

RECEIVED BY

NM OIL CONS. COMMISSION
Drawer DD SUBMIT IN PLICATE*
Artesia, NM 88210
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

451

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA OFFICE

30-005-62180

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-34649	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR McClellan Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 730, Roswell, NM 88202		8. FARM OR LEASE NAME S.U. Fed.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 1980' FNL & 860' FWL At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 10 miles northeast of Roswell, NM		10. FIELD AND POOL, OR WILDCAT South Pecos Slope Abo	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 860'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-T9S-R25E	
16. NO. OF ACRES IN LEASE 680		12. COUNTY OR PARISH 13. STATE Chaves NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7,832'	
19. PROPOSED DEPTH 4310'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3650' GL		22. APPROX. DATE WORK WILL START* August 1, 1984	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24 lb.	900'	500 sx circulate
7-7/8"	4-1/2"	10.5 lb.	4310'	350 sx

Propose to drill to approximately 4310' to test the Abo formation. If production is indicated, will set casing and attempt completion.

Estimated geologic tops: San Andres 420' Tubb 2986'
Glorieta 1558' Abo 3710'

Mud program: Will drill to top of Abo with native mud. Will mud up with salt base gel, 40 viscosity, 9.5 lb./gal weight and 15 cc water loss mud.

GAS IS NOT DEDICATED

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 Marb McClellan TITLE Geologist DATE 7-16-84
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY S/Phil Kirk TITLE Area Manager DATE 7-31-84
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

Operator McClellan Oil Corp.		Lease S.U. Federal		Well No. #1
Unit Letter E	Section 9	Township 9 South	Range 25 East	County Chaves
Actual Postage Location of Well				
860	feet from the	West	line and	1980
				feet from the
				North
Ground Level Elev. 3650	Producing Formation Abo		Pool Pecos Slope Abo	Dedicated Acreage 160

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

NM-34649	
1980'	
860'	
Sec. 9, T. 9 S., R. 25 E., N.M.P.M.	

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 12, 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.

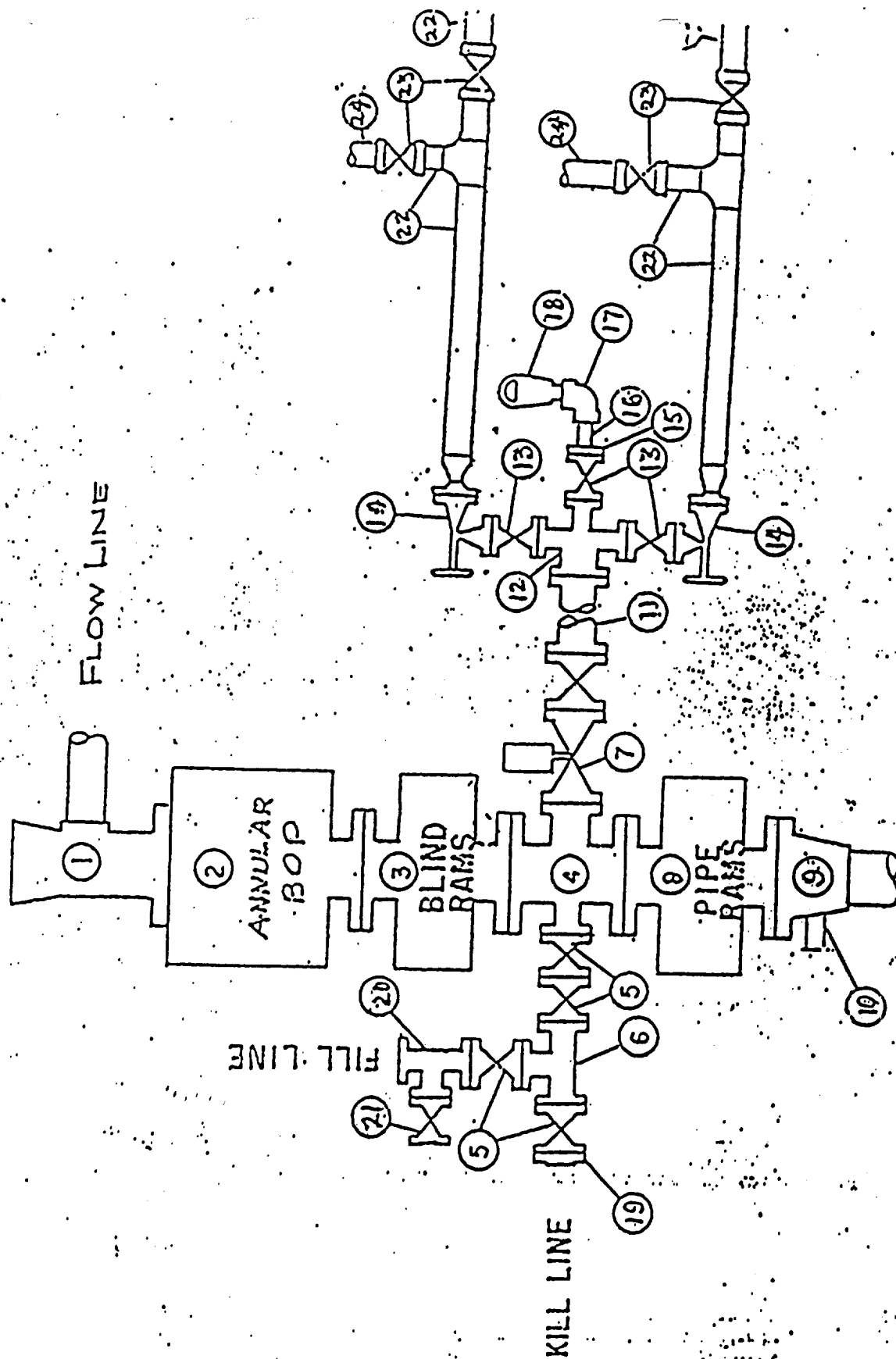
Date Surveyed July 11, 1984

Registered Professional Engineer and/or Land Surveyor

John D. Jacques
John D. Jacques, P.E. & L.S.

Certificate No. 6280

310 640 970 1300 1630 1960 2290 2620 2950 3280 3610 3940 4270 4600 4930 5260 5590 5920 6250 6580 6910 7240 7570 7900 8230 8560 8890 9220 9550 9880 10210 10540 10870 11200 11530 11860 12190 12520 12850 13180 13510 13840 14170 14500 14830 15160 15490 15820 16150 16480 16810 17140 17470 17800 18130 18460 18790 19120 19450 19780 20110 20440 20770 21100 21430 21760 22090 22420 22750 23080 23410 23740 24070 24400 24730 25060 25390 25720 26050 26380 26710 27040 27370 27700 28030 28360 28690 29020 29350 29680 30010 30340 30670 31000 31330 31660 31990 32320 32650 32980 33310 33640 33970 34300 34630 34960 35290 35620 35950 36280 36610 36940 37270 37600 37930 38260 38590 38920 39250 39580 39910 40240 40570 40900 41230 41560 41890 42220 42550 42880 43210 43540 43870 44200 44530 44860 45190 45520 45850 46180 46510 46840 47170 47500 47830 48160 48490 48820 49150 49480 49810 50140 50470 50800 51130 51460 51790 52120 52450 52780 53110 53440 53770 54100 54430 54760 55090 55420 55750 56080 56410 56740 57070 57400 57730 58060 58390 58720 59050 59380 59710 60040 60370 60700 61030 61360 61690 62020 62350 62680 63010 63340 63670 64000 64330 64660 64990 65320 65650 65980 66310 66640 66970 67300 67630 67960 68290 68620 68950 69280 69610 69940 70270 70600 70930 71260 71590 71920 72250 72580 72910 73240 73570 73900 74230 74560 74890 75220 75550 75880 76210 76540 76870 77200 77530 77860 78190 78520 78850 79180 79510 79840 80170 80500 80830 81160 81490 81820 82150 82480 82810 83140 83470 83800 84130 84460 84790 85120 85450 85780 86110 86440 86770 87100 87430 87760 88090 88420 88750 89080 89410 89740 90070 90400 90730 91060 91390 91720 92050 92380 92710 93040 93370 93700 94030 94360 94690 95020 95350 95680 96010 96340 96670 97000 97330 97660 97990 98320 98650 98980 99310 99640 99970 100300 100630 100960 101290 101620 101950 102280 102610 102940 103270 103600 103930 104260 104590 104920 105250 105580 105910 106240 106570 106900 107230 107560 107890 108220 108550 108880 109210 109540 109870 110200 110530 110860 111190 111520 111850 112180 112510 112840 113170 113500 113830 114160 114490 114820 115150 115480 115810 116140 116470 116800 117130 117460 117790 118120 118450 118780 119110 119440 119770 120100 120430 120760 121090 121420 121750 122080 122410 122740 123070 123400 123730 124060 124390 124720 125050 125380 125710 126040 126370 126700 127030 127360 127690 128020 128350 128680 129010 129340 129670 130000 130330 130660 130990 131320 131650 131980 132310 132640 132970 133300 133630 133960 134290 134620 134950 135280 135610 135940 136270 136600 136930 137260 137590 137920 138250 138580 138910 139240 139570 139900 140230 140560 140890 141220 141550 141880 142210 142540 142870 143200 143530 143860 144190 144520 144850 145180 145510 145840 146170 146500 146830 147160 147490 147820 148150 148480 148810 149140 149470 149800 150130 150460 150790 151120 151450 151780 152110 152440 152770 153100 153430 153760 154090 154420 154750 155080 155410 155740 156070 156400 156730 157060 157390 157720 158050 158380 158710 159040 159370 159700 160030 160360 160690 161020 161350 161680 162010 162340 162670 163000 163330 163660 163990 164320 164650 164980 165310 165640 165970 166300 166630 166960 167290 167620 167950 168280 168610 168940 169270 169600 169930 170260 170590 170920 171250 171580 171910 172240 172570 172900 173230 173560 173890 174220 174550 174880 175210 175540 175870 176200 176530 176860 177190 177520 177850 178180 178510 178840 179170 179500 179830 180160 180490 180820 181150 181480 181810 182140 182470 182800 183130 183460 183790 184120 184450 184780 185110 185440 185770 186100 186430 186760 187090 187420 187750 188080 188410 188740 189070 189400 189730 190060 190390 190720 191050 191380 191710 192040 192370 192700 193030 193360 193690 194020 194350 194680 195010 195340 195670 196000 196330 196660 196990 197320 197650 197980 198310 198640 198970 199300 199630 199960 200290 200620 200950 201280 201610 201940 202270 202600 202930 203260 203590 203920 204250 204580 204910 205240 205570 205900 206230 206560 206890 207220 207550 207880 208210 208540 208870 209200 209530 209860 210190 210520 210850 211180 211510 211840 212170 212500 212830 213160 213490 213820 214150 214480 214810 215140 215470 215800 216130 216460 216790 217120 217450 217780 218110 218440 218770 219100 219430 219760 220090 220420 220750 221080 221410 221740 222070 222400 222730 223060 223390 223720 224050 224380 224710 225040 225370 225700 226030 226360 226690 227020 227350 227680 228010 228340 228670 229000 229330 229660 230000



SURFACE USE PLAN EXHIBIT "E"
 McClellan Oil Corporation
 S.U. Federal No. 1
 Sec. 9-T9S-R25E
 Chaves County, New Mexico

McClellan Oil Corp.
S.U. Fed. No. 1
REQUIREMENTS
(NTL-6)

1. Location: Sec. 9-T9S-R25E, 1980' FNL & 860' FWL
2. Elevation: 3650' G.L.
3. Geologic name of surface formation: See archaeological report
4. Type of drilling rig and associated equipment: Rotary
5. Proposed drilling depth and objective formation: 4310', ABO
6. Estimated tops of geologic markers:

Yates	<u> </u>	San Andres	<u>420'</u>	Abo	<u>3710'</u>
7-Rivers	<u> </u>	Glorieta	<u>1558'</u>	Wolfcamp	<u> </u>
Queen	<u> </u>	Tubb	<u>2986'</u>		
7. Estimated depths of any oil, water, or gas: Possible gas: 2986'-3710'
- 8-9. Proposed casing program:

<u>8-5/8"</u>	<u>@</u>	<u>900'</u>	<u>Grade</u>	<u>J-55</u>	<u>Wt.</u>	<u>24 lb.</u>	<u>Type Cement</u>	<u>Class "C"</u>
<u>4-1/2"</u>	<u>@</u>	<u>4310'</u>	<u>Grade</u>	<u>J-55</u>	<u>Wt.</u>	<u>10.5 lb.</u>	<u>Type Cement</u>	<u>Class "C"</u>
<u> "</u>	<u>@</u>	<u> '</u>	<u>Grade</u>	<u> </u>	<u>Wt.</u>	<u> </u>	<u>Type Cement</u>	<u> </u>
10. Specifications for pressure control equipment and testing procedures:
Schaeffer type E 10" series 900 hydraulic BOP
11. Type and characteristics of drilling fluids: Drill to top of Abo with native mud. Mud up 100' above Abo with salt base gel, 45 visc., 9.5 lb/gal weight & 15 cc water loss.
12. Testing, logging, and coring programs: No testing or coring is anticipated. Will run Compensated Neutron-Litho Density Tool with Dual Laterolog Micor SFL Gamma Ray logs.
13. Anticipated abnormal pressures or temperature: None anticipated
14. Anticipated commencement and completion date:
August 1, 1984 - August 21, 1984
15. Other pertinent information: None

SURFACE USE PLAN

1. Existing Roads

Exhibit "A" is a portion of the Chaves County road map of the New Mexico State Highway Department showing the proposed well site in relation to nearby highways and ranch-oil field roads. U.S. 70 will be used for 8 miles from Roswell to the oil field-ranch road. This highway is maintained by the State of New Mexico. The oil field-ranch road will be used for 1-1/4 mile. This road is maintained by the rancher and oil operators who use the road. All roads and highways to be used are marked in yellow the the proposed well site and access road are marked in red.

2. Planned Access Roads

Exhibit "B" shows the county road and existing access roads. The proposed access road is to build approximately 1650' of new road, marked in red. This road will be approximately 12' wide, graded and packed and, if necessary, covered with caliche. No fences will be involved or crossed.

3. Location of existing wells

Exhibit "C" shows all the producing wells within 2 miles of the proposed test with ownership of various tracts.

4. Location of Tank Battery, Production Facilities & Production Gathering & Service Lines

If gas production is achieved, the location of the line will be determined by the purchaser laying in the gathering system to his existing gas lines.

5. Location and Type of Water Supply

There is no useable water in this area. All water needed for drilling, testing and completion will be trucked in by a commercial transport on existing roads as shown on Exhibit "A".

6. Source of Construction Materials

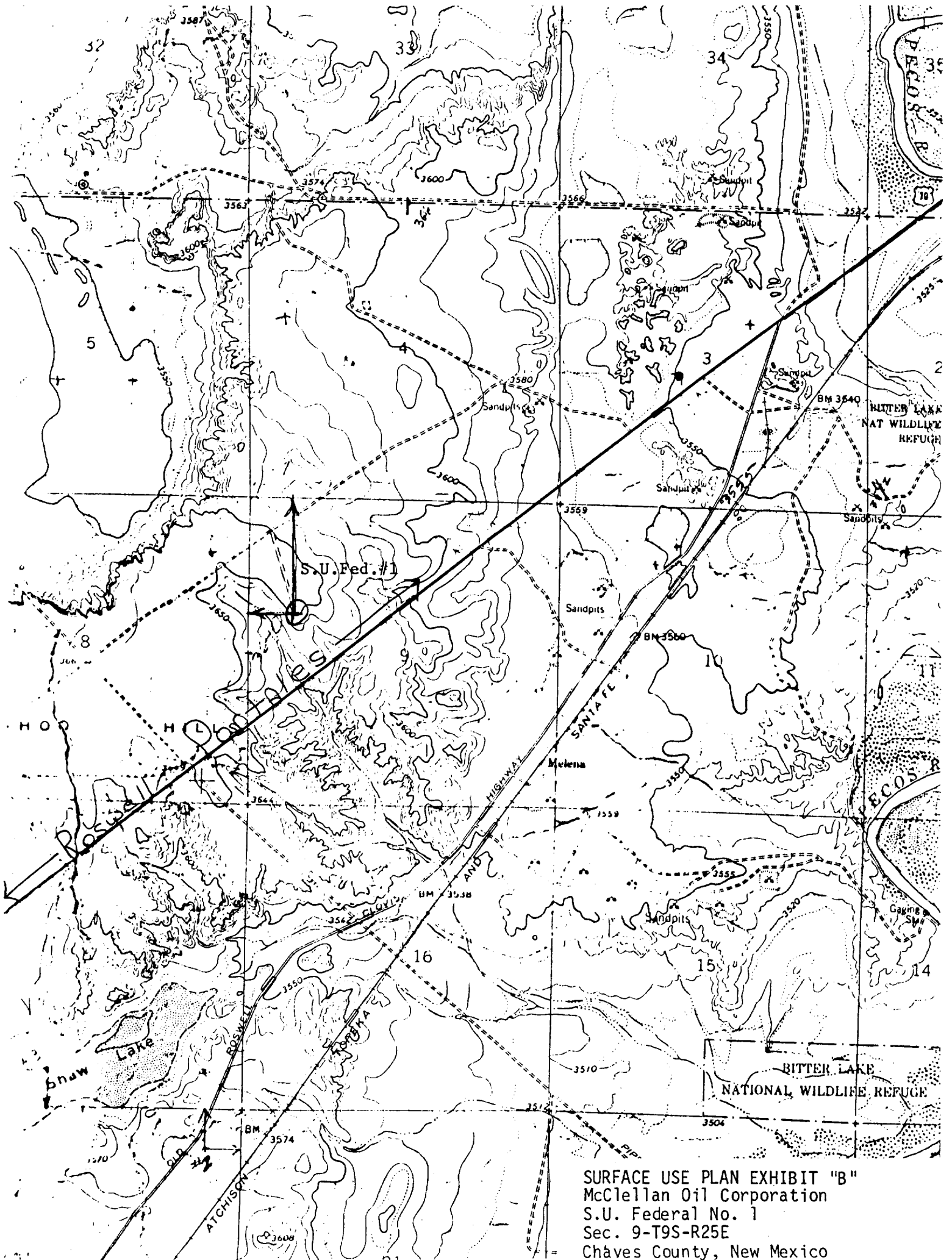
If it is necessary to use caliche on new road and location, this material will be obtained from the existing pits in the area as determined by the dirt contractor.

7. Handling of Water Disposal

All waste material remaining after the drilling of this well will be placed in mud pits as shown on Exhibit "D". Any combustible or biochemically degradable material will be placed in the "burn and trash pit."

8. Ancillary Facilities

No ancillary facilities are planned.



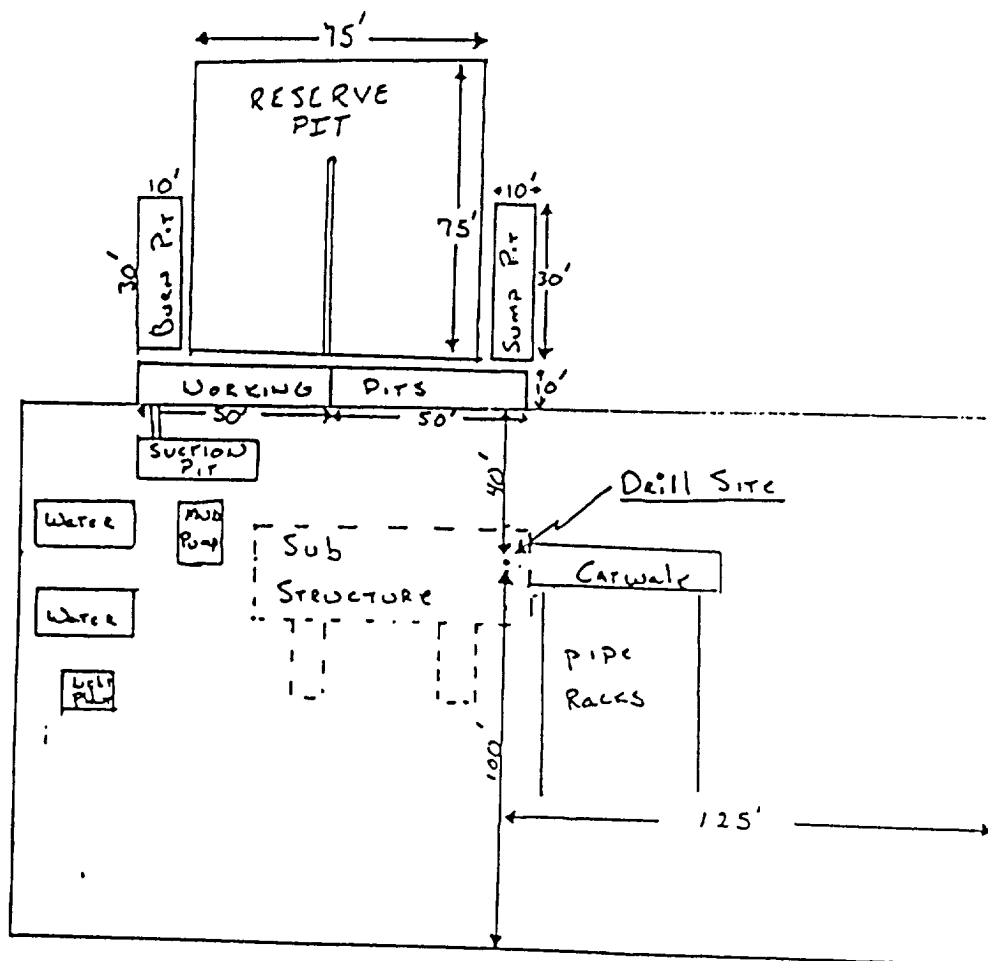
SURFACE USE PLAN EXHIBIT "B"
McClellan Oil Corporation
S.U. Federal No. 1
Sec. 9-T9S-R25E
Chaves County, New Mexico

McCLELLAN OIL CORPORATION
SUGGESTED PAD DIMENSIONS

Reserve Pits 4 ft. deep, plastic lined

Working pits 5 ft. deep

No cellar



Scale 1" = 50'