

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUBMIT IN ☒ ORIGINAL
RECEIVED (Other instructions on reverse side)

AUG 08 1984

Form approved.
Budget Bureau No. 42-R1425.

30-05-24951

5. LEASE DESIGNATION AND SERIAL NO.

NM-0916

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Simmons Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Henshaw Grayburg-West

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 23-16S-29E

12. COUNTY OR PARISH 13. STATE

Eddy

N. M.

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

McClellan Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Drawer 730, Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

+650' FSL & +650' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 miles N. W. of Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

1480'

17. NO. OF ACRES ASSIGNED

TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3645'

19. PROPOSED DEPTH

2800'

20. ROTARY OR CABLE TOOLS

Cable tool

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3697'

22. APPROX. DATE WORK WILL START*

July 30, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	8-5/8"	20 lb.	420'	175 sx (circulate)
8"	7"	24 lb.	1950'	Set
6-3/4"	4-1/2"	9 1/2 lb.	2800'	200 sx

Will drill to approximately 2800' to test the Premier sand of the Grayburg formation.
If production is indicated will run casing and attempt completion.

Estimated Geological Tops: Yates - 1080' Grayburg - 2308'
Queen - 1910' Premier - 2650'

Post ID-1
8-10-84
API & BK

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Mark McClellan

TITLE

Geologist

DATE

July 9, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

8-7-84

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

Operator McClellan Oil Corp.		Lease Simmons Federal		Well No. #5
Unit Letter J	Section 23	Township 16 South	Range 29 East	County Eddy
Actual Postage Location of Well				
1850 feet from the South line and		1850 feet from the East line		
Ground Level Elev. 3697	Producing Formation Premier	Paul Henshaw Grayburg - West	Dedicated Acreage 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

Sec. 23, T. 16 S., R. 29 E., N.M.P.M.

Rec'd.
JULY 31, 1984
B.W.H.

CERTIFICATION

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

Paul Ragsdale

Name
Paul Ragsdale

Position
Operations Manager

Company
McClellan Oil Corp.

Date
July 9, 1984

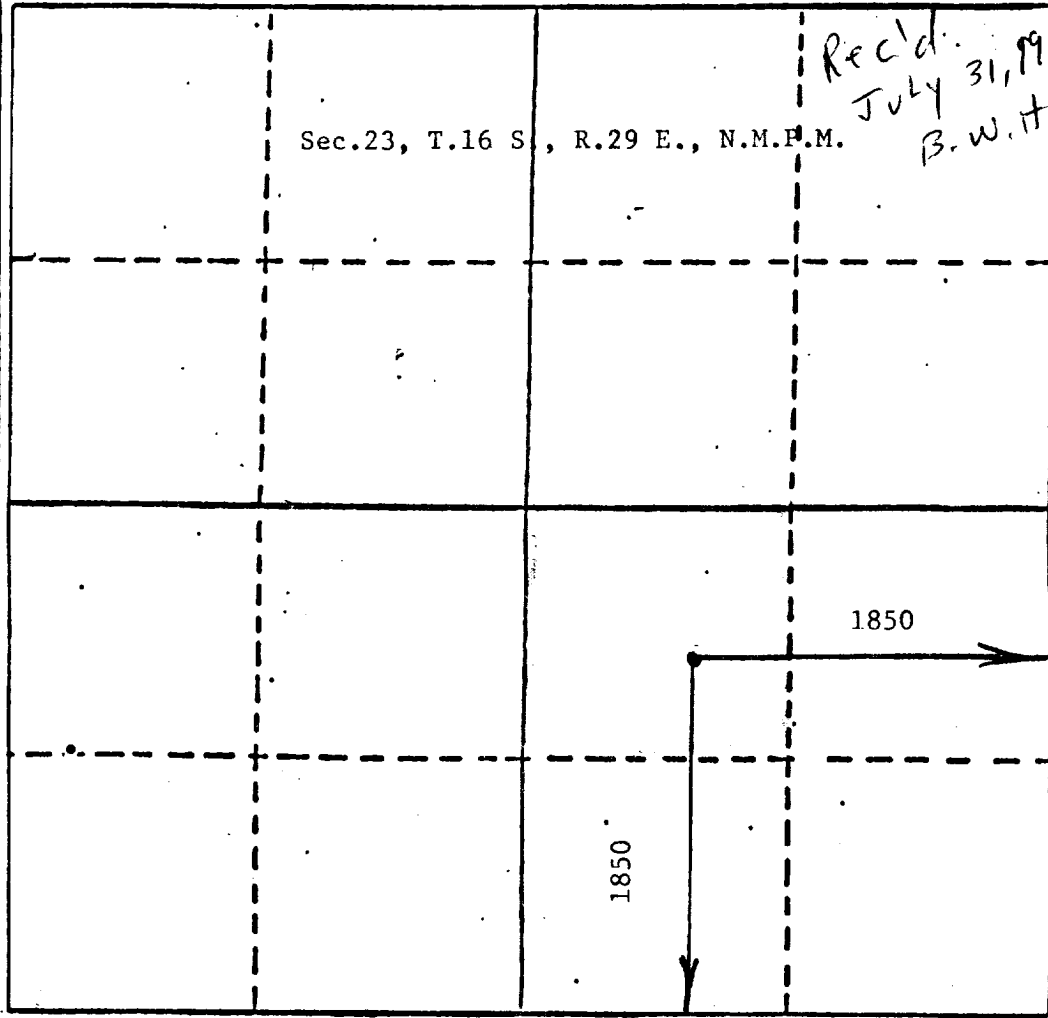
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

JOHN D. JAQUES

Date Surveyed
July 26, 1984

Registered Professional Engineer and/or Land Surveyor
John D. Jaques, P.E. & L.S.

Certificate No.
6290



320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400 6720 7040 7360 7680 8000 8320 8640 8960 9280 9600 9920 10240 10560 10880 11200 11520 11840 12160 12480 12800 13120 13440 13760 14080 14400 14720 15040 15360 15680 16000 16320 16640 16960 17280 17600 17920 18240 18560 18880 19200 19520 19840 20160 20480 20800 21120 21440 21760 22080 22400 22720 23040 23360 23680 24000 24320 24640 24960 25280 25600 25920 26240 26560 26880 27200 27520 27840 28160 28480 28800 29120 29440 29760 30080 30400 30720 31040 31360 31680 32000 32320 32640 32960 33280 33600 33920 34240 34560 34880 35200 35520 35840 36160 36480 36800 37120 37440 37760 38080 38400 38720 39040 39360 39680 40000 40320 40640 40960 41280 41600 41920 42240 42560 42880 43200 43520 43840 44160 44480 44800 45120 45440 45760 46080 46400 46720 47040 47360 47680 48000 48320 48640 48960 49280 49600 49920 50240 50560 50880 51200 51520 51840 52160 52480 52800 53120 53440 53760 54080 54400 54720 55040 55360 55680 56000 56320 56640 56960 57280 57600 57920 58240 58560 58880 59200 59520 59840 60160 60480 60800 61120 61440 61760 62080 62400 62720 63040 63360 63680 64000 64320 64640 64960 65280 65600 65920 66240 66560 66880 67200 67520 67840 68160 68480 68800 69120 69440 69760 70080 70400 70720 71040 71360 71680 72000 72320 72640 72960 73280 73600 73920 74240 74560 74880 75200 75520 75840 76160 76480 76800 77120 77440 77760 78080 78400 78720 79040 79360 79680 80000 80320 80640 80960 81280 81600 81920 82240 82560 82880 83200 83520 83840 84160 84480 84800 85120 85440 85760 86080 86400 86720 87040 87360 87680 88000 88320 88640 88960 89280 89600 89920 90240 90560 90880 91200 91520 91840 92160 92480 92800 93120 93440 93760 94080 94400 94720 95040 95360 95680 96000 96320 96640 96960 97280 97600 97920 98240 98560 98880 99200 99520 99840 100160 100480 100800 101120 101440 101760 102080 102400 102720 103040 103360 103680 104000 104320 104640 104960 105280 105600 105920 106240 106560 106880 107200 107520 107840 108160 108480 108800 109120 109440 109760 110080 110400 110720 111040 111360 111680 112000 112320 112640 112960 113280 113600 113920 114240 114560 114880 115200 115520 115840 116160 116480 116800 117120 117440 117760 118080 118400 118720 119040 119360 119680 120000 120320 120640 120960 121280 121600 121920 122240 122560 122880 123200 123520 123840 124160 124480 124800 125120 125440 125760 126080 126400 126720 127040 127360 127680 128000 128320 128640 128960 129280 129600 129920 130240 130560 130880 131200 131520 131840 132160 132480 132800 133120 133440 133760 134080 134400 134720 135040 135360 135680 136000 136320 136640 136960 137280 137600 137920 138240 138560 138880 139200 139520 139840 140160 140480 140800 141120 141440 141760 142080 142400 142720 143040 143360 143680 144000 144320 144640 144960 145280 145600 145920 146240 146560 146880 147200 147520 147840 148160 148480 148800 149120 149440 149760 150080 150400 150720 151040 151360 151680 152000 152320 152640 152960 153280 153600 153920 154240 154560 154880 155200 155520 155840 156160 156480 156800 157120 157440 157760 158080 158400 158720 159040 159360 159680 160000 160320 160640 160960 161280 161600 161920 162240 162560 162880 163200 163520 163840 164160 164480 164800 165120 165440 165760 166080 166400 166720 167040 167360 167680 168000 168320 168640 168960 169280 169600 169920 170240 170560 170880 171200 171520 171840 172160 172480 172800 173120 173440 173760 174080 174400 174720 175040 175360 175680 176000 176320 176640 176960 177280 177600 177920 178240 178560 178880 179200 179520 179840 180160 180480 180800 181120 181440 181760 182080 182400 182720 183040 183360 183680 184000 184320 184640 184960 185280 185600 185920 186240 186560 186880 187200 187520 187840 188160 188480 188800 189120 189440 189760 190080 190400 190720 191040 191360 191680 192000 192320 192640 192960 193280 193600 193920 194240 194560 194880 195200 195520 195840 196160 196480 196800 197120 197440 197760 198080 198400 198720 199040 199360 199680 200000 200320 200640 200960 201280 201600 201920 202240 202560 202880 203200 203520 203840 204160 204480 204800 205120 205440 205760 206080 206400 206720 207040 207360 207680 208000 208320 208640 208960 209280 209600 209920 210240 210560 210880 211200 211520 211840 212160 212480 212800 213120 213440 213760 214080 214400 214720 215040 215360 215680 216000 216320 216640 216960 217280 217600 217920 218240 218560 218880 219200 219520 219840 220160 220480 220800 221120 221440 221760 222080 222400 222720 223040 223360 223680 224000 224320 224640 224960 225280 225600 225920 226240 226560 226880 227200 227520 227840 228160 228480 228800 229120 229440 229760 230080 230400 230720 231040 231360 231680 232000 232320 232640 232960 233280 233600 233920 234240 234560 234880 235200 235520 235840 236160 236480 236800 237120 237440 237760 238080 238400 238720 239040 239360 239680 240000 240320 240640 240960 241280 241600 241920 242240 242560 242880 243200 243520 243840 244160 244480 244800 245120 245440 245760 246080 246400 246720 247040 247360 247680 248000 248320 248640 248960 249280 249600 249920 250240 250560 250880 251200 251520 251840 252160 252480 252800 253120 253440 253760 254080 254400 254720 255040 255360 255680 256000 256320 256640 256960 257280 257600 257920 258240 258560 258880 259200 259520 259840 260160 260480 260800 261120 261440 261760 262080 262400 262720 263040 263360 263680 264000 264320 264640 264960 265280 265600 265920 266240 266560 266880 267200 267520 267840 268160 268480 268800 269120 269440 269760 270080 270400 270720 271040 271360 271680 272000 272320 272640 272960 273280 273600 273920 274240 274560 274880 275200 275520 275840 276160 276480 276800 277120 277440 277760 278080 278400 278720 279040 279360 279680 280000 280320 280640 280960 281280 281600 281920 282240 282560 282880 283200 283520 283840 284160 284480 284800 285120 285440 285760 286080 286400 286720 287040 287360 287680 288000 288320 288640 288960 289280 289600 289920 290240 290560 290880 291200 291520 291840 292160 292480 292800 293120 293440 293760 294080 294400 294720 295040 295360 295680 296000 296320 296640 296960 297280 297600 297920 298240 298560 298880 299200 299520 299840 300160 300480 300800 301120 301440 301760 302080 302400 302720 303040 303360 303680 304000 304320 304640 304960 305280 305600 305920 306240 306560 306880 307200 307520 307840 308160 308480 308800 309120 309440 309760 310080 310400 310720 311040 311360 311680 312000 312320 312640 312960 313280 313600 313920 314240 314560 314880 315200 315520 315840 316160 316480 316800 317120 317440 317760 318080 318400 318720 319040 319360 319680 320000 320320 320640 320960 321280 321600 321920 322240 322560 322880 323200 323520 323840 324160 324480 324800 325120 325440 325760 326080 326400 326720 327040 327360 327680 328000 328320 328640 328960 329280 329600 329920 330240 330560 330880 331200 331520 331840 332160 332480 332800 333120 333440 333760 334080 334400 334720 335040 335360 335680 336000 336320 336640 336960 337280 337600 337920 338240 338560 338880 339200 339520 339840 340160 340480 340800 341120 341440 341760 342080 342400 342720 343040 343360 343680 344000 344320 344640 344960 345280 345600 345920 346240 346560 346880 347200 347520 347840 348160 348480 348800 349120 349440 349760 350080 350400 350720 351040 351360 351680 352000 352320 352640 352960 353280 353600 353920 354240 354560 354880 355200 355520 355840 356160 356480 356800 357120 357440 357760 358080 358400 358720 359040 359360 359680 360000 360320 360640 360960 361280 361600 361920 362240 362560 362880 363200 363520 363840 364160 364480 364800 365120 365440 365760 366080 366400 366720 367040 367360 367680 368000 368320 368640 368960 369280 369600 369920 370240 370560 370880 371200 371520 371840 372160 372480 372800 373120 373440 373760 374080 374400 374720 375040 375360 375680 376000 376320 376640 376960 377280 377600 377920 378240 378560 378880 379200 379520 379840 380160 380480 380800 381120 381440 381760 382080 382400 382720 383040 383360 383680 384000 384320 384640 384960 385280 385600 385920 386240 386560 386880 387200 387520 387840 388160 388480 388800 389120 389440 389760 390080 390400 390720 391040 391360 391680 392000 392320 392640 392960 393280 393600 393920 394240 394560 394880 395200 395520 395840 396160 396480 396800 397120 397440 397760 398080 398400 398720 399040 399360 399680 400000

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

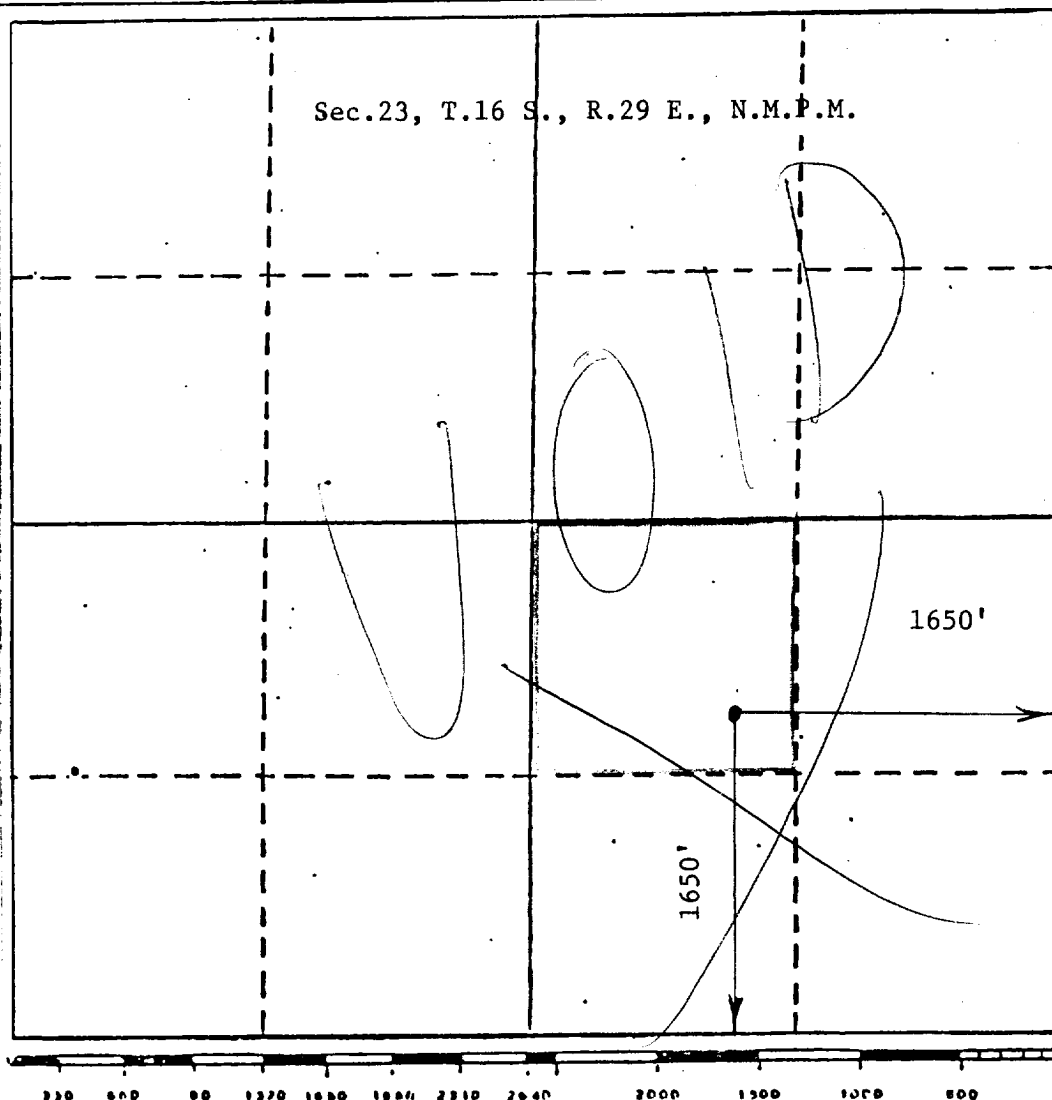
Operator McClellan Oil Corp.			Lease Simmons Federal		Well No. #5
Unit Letter J	Section 23	Township 16 South	Range 29 East	County Eddy	
Actual Postage Location of Well: 1650 feet from the South line and 1650 feet from the East line					
Ground Level Elev. 3697	Producing Formation Premier	Pool Henshaw Grayburg - West		Dedicated Acreage 40	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Mark McClellan

Name
Mark McClellan
Position
Geologist
Company
McClellan Oil Corporation
Date
July 9, 1984

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.

JOHN D. JAQUES
NEW MEXICO
Professional Engineer
and/or Land Surveyor
July 5, 1984
JOHN D. JAQUES, P.E. & L.S.
Certificate No. 6290

The diagram illustrates a wellhead assembly with the following components and labels:

- FLOW LINE:** Indicated by an arrow pointing upwards on the left side.
- KILL LINE:** Indicated by an arrow pointing downwards on the right side.
- FILL LINE:** Indicated by an arrow pointing downwards on the left side.
- Numbered Components:**
 - 1: Wellhead flange
 - 2: ANNULAR BOP
 - 3: BLIND RAMPS
 - 4: Wellhead flange
 - 5: Wellhead flange
 - 6: Wellhead flange
 - 7: Wellhead flange
 - 8: PIPE RAMPS
 - 9: Wellhead flange
 - 10: Wellhead flange
 - 11: Wellhead flange
 - 12: Wellhead flange
 - 13: Wellhead flange
 - 14: Wellhead flange
 - 15: Wellhead flange
 - 16: Wellhead flange
 - 17: Wellhead flange
 - 18: Wellhead flange
 - 19: Wellhead flange
 - 20: Wellhead flange
 - 21: Wellhead flange
 - 22: Wellhead flange
 - 23: Wellhead flange
 - 24: Wellhead flange

SURFACE USE PLAN EXHIBIT "E"
McClellan Oil Corporation
Simmons Federal No. 5
Sec. 23-16S-29E
Eddy County, New Mexico

REQUIREMENTS
(NTL-6)

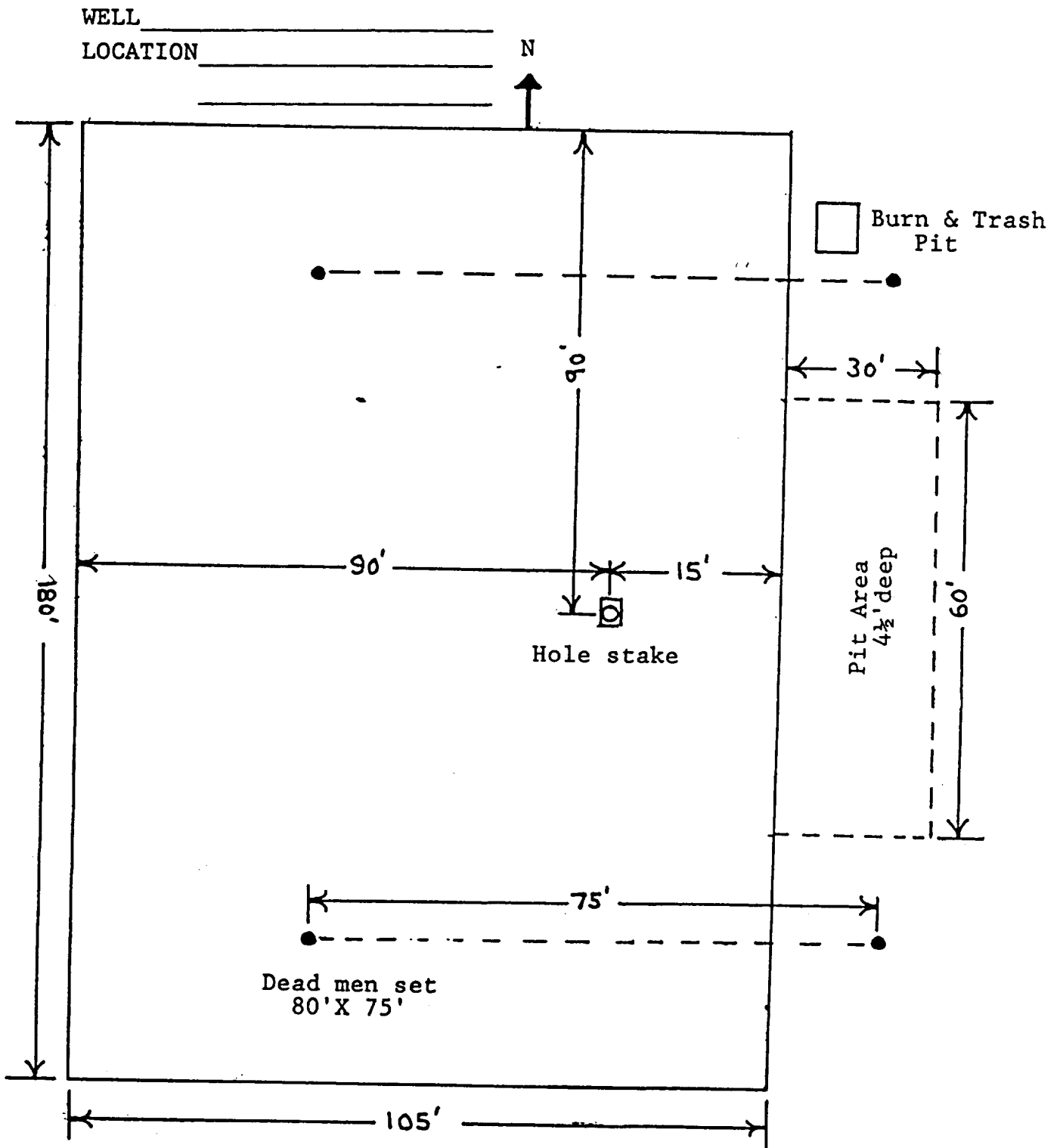
1. Location: Sec. 23-T16S-R29E, 1650' FSL & 1650' FEL
2. Elevation: 3697 '
3. Geologic name of surface formation: See archaeological report
4. Type of drilling rig and associated equipment: Cable Tool
5. Proposed drilling depth and objective formation: 2800', Premier
6. Estimated tops of geologic markers:

Yates	<u>1080'</u>	Premier	<u>2650'</u>	Abo	<u> </u>
Queen	<u>1910'</u>	Glorieta	<u> </u>	Wolfcamp	<u> </u>
Grayburg	<u>2308'</u>	Tubb	<u> </u>		
7. Estimated depths of any oil, water, or gas: Possible oil at 2650'
- 8-9. Proposed casing program:

<u>8-5/8"</u>	@	<u>420'</u>	Grade	<u>J-55</u>	Wt.	<u>20 lb.</u>	Type Cement	<u>Class "C"</u>
<u>7 "</u>	@	<u>1950'</u>	Grade	<u>J-55</u>	Wt.	<u>24 lb.</u>	Type Cement	<u>Set</u>
<u>4-1/2"</u>	@	<u>2800'</u>	Grade	<u>J-55</u>	Wt.	<u>9.5 lb.</u>	Type Cement	<u>Class "C"</u>
10. Specifications for pressure control equipment and testing procedures:
None
11. Type and characteristics of drilling fluids: None (Cable Tool)
12. Testing, logging, and coring programs: Will bail test any shows
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date:
July 30, 1984 - August 20, 1984
15. Other pertinent information: None



McClellan Oil Corporation
Box 848
Roswell, New Mexico 88201



CABLE TOOL LOCATION PLAT

SURFACE USE PLAN EXHIBIT "D"
McClellan Oil Corporation
Simmons Federal No. 5
Sec. 23-16S-29E
Eddy County, New Mexico