' ±        | Redi-Mix        | Surface  |
| 12-1/4"      | 9-5/8"         | 47#             | 2450±         | 1342            | Surface  |
| 7-7/8"       | 5-1/2"         | 14#             | 5750' or TD   | 1375            | Surface  |

BOP:

3000# Series. Sketch Attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed G. E. Tate Title Env. & Reg. Mgr.Date 1-21-86

(This space for State Use)

APPROVED Mike Williams TITLE

OIL AND GAS INSPECTOR

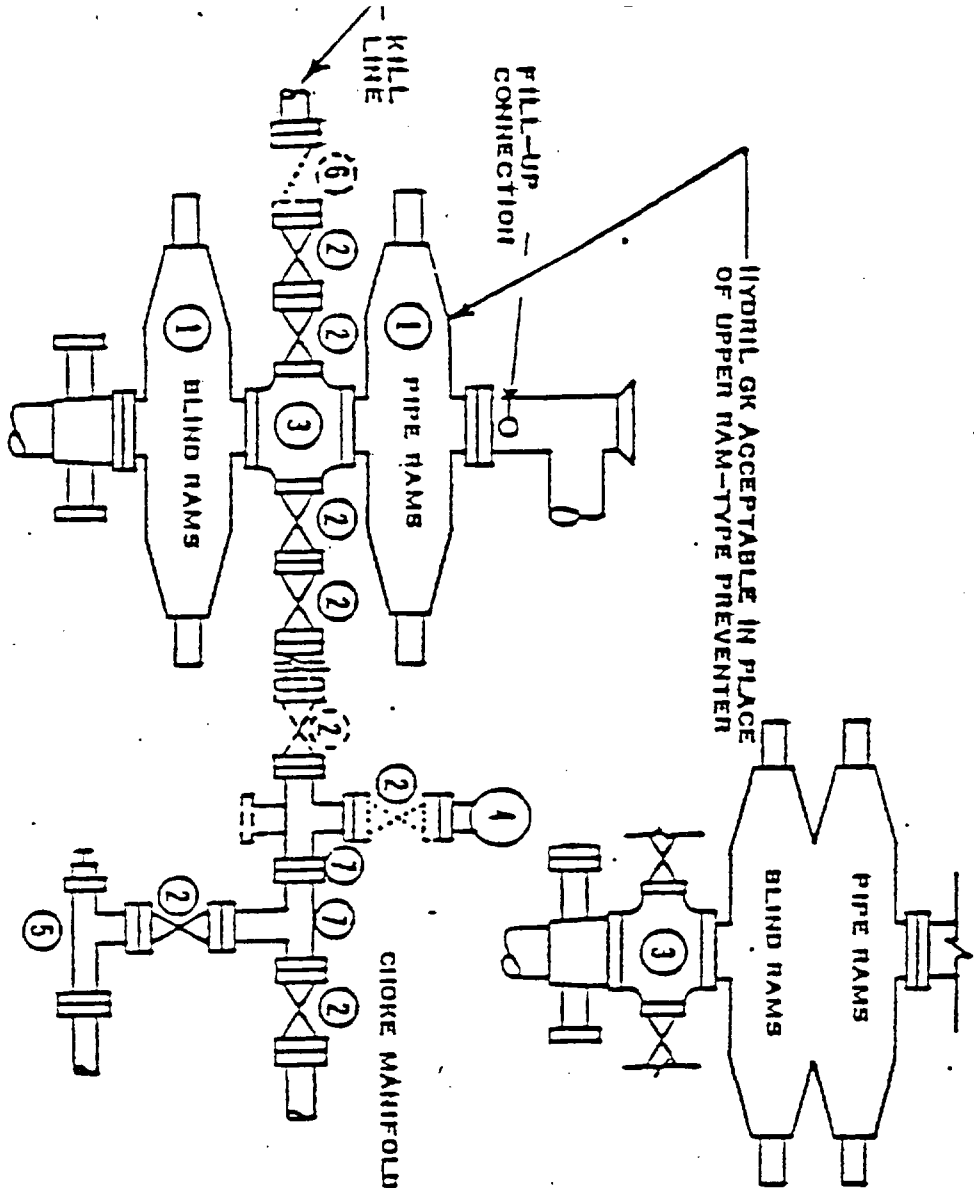
DATE

JAN 30 1986

CONDITIONS OF APPROVAL, IF ANY:

# DOUBLE PREVENTER OPTION

(6)



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL
- ④ 2" MUD PRESSURE GAUGE
- ⑤ 2" SERIES 900 CHOKER
- ⑥ 2" SERIES 900 CHECK VALVE
- ⑦ 2" SERIES 900 STEEL TEE

## NOTES:

1. 3000 PSI WP CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP HUB MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

..... OPTIONAL EQUIPMENT

3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP  
(SERIES 900 FLANGES OR BETTER)

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-79

All distances must be from the outer boundaries of the Section.

|   |                                    |                      |                      |                |                                |
|---|------------------------------------|----------------------|----------------------|----------------|--------------------------------|
| Operator<br>Superior Oil Company, The   |                                    |                      | Lease<br>Burton Flat |                | Well No.<br>3                  |
| Unit Letter<br>P  | Section<br>1                       | Township<br>21 South | Range<br>27 East     | County<br>Eddy |                                |
| Actual Footage Location of Well:<br>2970 feet from the South line and 990 feet from the East line |                                    |                      |                      |                |                                |
| Ground Level Elev.<br>3191  | Producing Formation<br>Bone Spring |                      | Pool<br>Avalon, East |                | Dedicated Acreage:<br>40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

G. E. Tate G. E. Tate  
Name As Agent for The Superior Oil  
Position Co.  
Env. & Reg. Mgr.  
Company Mobil Producing TX & NM, Inc.  
Date 1-21-86

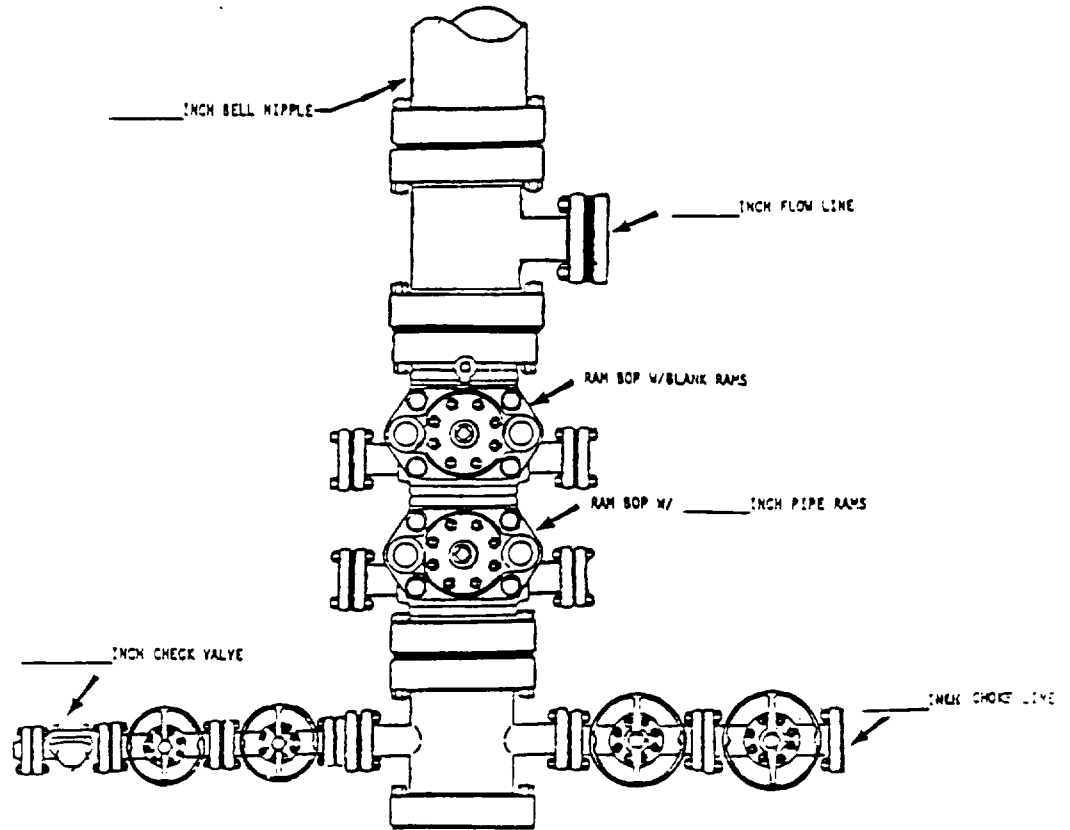
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
December 10, 1985

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.  
5109

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



\*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

|  |                               |          |
|--|-------------------------------|----------|
| Mobil Producing<br>Texas & New Mexico Inc.<br>Houston, Texas |                               | Scale    |
| Well # <u>3</u>  | <u>Burton Flat</u><br>(Lease) | Date     |
| <u>Edley</u> County, <u>San</u> State                        |                               | Drawn    |
| Blowout Preventer Assembly                                   |                               | Checked  |
| 9 5/8" x 5 1/2" IN. 3000 PSI WP*                             |                               | Approved |
|  |                               | Revised  |

**WRS COMPLETION REPORT**

COMPLETIONS SEC 1 TWP 21S RGE 27E  
PI# 30-T-0003 11/10/86 30-015-25555-0000 PAGE 1

NMEX EDDY \* 2970FSL 990FEL SEC  
STATE COUNTY FOOTAGE SPOT  
MOBIL PRODUCING TX & NM D DO  
OPERATOR WELL CLASS INIT FIN  
3 BURTON FLAT  
WELL NO. LEASE NAME  
3204KB 3190GR AVALON E  
OPER ELEV FIELD/POOL/AREA  
API 30-015-25555-0000  
LEASE TYPE NO. PERMIT OR WELL I.D. NO.  
05/31/1986 07/18/1986 ROTARY OIL  
SPUD DATE COMP. DATE TYPE TOOL STATUS  
5900 BONE SPG ROD RIC CORP 10 RIG SUB 13  
PROJ. DEPTH PROJ. FORM CONTRACTOR  
DTD 5722 PB 5708 FM/TD BONE SPG  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

**LOCATION DESCRIPTION**

7 MI NE CARLSBAD, NM

**WELL IDENTIFICATION/CHANGES**

OPR CHGD FROM SUPERIOR OIL TX

**CASING/LINER DATA**

CSG 13 3/8 @ 542 W/ 500 SACKS  
CSG 10 3/4 @ 1447 W/ 450 SACKS  
LNR 7 5/8 1230- 2450 W/ 400S  
LNR 5 1/2 2199- 5722 W/ 540S

**TUBING DATA**

TBG 2 7/8 AT 5606

**INITIAL POTENTIAL**

IPP 13BOPD 332 MCFD 3BW 24HRS  
BONE SPG PERF JET W/ 29/IT 5631- 5645  
GTY 40.1 GOR 25538

| TYPE | FORMATION | LTH | TOP DEPTH/SUB | BSE DEPTH/SUB |
|------|-----------|-----|---------------|---------------|
| LOG  | CPITN RF  |     | 1434 1770     |               |
| LOG  | DELWR SD  |     | 2866 338      |               |
| LOG  | CHER CYN  |     | 3016 188      |               |
| LOG  | BONE SPG  |     | 5520 -2316    |               |

CONTINUED IC# 300157002986



COMPLETIONS SEC 1 TWP 21S RGE 27E  
PI# 30-T-0003 11/10/86 30-015-25555-0000 PAGE 2

MOBIL PRODUCING TX & NM D DO  
3 BURTON FLAT

PRODUCTION TEST DATA

PTS 1BO 1BW 6HRS  
BONE SPG PERF W/ 29/IT 5631- 5645  
PERF 5631- 5645  
ACID 5631- 5645 4200GALS  
7 1/2% HCL

PTP 117BO 72HRS  
BONE SPG PERF 5631- 5645  
SWFR 5631- 5645 2100GALS 35000LBS SAND  
TERRA-FRAC 25000# 20/40  
10000# 12/20  
PPD 117 BO + 86 BLW IN 72 HRS

PTP 13BOPD 496.0MCFD 24HRS  
BONE SPG PERF 5631- 5645  
PPD 13 BO + 496 MCFG + 10 BLW IN 24 HRS

PTF 11BOPD 336.0MCFD 32/64CK 24HRS  
BONE SPG PERF 5631- 5645  
TP 60  
FLWD 11 BO + 336 MCFG + 2 BLW IN 24 HRS

PTP 32BO 332.0MCFD 96HRS  
BONE SPG PERF 5631- 5645  
PPD 32 BO + 4 BLW + 332 MCFG IN 96 HRS

PTP 13BOPD 24HRS  
BONE SPG PERF 5631- 5645

LOGS AND SURVEYS /INTERVAL,TYPE/

LOGS 0- 5722 DENL 0- 5722 CALP 5450- 5700 CBL  
LOGS 5450- 5700 VD 5450- 5700 GR 5450- 5700 CCL  
LOGS 5450- 5700 CET DSN

DRILLING PROGRESS DETAILS

MOBIL PRODUCING TX & NM  
9 GREENWAY PLAZA, STE 2700  
HOUSTON, TX 77046  
915-684-0884  
02/03 LOC/1986/

CONTINUED

COMPLETIONS SEC 1 TWP 21S RGE 27E  
PI# 30-T-0003 11/10/86 30-015-25555-0000 PAGE 3

MOBIL PRODUCING TX & NM  
3 BURTON FLAT

D DO

DRILLING PROGRESS DETAILS

06/03 DRLG 1152 (DOLO)  
06/05 DRLG 1832 (DOLO & SD)  
06/06 DRLG 2435 (DOLO)  
06/17 5722 TD, RNG LOGS  
06/19 5722 TD, WOCT  
07/01 5722 TD, PB 5708, SWBG  
07/28 5722 TD, PB 5708, TOP  
08/07 5722 TD, PB 5708, TOP  
08/22 5722 TD, PB 5708, TSTG  
09/04 5722 TD, PB 5708, TOP  
10/07 5722 TD, PB 5708, WOPT  
11/06 TD REACHED 06/16/86 RIG REL 06/18/86  
5722 TD, PB 5708  
COMP 7/18/86, IPP 13 BO, 332 MCFG, 3 BWP, GOR 25538, GTY 40.1  
PROD ZONE - BONE SPRING 5631-5645  
NO CORES OR DSTS RPTD