N.M. Oil Cons
P.O. Box 1980
Hobbs, NM 88241

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NMLC063586
6. If Indian, Allottee or Tribe Name: NA
7. If Unit or CA, Agreement Designation: Lusk West (Delaware) Unit
8. Well Name and No.: #903
9. API Well No.: 30-025-34172
10. Field and Pool, or exploratory Area: Lusk Delaware, West
11. County or Parish, State: Lea County, NM

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: Pioneer Natural Resources USA, Inc.
3. Address and Telephone No.: P. O. Box 3178, Midland, TX 79702 915/571-3937
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): UL C, 990' FNL & 1880' FWL, Sec. 29, T19S, R32E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

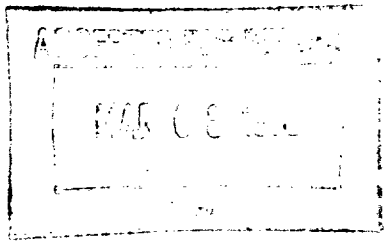
TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Completion	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Original well name: Southern California Federal #14 WIW

See Attached Completion Report & Pressure Chart



14. I hereby certify that the foregoing is true and correct
Signed [signature] Title Sr. Operations Engineer Date 2/25/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

PERC

WELL CHRONOLOGY REPORT

WELL NAME : LUSK WEST (DELAWARE) UNIT #903 WELL ID # : 924998903

OPERATOR : PIONEER NATURAL RESOURCES DISTRICT :

FIELD : LUSK WEST (DELAWARE) LOCATION : 990' FNL & 1880' FWL, SEC. 29, T19S, R32E

COUNTY & STATE : LEA NM CONTRACTOR :

NWI WI% : 90.93600 AFE# : API# : 30-025-34172 PLAN DEPTH : 7,200 SPUD DATE : 12/12/97

DHC : CWC : AFE TOTAL : FORMATION : DELAWARE

REPORT DATE : 12/13/97 MD : 250 TVD : 0 DSS : 1 DOL : 0 MW : 8.4 VISC : 28

DAILY DETAILS : DIRECTIONS: GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO HWY 243 RT 4.7 MILE, TURN RT ON THE LUSK FIELD ROAD, GO 4.3 MILES TURN RT 3/10 OF MILE TO RIG.

1ST REPORT:
****

MIRU LOKOTA RIG #4. SPUDDED AT 11:00 PM ON 12/12/97. DRLG 40' TO 250'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/14/97 MD : 853 TVD : 0 DSS : 2 DOL : 1 MW : 8.4 VISC : 29

DAILY DETAILS : SURVEY 3/4 DEG @ 250', DRLG 250' TO 640'. SURVEY 3/4 DEG @ 640'. DRLG 640' TO 853'. CIRC HOLE CLEAN. ART: TOH TO RUN 13 3/8" CSG.

REPORT DATE : 12/15/97 MD : 853 TVD : 0 DSS : 3 DOL : 2 MW : 9.8 VISC : 28

DAILY DETAILS : DRLG @ 1061', MADE 208' IN 5 1/4 HRS. SURVEY 1/2 DEG @ 853'. TOH TO RUN CSG. RU BJ SERVICES CEMENTED CSG. WOC 4 HRS. WELDED ON 13 3/8" X 8 5/8" 2000 PSI LARKIN FIGURE WELLHEAD. NU BOP. TESTED CSG & BOP TO 600 PSI 30 MIN. OK. TIH DRLG OUT CMT. DRLG 853' TO 1061'. ART: DRLG W/FULL RETURNS.

CSG & CEMENT DETAIL:

1-13 3/8" TEXAS PATTERN SHOE J55 STC	.75
1-13 3/8" SHOE JT. 54.50 J55 STC	43.52
13 3/8" INSETS FLOAT VALVE	
18-13 3/8" 54.50# J55 STC CSG	811.50
TOTAL CASING	855.77
CUT OFF	19.77
CASING LEFT IN HOLE	836.00
KB	17.00
CASING LANDED KB	853.00

RAN 6 CENTERLIZERS: JT #19, 16, 13, 10, 6, 2, THREADLOCK BOTTOM THREE JTS.
CEMENT W/475 SX 35-65 POZ CL"C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES WT 12.7 PPG, YIELD 1.94 CU FT/SK WTR 10.48 GAL/SX. TAIL: 200 SX CL"C" NEAT + 2% CACL2 + .25 #/SX CELLO FLAKES. WT 14.84 PPG, YIELD 1.32 CU FT/SK WTR 6.32 GAL/SX. FLOAT HELD.

REPORT DATE : 12/16/97 MD : 2,370 TVD : 0 DSS : 4 DOL : 3 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 1061' TO 1187'. RUN SURVEY 1 3/4 DEG @ 1145'. DRLG 1187' TO 1437. RIG REPAIR. 1437' TO 1654'. RUN SURVEY 2 DEG @ 1623'. DRLG 1654' TO 2111'. RUN SURVEY 3 DEG @ 2111'. DRLG 2111' TO 2370'. ART: DRLG W/FULL RETURNS.

PERC

WELL CHRONOLOGY REPORT

REPORT DATE : 12/17/97 MD : 2,690 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG @ 2370' TO 2435'. SR. DRLG 2435' TO 2499'. RUN SURVEY 3 1/2 DEG @ 2467'. DRLG 2499' TO 2690'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/18/97 MD : 3,176 TVD : 0 DSS : 6 DOL : 5 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG @ 2690' TO 2751'. SR. DRLG 2751' TO 2874'. RUN SURVEY 2 1/4 DEG @ 2844'. DRLG 2874' TO 3176'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/19/97 MD : 3,898 TVD : 0 DSS : 7 DOL : 6 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 3176' TO 3182'. SR DRLG 3182' TO 3370'. RUN SURVEY 1 1/2 DEG @ 3340'. DRLG 3370' TO 3628'. LOST FULL RETURNS @ 3628'. REGAINED 85% TO 90% RETURNS. @ 3675'. DRLG AHEAD W/ 85% TO 90% RETURNS. DRLG 3675' TO 3898'. ART: DRLG W/ 90 TO 95% RETURNS. TOTAL MUD LOST TODAY IS 180 BBLS (IN SWEEPS).

REPORT DATE : 12/20/97 MD : 4,200 TVD : 0 DSS : 8 DOL : 7 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 3898' TO 3929'. SR. DRLG 33929' TO 3991'. LOST FULL RETURNS @ 3991'. REGAINED 50% RETURN @ 4020'. LOST FULL RETURN @ 4045'. DRY DRLG FROM 4020' TO 4200'. CIRC HOLE 1/2 HR. MADE SHORT TRIP WORKING TIGHT SPOT @ 3670' TO 3720'. CIRC HOLE. TOH. RU & LD 8" DC'S. RU CSG CREW & RUN 94 JTS. CSG. W/ DV TOOL @ 2597'.

REPORT DATE : 12/21/97 MD : 4,200 TVD : 0 DSS : 9 DOL : 8 MW : 8.4 VISC : 28

DAILY DETAILS : RUN CSG, GUIDE SHOE, 1-JT CSG SHOE JT., FLOAT COLLAR, 35 JTS CSG. DV TOOL SET @ 2597'. SET @ 4183' GL. RU BJ & CEMENTED. PLUG DOWN 10:00 AM ON 12/20/97. OPEN DV TOOL . RIG CIRC HOLE. WOC 4 HRS. CEMENT 2ND STAGE. PLUG DOWN 3:15 PM ON 12/20/97. CLOSED DV TOOL 1550 PSI, RD BJ. SET SLIPS & CUT OFF CSG, WELDED ON 8 5/8" & 5 1/2" 3000 PSI LARKIN WELLHEAD. NU BOP, TESTED BLANK RAMS & BOP TO 2000 PSI. TIH. ART: DRLG CEMENT.

CASING & CEMENT DETAIL:

8 5/8" GUIDE SHOE	1.50
1-8 5/8" SHOE JT. 32# J55 STC	20.60
8 5/8" FLOAT COLLAR	1.20
35-8 5/8" 32# J55 STC CSG	1579.21
8 5/8" DV TOOL	2.55
9-8 5/8" 32# J55 STC CSG	407.26
49-8 5/8" 24# J55 STC CSG	2190.47
TOTAL CSG.	4202.79
CUT OFF	19.79
CASING LEFT IN HOLE	4183.00
KB	17.00
CASING LANDED KB	4200.00

RAN 2 CENTERLIZERS: ON JTS #36, & 38. THREADLOCKED SHOE & BTM THREE & DV TOOL @ 2597'.

CEMENT: 1ST STAGE 685 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT. WT - 11.92 PPG YIELD 2.35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/200 SX CL"C" NEAT + 1% CACL2 WT 14.81 PPG, YIELD 1.33 CUT FT/SX. 2ND STAGE: 825 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT, WT 11.92 PPG. YIELD 2. 35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/150 SX CL"C" NEAT + 2% CACL2, WT 14.81 PPG, YIELD 1. 33 CU FT/SX, WTR 632 GAL/SX. FLOAT HELD.

PERC

WELL CHRONOLOGY REPORT

REPORT DATE : 12/22/97 MD : 4,831 TVD : 0 DSS : 10 DOL : 9 MW : 8.4 VISC : 28

DAILY DETAILS : DRLG 4200' TO 4265'. SURVEY 3/4 DEG @ 4220. DRLG 4265' TO 4738'. SURVEY 1 3/4 DEG @ 4698'. DRLG 4738' TO 4831'. ART: DRLG W/FULL RETURNS 25' TO 30' P/HR.

REPORT DATE : 12/23/97 MD : 5,490 TVD : 0 DSS : 11 DOL : 10 MW : 8.5 VISC : 28

DAILY DETAILS : DRLG 4831' TO 5193'. SER RIG & SURVEY 3/4 DEG @ 5153. DRLG 5193' TO 5490'. ART: DRLG W/FULL RETURNS 25' TO 28' P/HR.

REPORT DATE : 12/24/97 MD : 6,102 TVD : 0 DSS : 12 DOL : 11 MW : 8.4 VISC : 29

DAILY DETAILS : DRLG 5490' - 6102'. SURVEY 1/4 DEG @ 5631'. MULED UP @ 6000'. WT 8.5, VIS 36, PH 10.

REPORT DATE : 12/25/97 MD : 6,465 TVD : 0 DSS : 13 DOL : 12 MW : 8.5 VISC : 36

DAILY DETAILS : DRLG @ 6465', MADE 363' IN 21 1/2 HRS. SURVEY 1/2 DEG @ 6099'. TRIP FOR HOLE IN DP 29 STDS (2530'). DRLG 6102' TO 6142'. SR & RUN SURVEY 1/4 DEG @ 6099'. DRLG 6142' TO 6465'. ART: DRLG 15' TO 18' P/HR. W/FULL RETURNS.

REPORT DATE : 12/26/97 MD : 6,635 TVD : 0 DSS : 14 DOL : 13 MW : 9.6 VISC : 36

DAILY DETAILS : DRLG 6465' TO 6549'. SR. DRLG 6549' TO 6585'. TRIP FOR HOLE IN DP. 84 JTS. DOWN. DRLG 6585' TO 6612'. TRIP FOR HOLE IN DP 57 JTS. DOWN. DRLG 6612' TO 6635' TD @ 11:00 PM ON 12/25/97. CIRC. RU & LD DP & DC'S.

REPORT DATE : 12/27/97 MD : 6,635 TVD : 0 DSS : 15 DOL : 14 MW : 8.7 VISC : 36

DAILY DETAILS : WO HLS LOGGING TRK 6 HRS. RU HLS & LOGGED WELL 5 HRS. RU CASING CREW & RAN CSG. RU BJ SERVICES. CEMENTED. PLUG DOWN @ 2:15 AM. ND BOP, SET SLIPS, CUT OFF 5 1/2" CSG, WELDED ON 5 1/2" WELL HEAD. JET PITS, CIRC 20 SX CMT. RELEASE RIG @ 7:00 AM ON 12/27/97.

CSG & CMT DETAIL:

1-5 1/2" SHOE	1.50
1-5 1/2" SHOE JT 15.50# K55 LTC	47.36
1-5 1/2" FLOAT COLLAR	1.50
152-5 1/2" 15.50# K55 LTC CSG.	6589.06
TOTAL CASING	6639.42
CUT OFF	21.42
CSG LEFT IN HOLE	6618.00
KB	17.00
CSG LANDED KB	6635.00

RAN 6 CENTERLIZERS: JTS. #143, 139, 135, 131, 127, 123. THREADLOCK SHOE, SHOE JT, FLOAT COLLAR, BOTTOM 3 JTS. CEMENTED: 950 SX 50-50 POZ CL"C" + 2% GEL + .5% FL-62 WT 11.92 PPG, YIELD 1.25 CU FT/SX, WTR 13.41 GPS. FRESH WTR W/2% KCL. FLOAT HELD.

WELL CHRONOLOGY REPORT

REPORT DATE : 12/31/97 MD : 6,635 TVD : 0 DSS : 16 DOL : 15 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO PERFORATE.
MOVED IN PIPE RACKS & 2 7/8" WORK STRING. MOVE IN & RIG UP WSU. PICKED UP & RAN 4 3/4" TRI-CONE ROCK BIT, X-OVER, & 205 JTS TBG. TAGGED UP AT 6571'. RIG UP PUMP TRUCK & DISPLACED HOLE W/150 BBL 2% KCL WATER. PULLED 100 JTS TBG. CLOSED WELL IN.

REPORT DATE : 1/1/98 MD : 6,635 TVD : 0 DSS : 17 DOL : 16 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.

REPORT DATE : 1/2/98 MD : 6,635 TVD : 0 DSS : 18 DOL : 17 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.

REPORT DATE : 1/3/98 MD : 6,635 TVD : 0 DSS : 19 DOL : 18 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO ACIDIZE.
FINISH TOH W/TBG & BIT. REMOVE BIT. RIG UP PRO-LOG. LOGGER TD AT 6550'. RAN GR/CCL LOG FROM TD TO 4200'. GOT ON DEPTH & PERF 6438' - 6444', 2 SPF, 90DEG PHASING USING 19 GRAM CHARGE W/HOLLOW STEEL CARRIER, 14 SHOTS. RIG DOWN PRO-LOG. PICKED UP & RAN ARROW HD COMPRESSION PKR. RAN 197 JTS 2 7/8" TBG & LEFT PKR SWINGING AT 6332'. SHUT DOWN & CLOSE WELL IN.

REPORT DATE : 1/4/98 MD : 6,635 TVD : 0 DSS : 20 DOL : 19 MW : 8.7 VISC : 36

DAILY DETAILS : PRESENT OPT: PREP TO FRACTURE STIMULATE.
RIG UP REEF CHEMICAL. RAN PKR TO 6451' & SPOT 100 GAL ACID ACROSS PERFS. PULL PKR TO 6332'. REVERSE 5 BBL TO CLEAN BACKSIDE. SET PKR AT 6332'. LOADED CSG W/1 BBL. PRESSURED TO 2,000 PSI, HELD OK. LOWERED PRESSURE TO 1,000 PSI. PRESSURED TBG TO 2,790 PSI & FORMATION BROKE. ACIDIZE PERFS: 6438' - 6444' W/ADDITIONAL 900 GAL 10% NEFE HCL CONTAINING 1 GAL CORROSION INHIBITOR, 1 GAL NE AGENT, 2 GAL CLAY STABALIZER, 1 GAL IRON REDUCING AGENT, 3 GAL FINES SUSPENDING AGENT. USED 21 - 7/8" - 1.3 SG BALL SEALERS. HAD LIGHT BALL ACTION. 113 BBL TO REC. AVERAGE PRESS 2,040 PSI, MAX PRESS 2,107 PSI, AVERAGE RATE 4.5 BPM, MAX RATE 5 BPM, ISIP 1380 PSI, ON VACUUM IN 3 MINUTES. RIG UP SWAB. BEGINNING FL AT SURFACE. MADE 10 SWAB RUNS. ENDING FL 6200'. RECOVERED 37 BBL WATER. RIG DOWN SWAB. UNSET PKR & LET WELL EQUALIZE. TOH, LAYING DOWN 2 7/8" WORK STRING & PKR. ND BOP. RIG DOWN WSU. NOTE: RAN PACKER THROUGH PERFS, DID NOT TOUCH ANYTHING.

REPORT DATE : 2/9/98 MD : 6,635 TVD : 0 DSS : 21 DOL : 20 MW : 8.7 VISC : 36

DAILY DETAILS : RIG UP BJ. TESTED LINES TO 4000 PSI. FRAC'D DOWN 5 1/2" CSG W/10,000# 16/30 OTTAWA SAND. PUMPED 3,000 GALS VIKING PAD AT 14 BPM AND 0 PRESSURE. PUMPED 2 TO 8 PPG AT 13 BPM AT 0 PRESSURE, 1,000 GALS, PUMPED 500 GALS AT 8 PPG AT 13 BPM AT 0 PRESSURE. FLUSHED WITH 6,400 GALS AT 1514 PSI. HOLE LOADED W/126 BBL PUMPED. FLUID CONTAINED 100 GAL LCF, 13 GALS NE-118, 7 GAL BF-7, 5 GAL XLW-4, 10 GAL GBW-5, AND 13 GAL CLAYTREAT 3C. ISIP 1450 PSI. FLOWED BACK 20 BBL AT 1/2 TO 1 BPM & WENT ON VACUUM. AVERAGE TREATING PRESSURE 900 PSI, MAX TREATING PRESSURE 2120 PSI, AVERAGE TREATING RATE 10 BPM, MAX TREATING PRESSURE 10 BPM. RIG DOWN BJ & CLOSE WELL IN.

WELL CHRONOLOGY REPORT

REPORT DATE : 2/12/98 MD : 6,635 TVD : 0 DSS : 22 DOL : 21 MW : 8.7 VISC : 36

DAILY DETAILS : SET PIPE RACKS. UNLOAD 210 JTS 2 3/8" IPC 4.7# 8RD UPSET TBG. RIG UP WSU. NU BOP. PICKED UP PKR AND 1 JT TBG. SHUT DOWN DUE TO HIGH WINDS.

REPORT DATE : 2/13/98 MD : 6,635 TVD : 0 DSS : 23 DOL : 22 MW : 8.7 VISC : 36

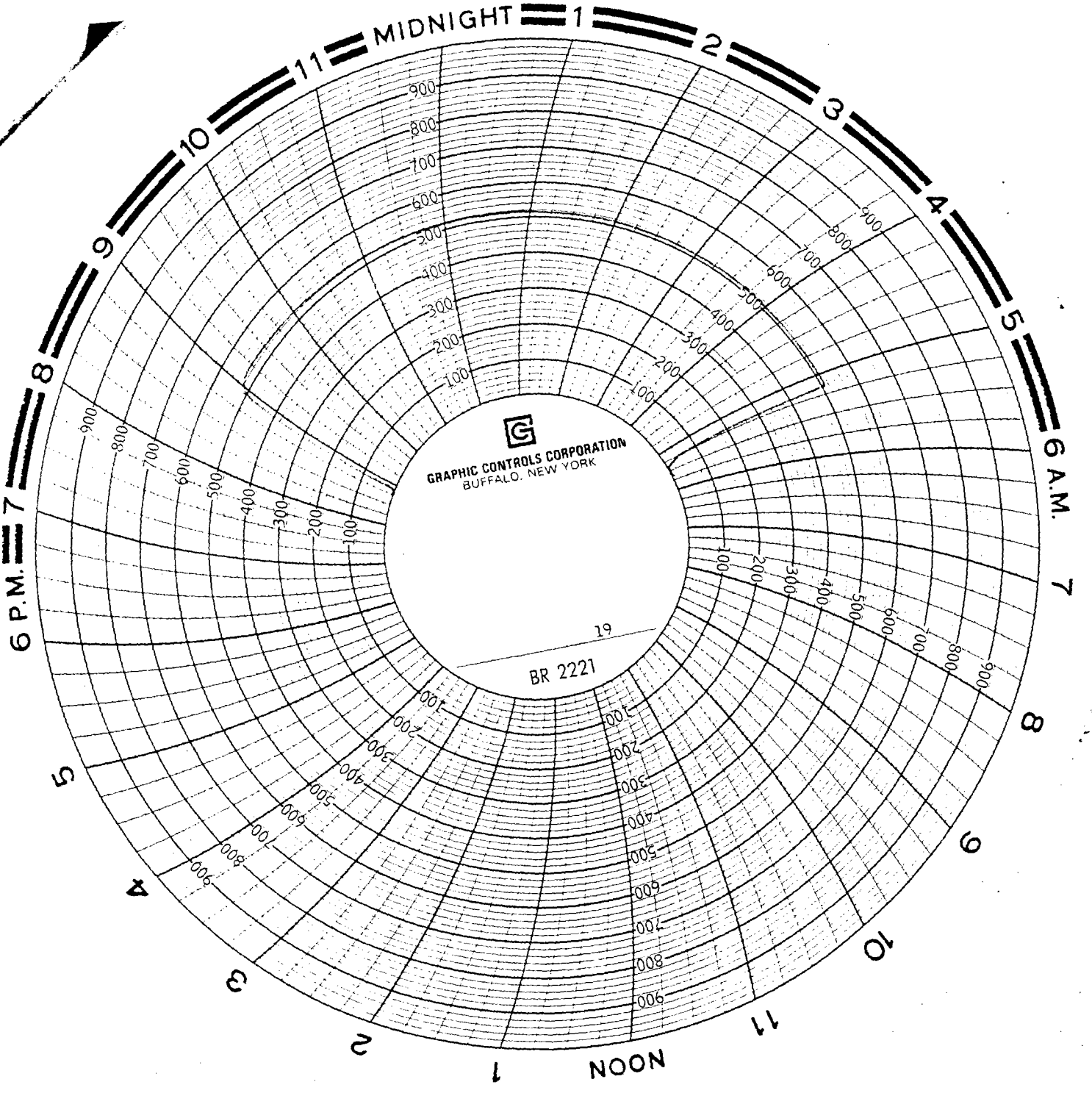
DAILY DETAILS : RAN 5 1/2" X 2 3/8" ARROWSET I-XS NICKLE COATED INJECTION PKR, 2 3/8" T-2 ON/OFF TOOL W/1.70 SS PROFILE NIPPLE W/SS SEAL BODY, & 201 JTS 2 3/8" IPC 4.7# J-55 EUE TBG. WITH PKR SWINGING PUMPED 120 BBL PKR FLUID. SET PKR AT 6371'. PRESSURED CSG TO 520 PSI & CHART FOR OIL & GAS COMMISSION TEST. RAN 25 MINUTE TEST. AT END OF 25 MINUTES PRESSURE WAS 510 PSI. OIL & GAS COMMISSION REP. WAS PRESENT & OK'D TEST. CLOSE WELL IN & RELEASED WSU & RIGGED DOWN.

REPORT DATE : 2/14/98 MD : 6,635 TVD : 0 DSS : 24 DOL : 23 MW : 8.7 VISC : 36

DAILY DETAILS : RIG UP PUMP TRUCK. PUMPED 2% KCL WATER DOWN TBG. PUMPED 9 BBL AND CAUGHT PRESSURE. PUMPED ADDITIONAL 81 BBL AT RATE OF ABOUT 1/8 BPM AT 1100 PSI.

REPORT DATE : 2/15/98 MD : 6,635 TVD : 0 DSS : 25 DOL : 24 MW : 8.7 VISC : 36

DAILY DETAILS : SDFWE.


MIDNIGHT
1
2
3
4
5
6 A.M.
7
8
9
10
11
NOON
1
2
3
4
5
6 P.M.
7
8
9
10
11
100
200
300
400
500
600
700
800
900
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
19
BR 2221

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons
P.O. x 1980
Hobbs, NM 8824

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NMLC063586

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Lusk West (Delaware) Unit

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Injector

8. Well Name and No.
#303

2. Name of Operator
Pioneer Natural Resources USA, Inc.

9. API Well No.
30-025-34172

3. Address and Telephone No.
P. O. Box 3178, Midland, TX 79702 915/571-3937

10. Field and Pool, or exploratory Area
Lusk Delaware, West

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL C, 990' FNL & 1880' FWL, Sec. 29, T19S, R32E

11. County or Parish, State
Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Drilling	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Original well name: Southern California Federal #14 WIW

See Attached Chronology Report

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
JAN 0 7 1998
BLM

14. I hereby certify that the foregoing is true and correct
Signed Scott L. Ch Title Sr. Operations Engineer Date 1/6/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

PERC

WELL CHRONOLOGY REPORT

WELL NAME : LUSK WEST (DELAWARE) UNIT #903 WELL ID # : 924998903

OPERATOR : PIONEER NATURAL RESOURCES DISTRICT :

FIELD : LUSK WEST (DELAWARE) LOCATION : 990' FNL & 1880' FWL, SEC. 29, T19S, R32E

COUNTY & STATE : LEA NM CONTRACTOR :

NWI WI% : 90.93600 AFE# : API# : 30-025-34172 PLAN DEPTH : 7,200 SPUD DATE : 12/12/97

DHC : CWC : AFE TOTAL : FORMATION : DELAWARE

REPORT DATE : 12/13/97 MD : 250 TVD : 0 DSS : 1 DOL : 0 MW : 8.4 VISC : 28

DAILY DETAILS : DIRECTIONS: GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO HWY 243 RT 4.7 MILE, TURN RT ON THE LUSK FIELD ROAD, GO 4.3 MILES TURN RT 3/10 OF MILE TO RIG.

1ST REPORT:
****

MIRU LOKOTA RIG #4. SPUDDED AT 11:00 PM ON 12/12/97. DRLG 40' TO 250'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/14/97 MD : 853 TVD : 0 DSS : 2 DOL : 1 MW : 8.4 VISC : 29

DAILY DETAILS : SURVEY 3/4 DEG @ 250', DRLG 250' TO 640'. SURVEY 3/4 DEG @ 640'. DRLG 640' TO 853'. CIRC HOLE CLEAN. ART: TOH TO RUN 13 3/8" CSG.

REPORT DATE : 12/15/97 MD : 853 TVD : 0 DSS : 3 DOL : 2 MW : 9.8 VISC : 28

DAILY DETAILS : DRLG @ 1061', MADE 208' IN 5 1/4 HRS. SURVEY 1/2 DEG @ 853'. TOH TO RUN CSG. RU BJ SERVICES CEMENTED CSG. WOC 4 HRS. WELDED ON 13 3/8" X 8 5/8" 2000 PSI LARKIN FIGURE WELLHEAD. NU BOP. TESTED CSG & BOP TO 600 PSI 30 MIN. OK. TIH DRLG OUT CMT. DRLG 853' TO 1061'. ART: DRLG W/FULL RETURNS.

CSG & CEMENT DETAIL:

1-13 3/8" TEXAS PATTERN SHOE J55 STC	.75
1-13 3/8" SHOE JT. 54.50 J55 STC	43.52
13 3/8" INSETS FLOAT VALVE	
18-13 3/8" 54.50# J55 STC CSG	811.50
TOTAL CASING	855.77
CUT OFF	19.77
CASING LEFT IN HOLE	836.00
KB	17.00
CASING LANDED KB	853.00

RAN 6 CENTERLIZERS: JT #19, 16, 13, 10, 6, 2, THREADLOCK BOTTOM THREE JTS.
CEMENT W/475 SX 35-65 POZ CL"C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES WT 12.7 PPG, YIELD 1.94 CU FT/SK WTR 10.48 GAL/SX. TAIL: 200 SX CL"C" NEAT + 2% CACL2 + .25 #/SX CELLO FLAKES. WT 14.84 PPG, YIELD 1.32 CU FT/SK WTR 6.32 GAL/SX. FLOAT HELD.

REPORT DATE : 12/16/97 MD : 2,370 TVD : 0 DSS : 4 DOL : 3 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 1061' TO 1187'. RUN SURVEY 1 3/4 DEG @ 1145'. DRLG 1187' TO 1437. RIG REPAIR. 1437' TO 1654'. RUN SURVEY 2 DEG @ 1623'. DRLG 1654' TO 2111'. RUN SURVEY 3 DEG @ 2111'. DRLG 2111' TO 2370'. ART: DRLG W/FULL RETURNS.

PERC

WELL CHRONOLOGY REPORT

REPORT DATE : 12/17/97 MD : 2,690 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG @ 2370' TO 2435'. SR. DRLG 2435' TO 2499'. RUN SURVEY 3 1/2 DEG @ 2467'. DRLG 2499' TO 2690'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/18/97 MD : 3,176 TVD : 0 DSS : 6 DOL : 5 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG @ 2690' TO 2751'. SR. DRLG 2751' TO 2874'. RUN SURVEY 2 1/4 DEG @ 2844'. DRLG 2874' TO 3176'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 12/19/97 MD : 3,898 TVD : 0 DSS : 7 DOL : 6 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 3176' TO 3182'. SR DRLG 3182' TO 3370'. RUN SURVEY 1 1/2 DEG @ 3340'. DRLG 3370' TO 3628'. LOST FULL RETURNS @ 3628'. REGAINED 85% TO 90% RETURNS. @ 3675'. DRLG AHEAD W/ 85% TO 90% RETURNS. DRLG 3675' TO 3898'. ART: DRLG W/ 90 TO 95% RETURNS. TOTAL MUD LOST TODAY IS 180 BBLS (IN SWEEPS).

REPORT DATE : 12/20/97 MD : 4,200 TVD : 0 DSS : 8 DOL : 7 MW : 10.0 VISC : 28

DAILY DETAILS : DRLG 3898' TO 3929'. SR. DRLG 33929' TO 3991'. LOST FULL RETURNS @ 3991'. REGAINED 50% RETURN @ 4020'. LOST FULL RETURN @ 4045'. DRY DRLG FROM 4020' TO 4200'. CIRC HOLE 1/2 HR. MADE SHORT TRIP WORKING TIGHT SPOT @ 3670' TO 3720'. CIRC HOLE. TOH. RU & LD 8" DC'S. RU CSG CREW & RUN 94 JTS. CSG. W/ DV TOOL @ 2597'.

REPORT DATE : 12/21/97 MD : 4,200 TVD : 0 DSS : 9 DOL : 8 MW : 8.4 VISC : 28

DAILY DETAILS : RUN CSG, GUIDE SHOE, 1-JT CSG SHOE JT., FLOAT COLLAR, 35 JTS CSG. DV TOOL SET @ 2597'. SET @ 4183' GL. RU BJ & CEMENTED. PLUG DOWN 10:00 AM ON 12/20/97. OPEN DV TOOL . RIG CIRC HOLE. WOC 4 HRS. CEMENT 2ND STAGE. PLUG DOWN 3:15 PM ON 12/20/97. CLOSED DV TOOL 1550 PSI, RD BJ. SET SLIPS & CUT OFF CSG, WELDED ON 8 5/8" & 5 1/2" 3000 PSI LARKIN WELLHEAD. NU BOP, TESTED BLANK RAMS & BOP TO 2000 PSI. TIH. ART: DRLG CEMENT.

CASING & CEMENT DETAIL:

8 5/8" GUIDE SHOE	1.50
1-8 5/8" SHOE JT. 32# J55 STC	20.60
8 5/8" FLOAT COLLAR	1.20
35-8 5/8" 32# J55 STC CSG	1579.21
8 5/8" DV TOOL	2.55
9-8 5/8" 32# J55 STC CSG	407.26
49-8 5/8" 24# J55 STC CSG	2190.47
TOTAL CSG.	4202.79
CUT OFF	19.79
CASING LEFT IN HOLE	4183.00
KB	17.00
CASING LANDED KB	4200.00

RAN 2 CENTERLIZERS: ON JTS #36, & 38. THREADLOCKED SHOE & BTM THREE & DV TOOL @ 2597'.

CEMENT: 1ST STAGE 685 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT. WT - 11.92 PPG YIELD 2.35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/200 SX CL"C" NEAT + 1% CACL2 WT 14.81 PPG, YIELD 1.33 CUT FT/SX. 2ND STAGE: 825 SX 50/50 POZ CL"C" + 10% GEL + 5% SALT, WT 11.92 PPG. YIELD 2. 35 CU FT/SX, WTR 13.41 GAL/SX. TAIL W/150 SX CL"C" NEAT + 2% CACL2, WT 14.81 PPG, YIELD 1. 33 CU FT/SX, WTR 632 GAL/SX. FLOAT HELD.

PERC

WELL CHRONOLOGY REPORT

REPORT DATE : 12/22/97 MD : 4,831 TVD : 0 DSS : 10 DOL : 9 MW : 8.4 VISC : 28

DAILY DETAILS : DRLG 4200' TO 4265'. SURVEY 3/4 DEG @ 4220. DRLG 4265' TO 4738'. SURVEY 1 3/4 DEG @ 4698'. DRLG 4738' TO 4831'. ART: DRLG W/FULL RETURNS 25' TO 30' P/HR.

REPORT DATE : 12/23/97 MD : 5,490 TVD : 0 DSS : 11 DOL : 10 MW : 8.5 VISC : 28

DAILY DETAILS : DRLG 4831' TO 5193'. SER RIG & SURVEY 3/4 DEG @ 5153. DRLG 5193' TO 5490'. ART: DRLG W/FULL RETURNS 25' TO 28' P/HR.

REPORT DATE : 12/24/97 MD : 6,102 TVD : 0 DSS : 12 DOL : 11 MW : 8.4 VISC : 29

DAILY DETAILS : DRLG 5490' - 6102'. SURVEY 1/4 DEG @ 5631'. MULED UP @ 6000'. WT 8.5, VIS 36, PH 10.

REPORT DATE : 12/25/97 MD : 6,465 TVD : 0 DSS : 13 DOL : 12 MW : 8.5 VISC : 36

DAILY DETAILS : DRLG @ 6465', MADE 363' IN 21 1/2 HRS. SURVEY 1/2 DEG @ 6099'. TRIP FOR HOLE IN DP 29 STDS (2530'). DRLG 6102' TO 6142'. SR & RUN SURVEY 1/4 DEG @ 6099'. DRLG 6142' TO 6465'. ART: DRLG 15' TO 18' P/HR. W/FULL RETURNS.

REPORT DATE : 12/26/97 MD : 6,635 TVD : 0 DSS : 14 DOL : 13 MW : 9.6 VISC : 36

DAILY DETAILS : DRLG 6465' TO 6549'. SR. DRLG 6549' TO 6585'. TRIP FOR HOLE IN DP. 84 JTS. DOWN. DRLG 6585' TO 6612'. TRIP FOR HOLE IN DP 57 JTS. DOWN. DRLG 6612' TO 6635' TD @ 11:00 PM ON 12/25/97. CIRC. RU & LD DP & DC'S.

REPORT DATE : 12/27/97 MD : 6,635 TVD : 0 DSS : 15 DOL : 14 MW : 8.7 VISC : 36

DAILY DETAILS : WO HLS LOGGING TRK 6 HRS. RU HLS & LOGGED WELL 5 HRS. RU CASING CREW & RAN CSG. RU BJ SERVICES. CEMENTED. PLUG DOWN @ 2:15 AM. ND BOP, SET SLIPS, CUT OFF 5 1/2" CSG, WELDED ON 5 1/2" WELL HEAD. JET PITS, CIRC 20 SX CMT. RELEASE RIG @ 7:00 AM ON 12/27/97.

CSG & CMT DETAIL:

1-5 1/2" SHOE	1.50
1-5 1/2" SHOE JT 15.50# K55 LTC	47.36
1-5 1/2" FLOAT COLLAR	1.50
152-5 1/2" 15.50# K55 LTC CSG.	6589.06
TOTAL CASING	6639.42
CUT OFF	21.42
CSG LEFT IN HOLE	6618.00
KB	17.00
CSG LANDED KB	6635.00

RAN 6 CENTERLIZERS: JTS. #143, 139, 135, 131, 127, 123. THREADLOCK SHOE, SHOE JT, FLOAT COLLAR, BOTTOM 3 JTS. CEMENTED: 950 SX 50-50 POZ CL"C" + 2% GEL + .5% FL-62 WT 11.92 PPG, YIELD 1.25 CU FT/SX, WTR 13.41 GPS. FRESH WTR W/2% KCL. FLOAT HELD.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Pioneer Natural Resources USA, Inc. P.O. Box 3178 Midland, TX 79702	036324
	[3] Reason for Filing Code: Property Name CH eff. 9/1/97

[4] API Number	[5] Pool Name	[6] Pool Code
30-0 25-34172	Lusk (Delaware) West	41540
[7] Property Code	**[8] Property Name**	**[9] Well Number**
022063	Lusk West (Delaware) Unit (Formally Southern California Federal #14W)	903

II. [10] Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	29	19S	32E		990	North	1880	West	Lea

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	P Drilling				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] POD	[21] O/G	[22] POD ULSTR Location and Description
022628	Texas-New Mexico Pipeline Co. P. O. Box 5568 T.A. Denver, CO 80217-5568	2040510	O	UL K, Sec 29, T19S, R32E Tank Battery
009171	GPM Gas Corporation 4001 Penbrook Odessa, TX 79762	2040530	G	U K, Sec 29, T19S, R32E, Tank Battery

IV. Produced Water

[23] POD	[24] POD ULSTR Location and Description
2040550	Unit K, Sec. 29, T19S, R32E

V. Well Completion Data

[25] Spud Date	[26] Ready Date	[27] TD	[28] PBTD	[29] Perforations	[30] DHC, DC, MC

[31] Hole Sie	[32] Casing & Tubing Size	[33] Depth Set	[34] Sacks Cement

VI. Well Test Data

[35] Date New Oil	[36] Gas Delivery Date	[37] Test Date	[38] Test Length	[39] Tbg. Pressure	[40] Csg. Pressure
[41] Choke Size	**[42] Oil**	**[43] Water**	**[44] Gas**	**[45] AOF**	**[46] Test Method**

[47] I hereby certify that the rules 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.

Signature: Jeanie Dodd
Printed name: Jeanie Dodd
Title: Engineering Tech
Date: 11/13/97
Phone: 915/571 3937

OIL CONSERVATION DIVISION

Approved by: Chris Williams
Title: DISTRICT 1 SUPERVISOR
Approval Date: DEC 11 1997

[47] If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM LC063586

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] OTHER WIW SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Southern California Federal Unit

8. FARM OR LEASE NAME, WELL NO.: 14 WIW

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.

9. API WELL NO.: 30-025-34172

3. ADDRESS AND TELEPHONE NO.: P.O. Box 3178 Midland, TX 79702 915 571-3976

10. FIELD AND POOL, OR WILDCAT: Lusk Delaware, West

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: UL - C, 990' FNL & 1880' FWL, Sec. 29, T19S, R32E
At proposed prod. zone: Same As Above

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 29, T19S, R32E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 40 miles West-Southwest of Hobbs, NM

12. COUNTY OR PARISH: Lea

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
990'	560	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
1312'	7200'	Rotary

21. ELEVATIONS (Show whether DF.RT, GR, etc.): GR 3561'

22. APPROX. DATE WORK WILL START*: December 9, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8", J-55	54.5#	~~425'~~ 850'	675 sx
12 1/4"	8 5/8", J-55	24# & 32#	4200'	1860 sx - Two Stage
7 7/8"	5 1/2", K-55	15.5#	7200' TD	900 sx

SUBJECT TO LIKE APPROVAL BY STATE

RECEIVED
1997 SEP -8 A 9:53
BUREAU OF LAND MGMT.
ROSWELL OFFICE

SEE ATTACHED

36324
16683
41540
10/29/97
30-025-34172

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 R. Danny Coghill TITLE Engineer Supervisor DATE 9/2/97

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE ADM. MINERALS DATE 10-22-97

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NM LC063586

6. If Indian, Allottee or Tribe Name: NA

7. If Unit or CA, Agreement Designation: Southern California Federal Unit

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: 14 WIW

2. Name of Operator: Pioneer Natural Resources USA, Inc.

9. API Well No.: 30-025-34172

3. Address and Telephone No.: P. O. Box 3178, Midland, TX 79702 915 571-3937

10. Field and Pool, or Exploratory Area: Lusk Delaware, West

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): UL - C, 990' FNL & 1880' FWL, Sec. 29, T19S, R32E

11. County or Parish, State: Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(1) Disregard requested approval for the injection line construction. We will conduct an archaeological survey for the injection line at a later date.

(2) Request approval for well pad and access road construction.

(3) Request setting 825' of 13 3/8" Surface Casing in place of 850' of 13 3/8" Surface Casing.

RECEIVED
1997 OCT 21 A 11:08
BUREAU OF LAND MANAGEMENT
ROSWELL, NEW MEXICO RESOURCE AREA

14. I hereby certify that the foregoing is true and correct

Signed Scott A. Ledbetter Title Operations Engineer Date 10/20/97

(This space for Federal or State office use)

Approved by [illegible] Title ADM. MINERALS Date 10-22-97

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

ATTACHMENT
Southern California Federal Unit #14 WIW

The operator proposes to drill to a depth sufficient to test all of the Delaware Sands for oil. If productive, 5 ½" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific plans, as per On Shore Oil & Gas Order #1 are included in the following attachments

DRILLING PROGRAM

Exhibit #1 - BOPE Schematic

SURFACE USE AND OPERATING PLAN

Exhibit #2 - Location & Elevation Plat
Exhibit #3 - Lease Road & Topo Plat
Exhibit #4 - Highway Access Plat
Exhibit #5 - Existing Wells in One Mile Radius
Exhibit #6 - Water Injection System - Schematic
Exhibit #7 - Water Injection Distribution Lines
Exhibit #8 - Water Injection System - Topo Plat
Exhibit #9 - Drilling Rig Layout - Schematic

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-2[illegible]	41540	Lusk Delaware, West

Property Code	Property Name	Well Number
016683	Southern California Federal	14W
OGRID No.	**Operator Name**	**Elevation**
036324	Pioneer Natural Resources USA, Inc.	3561

Surface Location

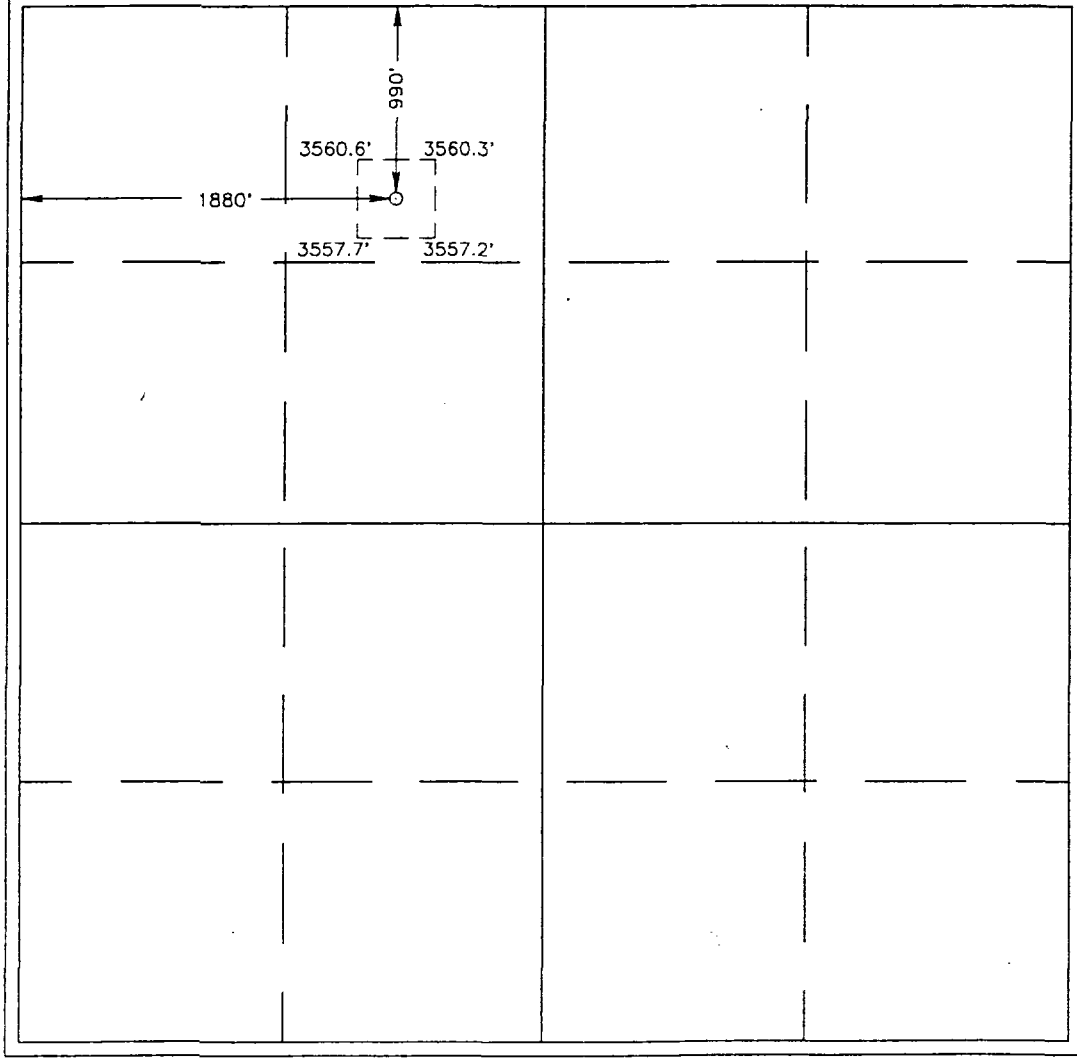
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	19 S	32 E		990	NORTH	1880	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Scott H. Lackey
Printed Name

Operations Engineer
Title

8/19/97
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

JUNE 10, 1997
Date Surveyed DMCC

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
3239
REGISTERED PROFESSIONAL SURVEYOR

6-12-97

97-11-0958

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY L. EIDSON 12641

DRILLING PROGRAM

Attached to Form 3160-3
Pioneer Natural Resources USA, Inc.
Southern California Federal Unit No. 14 WIW
1880' FWL & 990' FSL
NE/NW, Sec. 29, T19S, R32E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

   Quaternary Alluvium & Bolson deposits (dune sand; sandy, silty clay)

2. Estimated Tops of Important Geologic Markers:

Rustler	775'	Base Brushy	7010'
Yates	2600'	Base Sand Springs	7180'
Capitan Reef	2780'		
Base Capitan Reef	4380'		
Top Delaware	4380'		
Manzanita	5530'		

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Surface Water Sands	above 250'	Fresh water
Yates	2600'	Oil
Delaware	4380' to 7180'	Oil

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 13-3/8" casing at 850' +/- and circulating cement to the surface. Potash will be protected by setting 8-5/8" casing at 4200'+/- and circulating cement back to the surface with the use of a stage tool at 2600'+/- . In the event 5-1/2" production casing is set, sufficient cement volume will be pumped to attempt to fill the entire annular area from TD to 250' above DV Tool located @ 2600' +/-.

4. Casing Program:

Hole Size	Interval	OD csg	Weight,Grade, Jt.,Cond.Type
17-1/2"	0 - 850'	13-3/8"	54.5#, J-55, ST&C, New
12-1/4"	0 - 2600'	8-5/8"	24#, J-55, ST&C, New
12-1/4"	2600 - 4200'	8-5/8"	32#, J-55, ST&C, New
7-7/8"	0 - 7200'	5-1/2"	15.5#, K-55, LT&C, New

Cementing Program:

13-3/8" Surface Casing	475 sx 35/65 Poz "C", 6% gel., 5% salt, 1/4#/sx cellophane flakes; followed by 200 sx "C", 2% CaCl, 1/4#/sx cellophane flakes.
8-5/8" Intermediate: (Stage Tool @ 2600')	1st stage: 685 sx 50/50 Poz "C", 10% gel., 5% salt, followed by 200 sx "C", 1% CaCl.
	2nd stage: 825 sx 50/50 Poz "C", 10% gel., 5% salt, followed by 150 sx "C", 2% CaCl.
5-1/2" Production Casing:	900 sx 50/50 Poz "C", 2% gel., 5% salt, 0.5% FL-25 (Fluid Loss). This is designed to bring cement to surface.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 PSI WP) preventer and a bag-type (Hydril) preventer (3000 PSI WP). Both units will be hyraulically operated and the ram-type preventer will be equipped with blind rams on top and 4-1/2" drill pipe rams on bottom. Both BOP's will be installed on the 13-3/8" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 1000 PSI before drilling out of surface casing. Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 3000 PSI and the bag-type (Hydril) preventer will be tested to 70% of rated working pressure (2100 PSI).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily time sheets.

A 2" kill line and a 3" choke line will be installed on the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include the choke lines and choke manifold (3000 PSI WP), kelly cock and floor safety valve (inside BOP).

6. Types and Characteristics of the Proposed Mud System:

This well will be drilled to TD with a combination of fresh water, brine and fresh water polymer systems. The applicable depths and properties of systems are planned as follows:

DEPTH	TYPE	WEIGHT (ppg)	VISCOSITY (Sec)	WATER LOSS (cc)
0 - 850'	Fresh Water-Gel	8.4 - 8.9	30 - 32	25 cc - N/C
850 - 4200'	Brine Water	9.9 - 10.1	28 - 29	N/C
4200 - 6000'	Fresh Water	8.4 - 8.5	28	N/C
6000 - TD	Fresh Water, Gel, Polymer	8.7 - 9.1	30 - 36	12 cc or less

Loss of circulation may occur in the Capitan Reef at about 2800'. If loss can not be corrected reasonably, it may be necessary to dry-drill from the loss depth to 4200'+/- . Sufficient mud mixing materials to maintain the mud properties and to meet reasonable lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. Auxiliary Well Control and Monitoring Equipment:

A. A fully opened, fully serviceable drillpipe stabbing valve (inside BOP) with proper drillpipe connections will be on the rig floor at all times.

B. No H2S gas or abnormal pressures are known to exist, in this heavily developed area, down to the proposed TD. Therefore, no pit-volume totalizing system will be employed. The drilling fluid system will be visually monitored at all times.

8. Logging, Testing and Coring Program:

A. No drill stem tests are planned for this well.

B. Open hole electric logs at TD are planned to be as follows:

Compensated Neutron w/Z-Density & GR & Caliper from TD to 4200'; Gamma-Ray to surface.

C. No conventional cores are planned

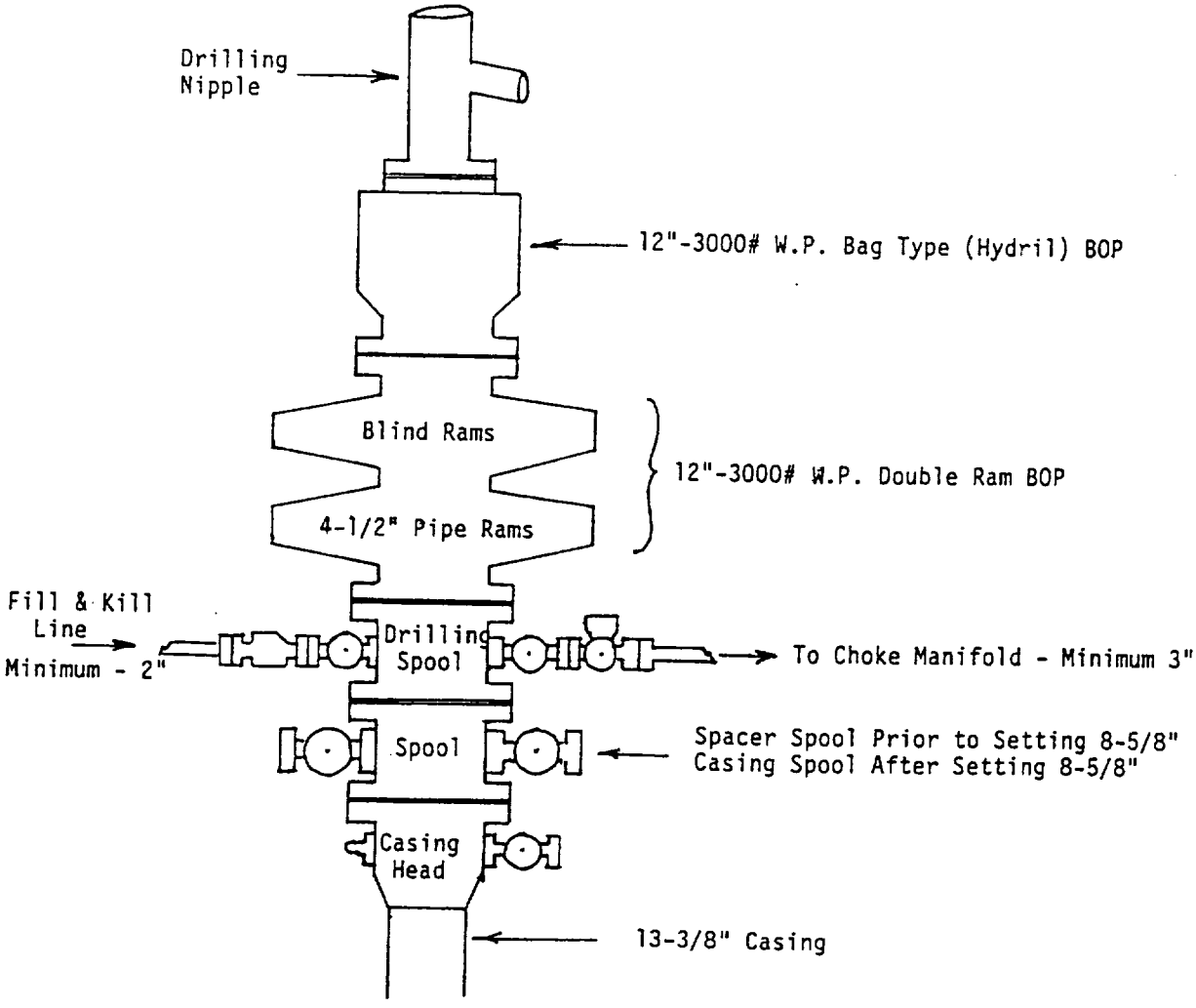
D. Additional evaluation may be required by the company geologist based on drilling shows and log evaluation.

9. Abnormal Conditions, Pressures, Temperatures and Potential Hazards:

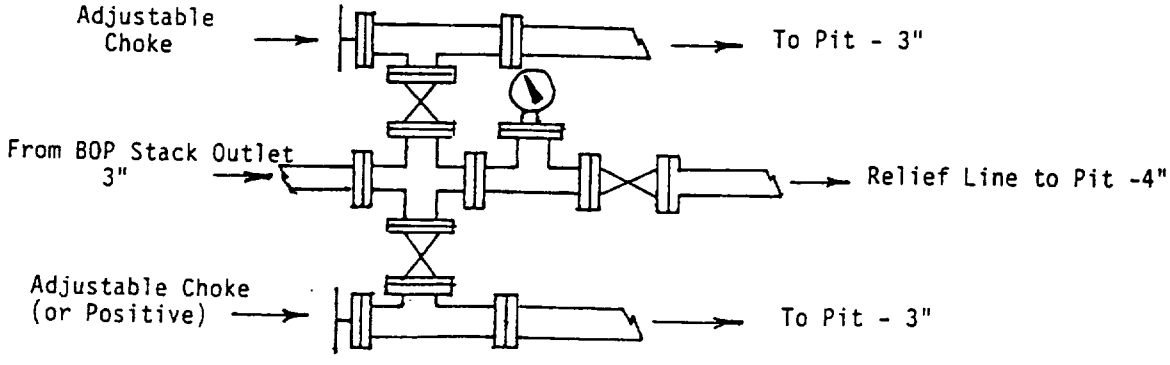
No abnormal pressures or temperatures are anticipated. The estimated bottom hole temperature (BHT) at TD is expected to be 135°F and the estimated maximum bottom hole pressure (BHP) is 2800 PSI. No H2S or other hazardous gases or fluid have been encountered, reported or are known to exist to this depth in this area. Some wells in this area have encountered severe to total loss of circulation in the Capitan Reef at about 2800'. If this occurs at this location, several attempts will be made to regain circulation, but if it appears necessary, the well will be dry-drilled to the intermediate casing depth of 4200'+/- .

10. Anticipated Starting Date and Duration of Operations:

Location construction work will not begin until approval has been received from the BLM. The anticipated spud date will be around December 9, 1997. Once commenced, the drilling operations should be completed in approximately twenty (20) days. If the well is productive, an additional thirty (30) days will be required for completion and testing before a decision is made to tie into permanent water injection facilities.



CHOKE MANIFOLD SCHEMATIC
(3000 PSI W P)



Parker & Parsley Development L.P.

BOPE SCHEMATIC (3000 PSI W.P.)
Southern California Federal Unit No. 14 WIW
Lea County, New Mexico
Scale: 1"= 50' Date: June 1997
EXHIBIT #1

ATTACHMENT TO EXHIBIT #1
Notes Regarding the Blowout Preventers
Southern California Federal Unit #14 WIW
Lea County, New Mexico

1. The drilling nipple is to be constructed so that it can be removed without the use of a cutting torch and will have a minimum ID equal to the BOP bore.

2. Blowout preventer and all related equipment and fittings must be in good working condition and be 3000 PSI W.P. minimum.

3. All fittings and valves on the kill line, choke line and choke manifold are to be flanged.

4. All choke and kill lines are to be securely anchored, with special attention to the ends of all choke lines.

5. The blowout preventer control is to be located as close to the driller's position as feasible.

6. The blowout preventer closing equipment is to include a minimum of a 40 gallon accumulator with two independent sources of pump power on each closing unit installation. All closing equipment must meet API specifications for this equipment.

7. Hand wheels are to be properly installed and operable.

8. A safety valve, in full open position, must be readily available on the rig floor at all times with the proper drill pipe threads. This valve is to be full bore and 3000# W.P. minimum.

SURFACE USE AND OPERATING PLAN

Attached to Form 3160-3
Pioneer Natural Resources USA, Inc.
Southern California Federal Unit No. 14 WIW
1880' FWL & 990' FSL
NE/NW, Sec. 29, T19S, R32E
Lea County, New Mexico

1. Existing Roads:

   A. The wellsite and elevation plat for this proposed well is shown in Exhibit #2. This well was staked by John West Engineering of Hobbs, New Mexico.

   B. All roads to the location are shown in Exhibit #3. The existing caliche roads are illustrated in dashed lines. A main North-South connecting access road will be constructed along the east quarter section line. The proposed access road will tie into the existing lease road. Up-grading of the existing road prior to drilling will be done where necessary as determined during the on-site inspection. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease.

   C. Directions to Locations: Go West out of Hobbs, New Mexico, on U. S. Highway 62/180 for 37 miles to N.M. Highway 243. From the intersection of Hwy. 176 & Hwy. 62/180, go North on FM 243 4.4 miles. Turn right on Road #126, go 4.7 miles turn right through cattle guard, go .3 miles turn left to location. Exhibit #4 shows this route to location.

2. Proposed Access Road:

   As shown on Exhibit #3, the existing lease road passes south of the proposed well sight. A 155' North-South caliche road will be constructed just south of the drilling location to serve as an access road.

3. Location of Existing Wells:

   Exhibit #5 shows all existing wells within a one-mile radius of this well. Production in this area is found in the Yates, Delaware, Bone Springs, Strawn and Morrow horizons.

4. Location of Existing and/or Proposed Facilities if Well is Productive:

   A. Pioneer Natural Resources USA, Inc. plans to construct a waterflood pump station serving this well: Lusk, W. (Delaware) Unit - WF Pump Station - Unit Letter "O", Sec. 20.

B. If this well is productive, it is planned that water injection will be delivered by a fiberglass distribution line to the well #14 WIW of this Section 29. This waterflood pump station facility and water injection distribution lines are diagramed on Exhibit #6, #7 and #8

C. The fiberglass distribution lines will be 3" & 2" Smith FG pipe buried to a depth of about 30". It is proposed that this line will be laid along the west side of the proposed main North-South road. Starting from the wellhead, a 2" FG line will run 100' north then 1968' east and finally connect into the 3" main water distribution line. The proposed route for this water injection distribution line is shown on Exhibit #8.

5. Location and Type of Water Supply:

This well will be drilled using a combination of fresh water and brine mud system as indicated in the drilling program. The water will be obtained from commercial water stations in the area and hauled to the location by transport truck over the existing access roads or from the Carlsbad City water line as shown in Exhibit #3. The proposed main North-South caliche road and access road to the drilling location is also shown in Exhibit #8. No water well will be drilled on this location.

6. Construction Materials:

The drilling pad will be constructed by using caliche, watered, rolled and packed to 6" thickness. This material (approximately 1500 cubic yards) will be obtained from a BLM approved caliche pit in the vicinity. New proposed road construction will also use caliche, watered, rolled and packed for vehicle use.

7. Methods of Handling Waste Disposal:

A. Drill cuttings will be disposed of by putting them in the reserve pit.

B. Excess drilling fluid will be disposed of into the reserve pit. The reserve pit will be approximately 125' x 125' x 6' deep and will be lined with a 6 mil plastic to minimize the loss of fluid to the ground surface. The reserve pit will be fenced on three sides while drilling and the fourth side closed with fence immediately following the rig removal.

C. Water produced from the well during drilling or completion operations maybe disposed of into the reserve pit or into a steel tank for transport to an approved disposal system. Oil produced during the completion and testing operations will

be contained in steel tanks and transported by truck to the battery or to sale.

D. A portable chemical toilet will be provided on location for human waste during the drilling and completion operations.

E. A trash trailer will be utilized to contain all trash and garbage. This trash will be disposed of in an approved garbage disposal site. No hazardous chemicals or toxic waste will be utilized in, or generated by, this operation.

F. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned up within 30 days. No unnecessary materials will be left on the location.

8. Ancillary Facilities:

No campsite, airstrip or other facilities will be built as a result of the operations contemplated on this well.

9. Wellsite Layout:

A. The drilling pad layout is shown in Exhibit #9. Dimensions of the proposed pad and reserve pit are shown. Because the site area is almost level in its natural state, no major cuts or fills will be required. Top soil from the reserve pit construction will be stock piled as per BLM specifications.

B. Exhibit #9 shows the planned orientation of the rig and associated major components. No permanent living quarters are planned but a temporary foreman/tool-pusher's trailer will be on location during the drilling operations.

C. The reserve pit will be lined with a 6 mil plastic liner made for that purpose.

10. Plans for Restoration of the Surface:

A. When the drilling rig is removed, the reserve pit will be completely fenced off to prevent livestock and wild life from getting into it. Any oil on the surface of the fluid will be removed as much as feasible. The fluid in the pit will be allowed to evaporate until the material is reasonably dry. This drying is expected to require about 120 days. The pit will be broken out and allowed to dry a few more days and then leveled. The original top soil will be returned to the pit area and contoured to match the original topography as close as is feasible. All trash and loose pit lining material will be removed and hauled away to an approved disposal site.

B. If this well is completed as a active water injection well, the pit area will be treated as indicated above. The caliche from any area of the drilling pad not needed for water injection operations or facilities will be removed and used for road and location construction or repair, or if not needed, returned to the caliche pit from which it was taken.

C. If this well is plugged and abandoned the reserve pit will be treated as indicated in "A" above. The caliche will be removed from the drilling location and returned to the pit from which it was taken. The original top soil will be returned to the entire location which will be leveled and contoured to as nearly the original topography as possible.

D. Any restored area will be revegetated by re-seeding, during the proper planting time, with a seed mixture of grasses as recommended by the BLM.

11. Surface Ownership:

The wellsite and lease is entirely on Federal surface.

12. Other Information:

A. The area around the wellsite is brushy grassland with a very sandy top soil. The vegetation is native grasses with abundant oak brush, sage brush, yucca and prickly pear.

B. There is no permanent water or live streams of water in the immediate area.

C. A Cultural Resources Examination has been completed and the report has been forwarded to the BLM Office.

13. Lessee's or Operator's Representative and Certification:
The Pioneer Natural Resources USA, Inc. representative responsible for assuring compliance with the surface use plan is the following:

Mr. David Shrauner, Lusk Field Superintendent
Drawer E
Kermit, TX 79745

Resident Phone: 915/586-5818
Office Phone: 915/586-6511
Mobile Phone: 915/556-0188

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Pioneer Natural Resources USA, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

DATE: 8/21/97 SIGNED Scott H. Lackey

Scott H. Lackey, Operations Engineer

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-34172	41540	Lusk Delaware West

Property Code	Property Name	Well Number
016683	Southern California Federal	14W

OGRID No.	Operator Name	Elevation
036324	Pioneer Natural Resources USA, Inc.	3561

Surface Location

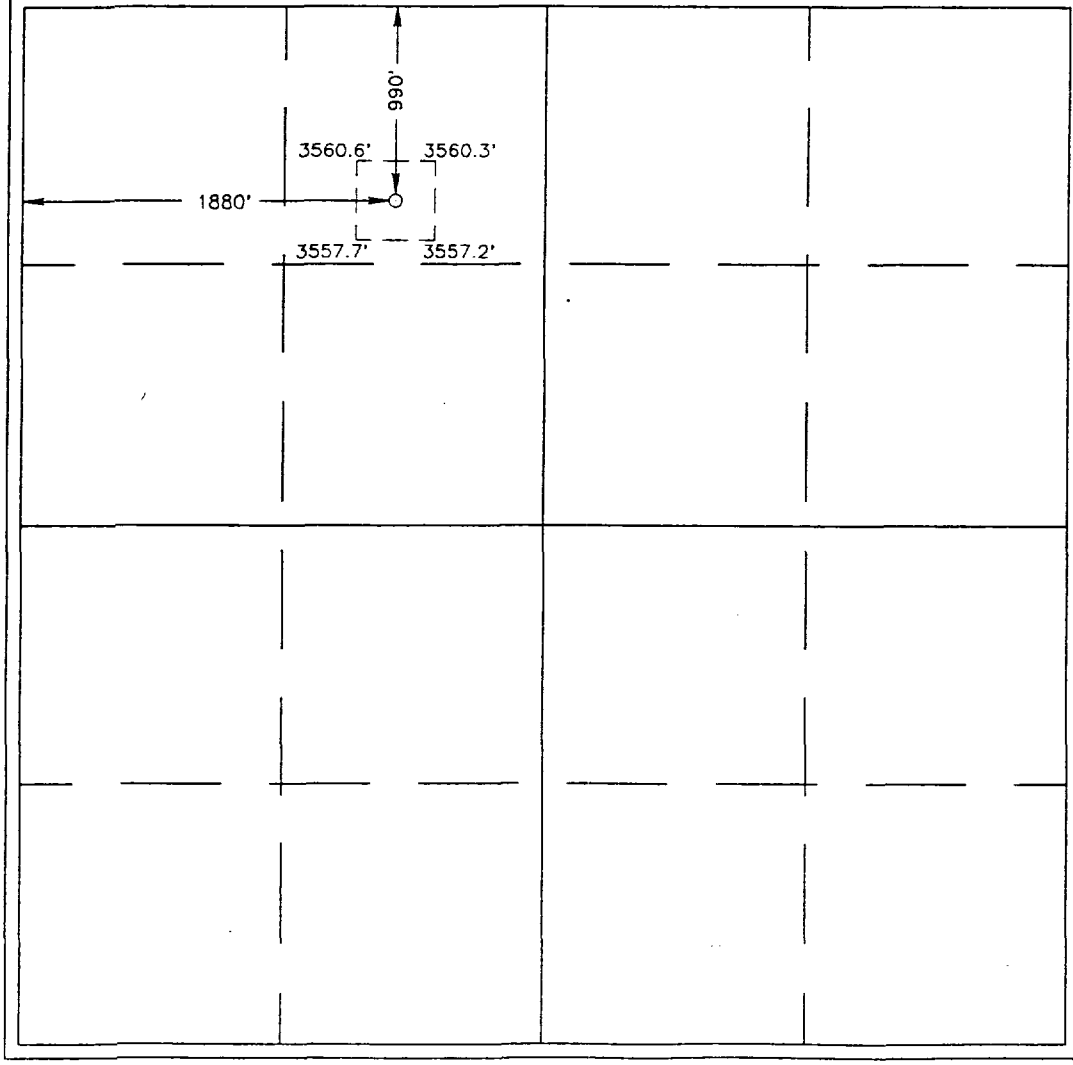
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	19 S	32 E		990	NORTH	1880	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Scott H. Lackey
Signature

Scott H. Lackey
Printed Name

Operations Engineer
Title

August 19, 1997
Date

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

JUNE 10, 1997
Date Surveyed DMCC

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR

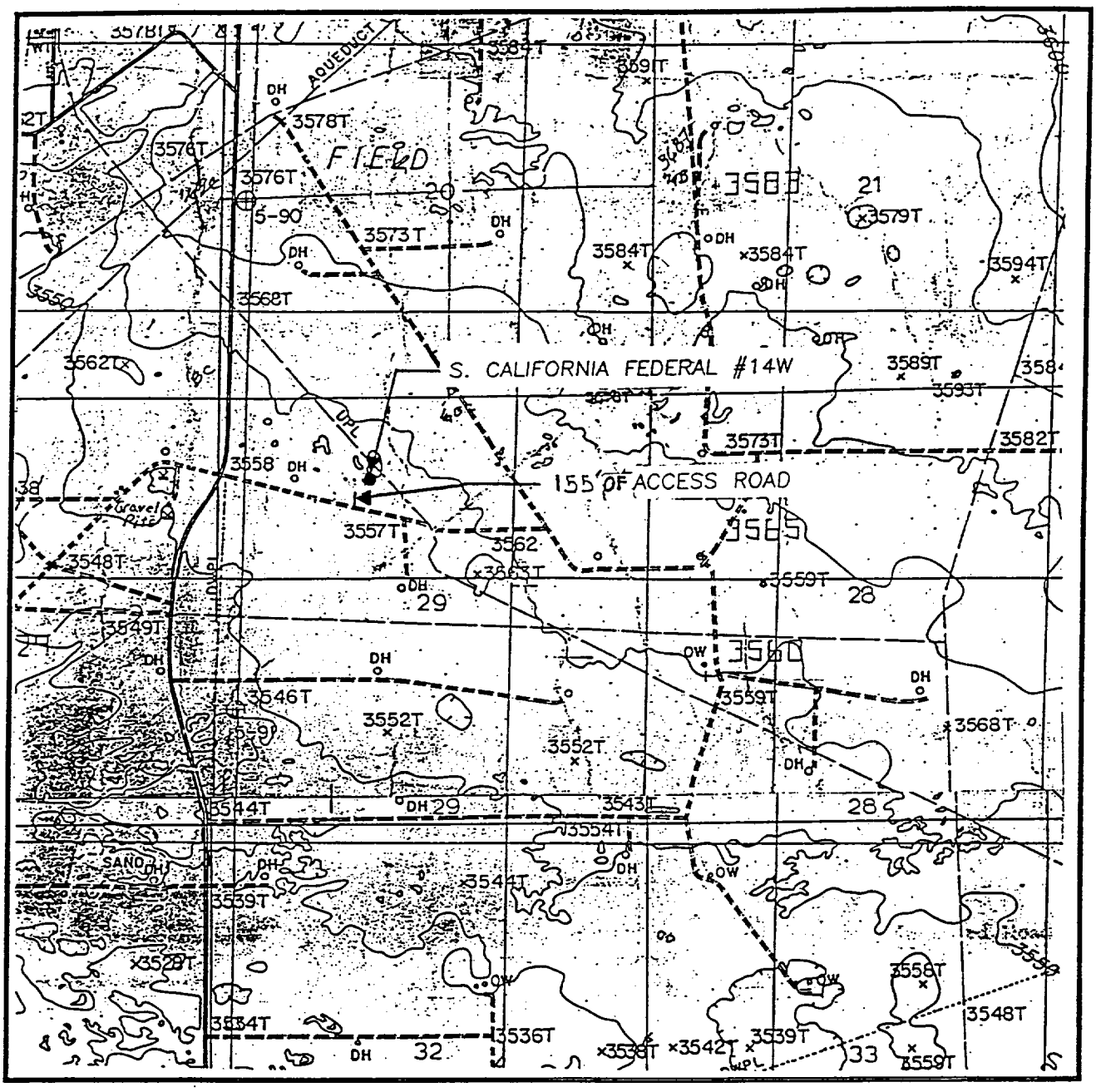
8-12-97
97-11-0958

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY L. EIDSON 12641

EXHIBIT #2

LOCATION VERIFICATION MAP

EXHIBIT #3



SCALE: 1" = 2000'

CONTOUR INTERVAL:
GREENWOOD LAKE – 10'
WILLIAMS SINKS – 10'

SEC. 29 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FNL & 1880' FWL

ELEVATION 3561

OPERATOR PARKER & PARSLEY PETROLEUM USA, INC.

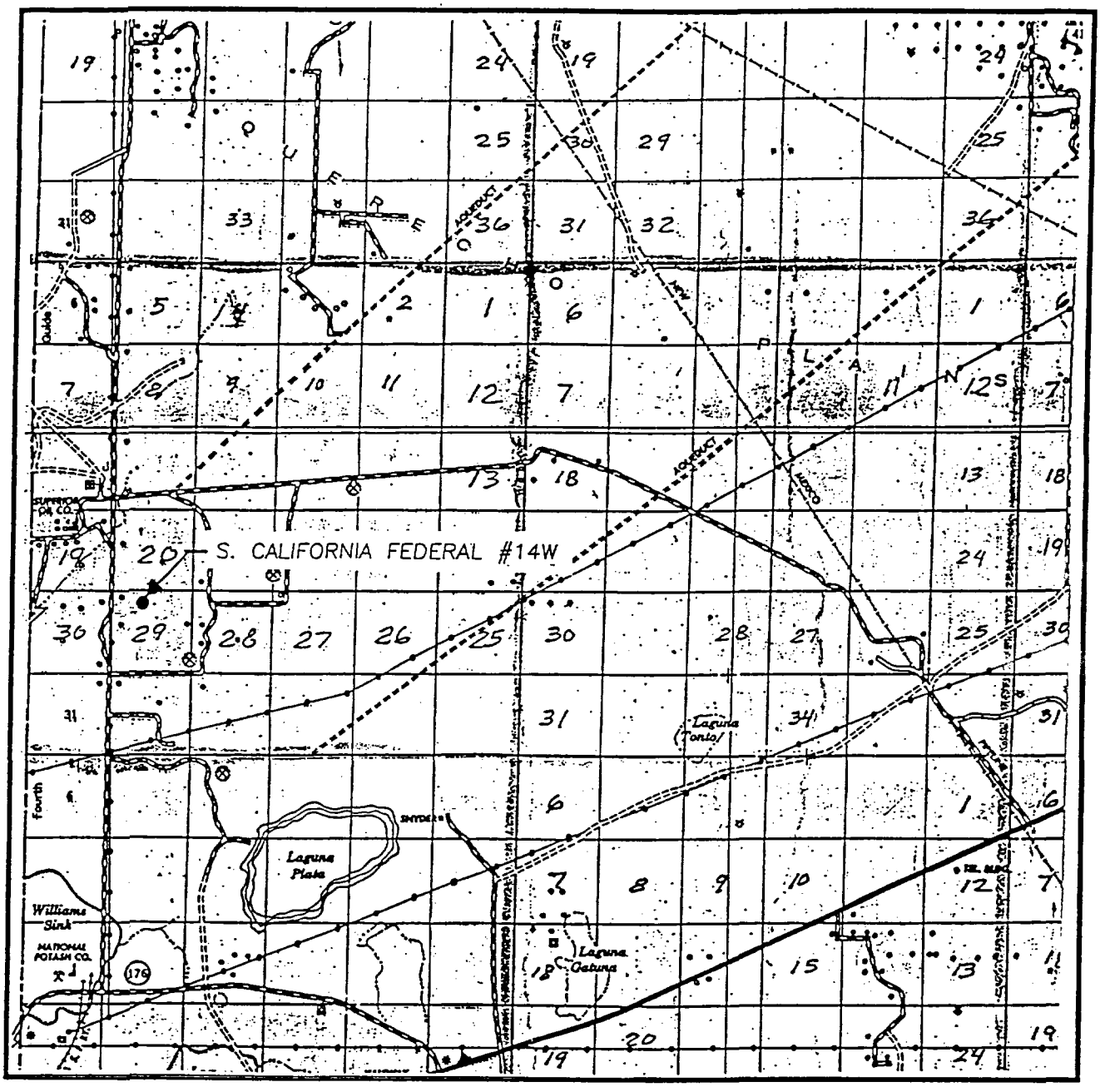
LEASE S. CALIFORNIA FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
GREENWOOD LAKE, WILLIAMS SINK, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP

EXHIBIT #4



SCALE: 1" = 2 MILES

SEC. 29 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

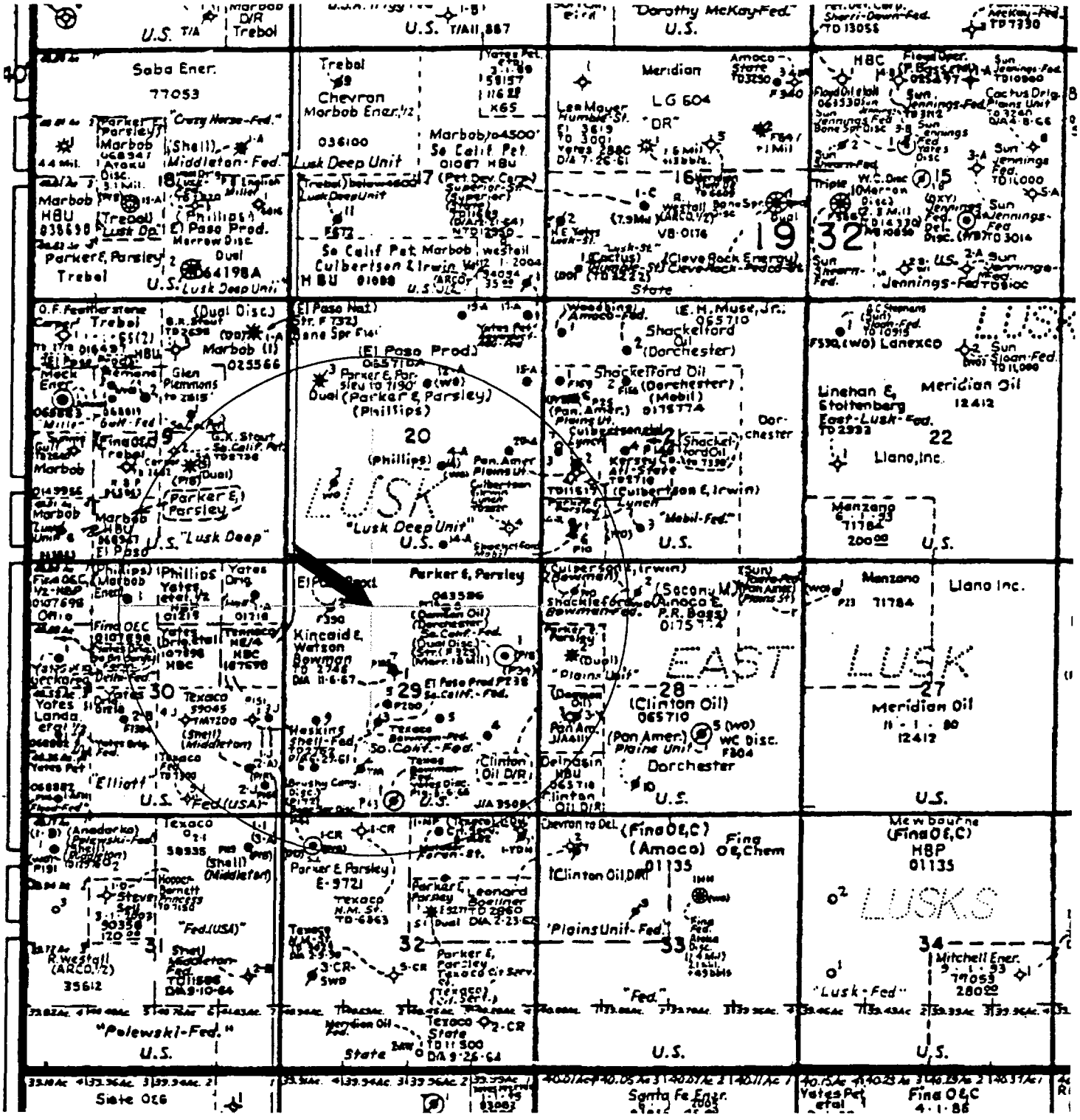
DESCRIPTION 990' FNL & 1880' FWL

ELEVATION 3561

OPERATOR PARKER & PARSLEY PETROLEUM USA, INC.

LEASE S. CALIFORNIA FEDERAL

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117



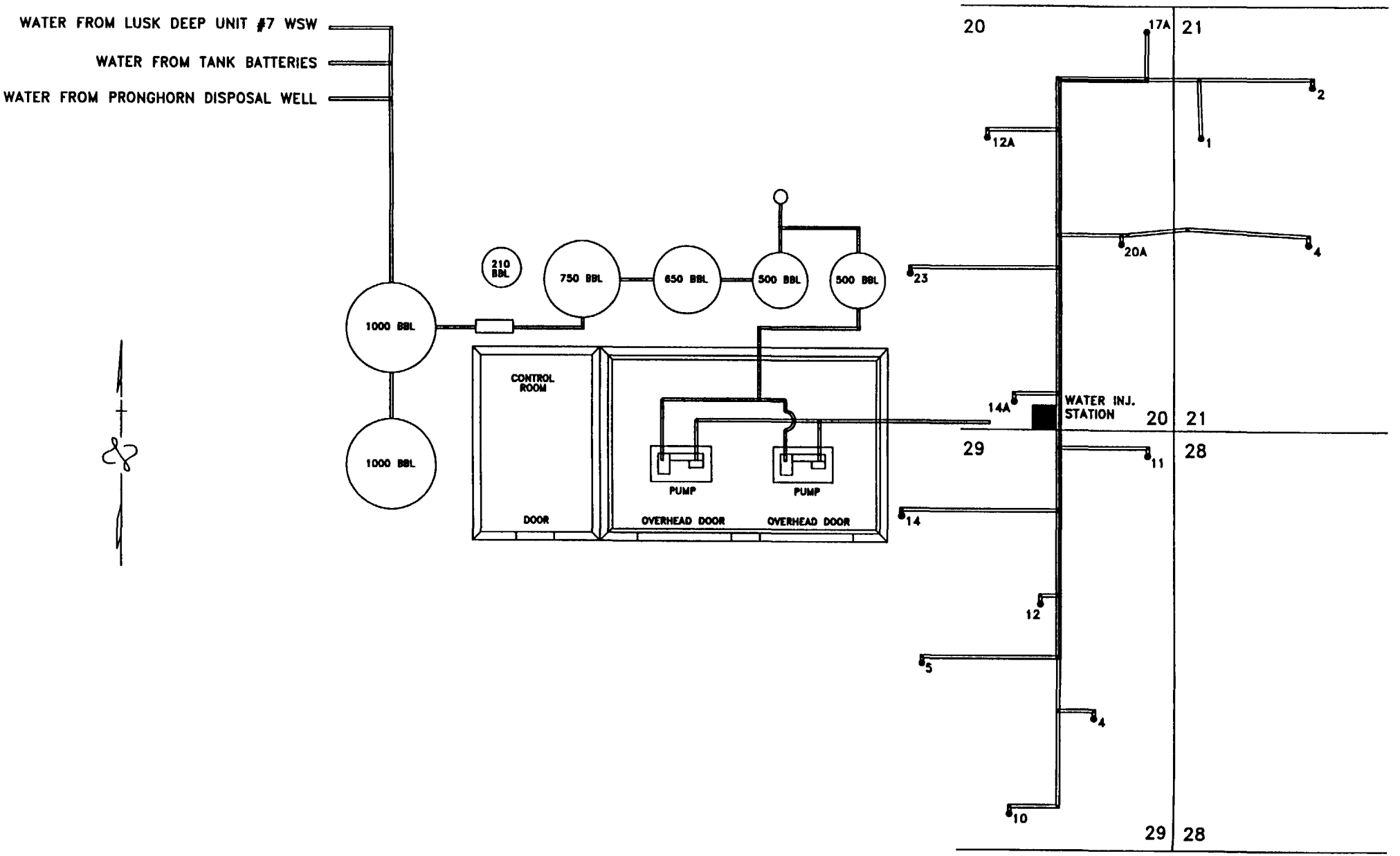
Parker & Parsley Development L.P.

Existing Wells In One Mile Radius
Southern California Federal Unit No. 14 WIW
Lea County, New Mexico
Date: June 1997

EXHIBIT #5

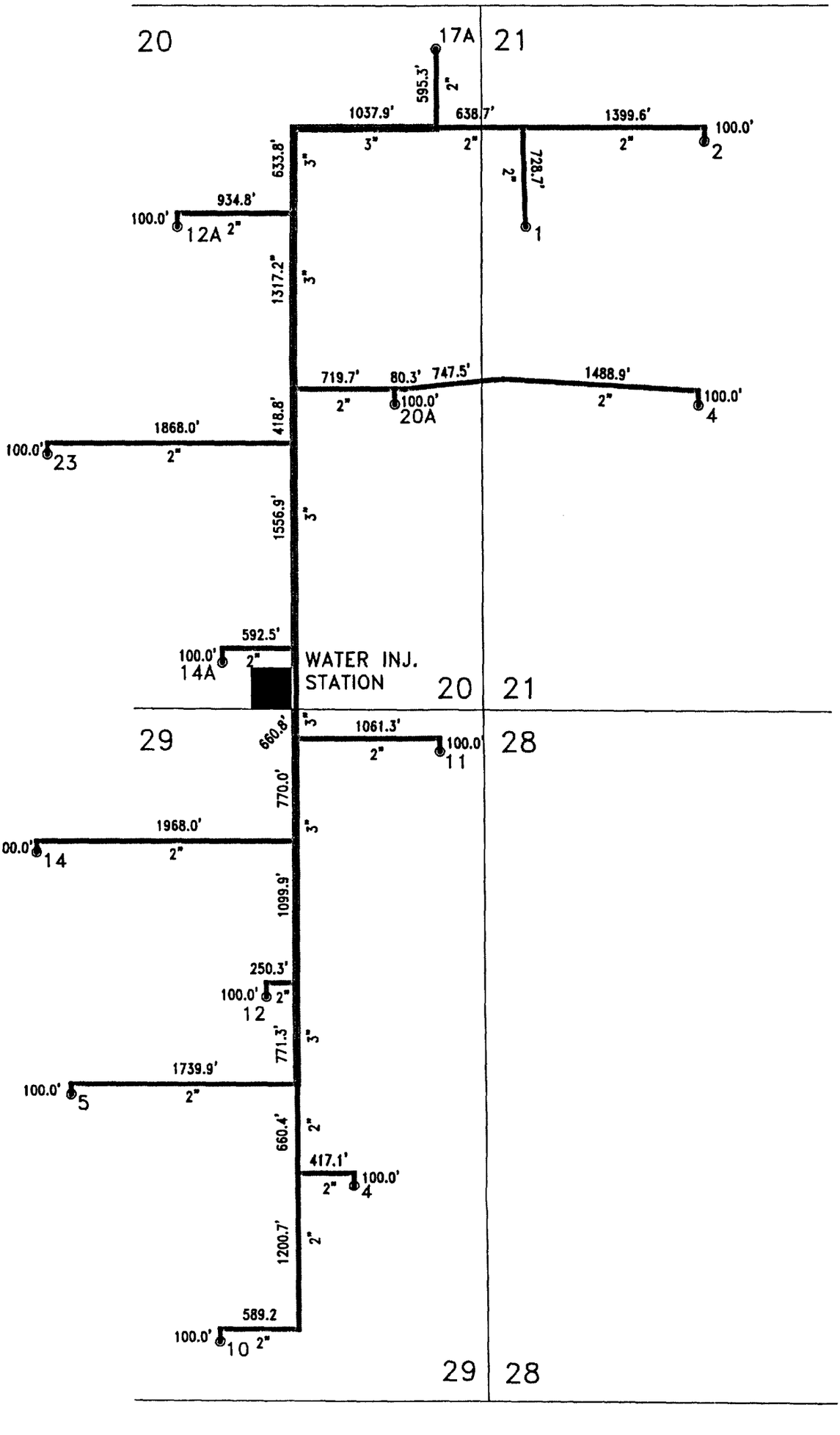
EXHIBIT #6

FACILITY SCHEMATIC
LUSK, W. DELAWARE WATERFLOOD
LUSK, W. FIELD, LEA COUNTY, NEW MEXICO



LUSK INJECTION DESIGN
SECTIONS 20,21 & 29, T-19-S, R-32-E
LEA COUNTY, NEW MEXICO

EXHIBIT #7

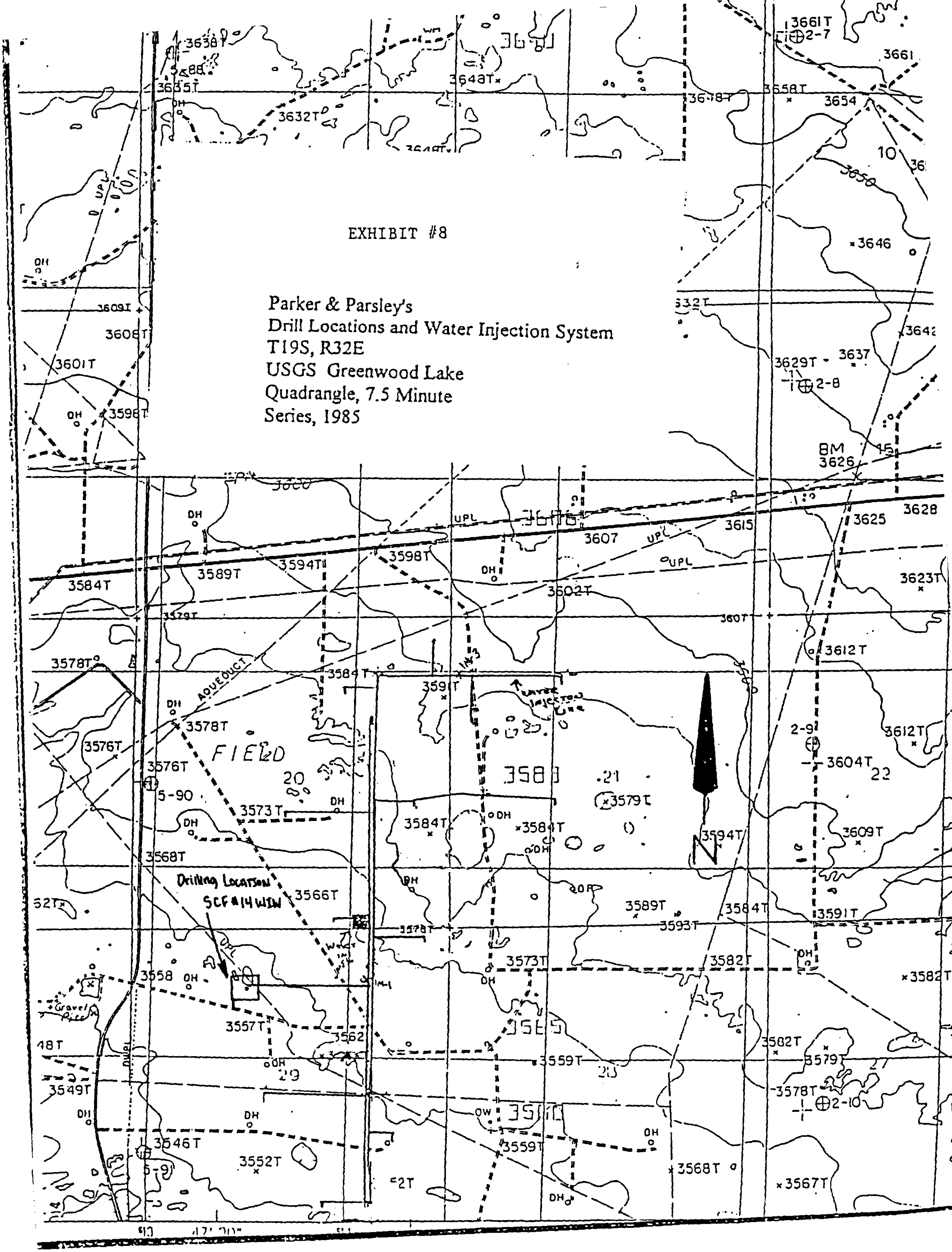


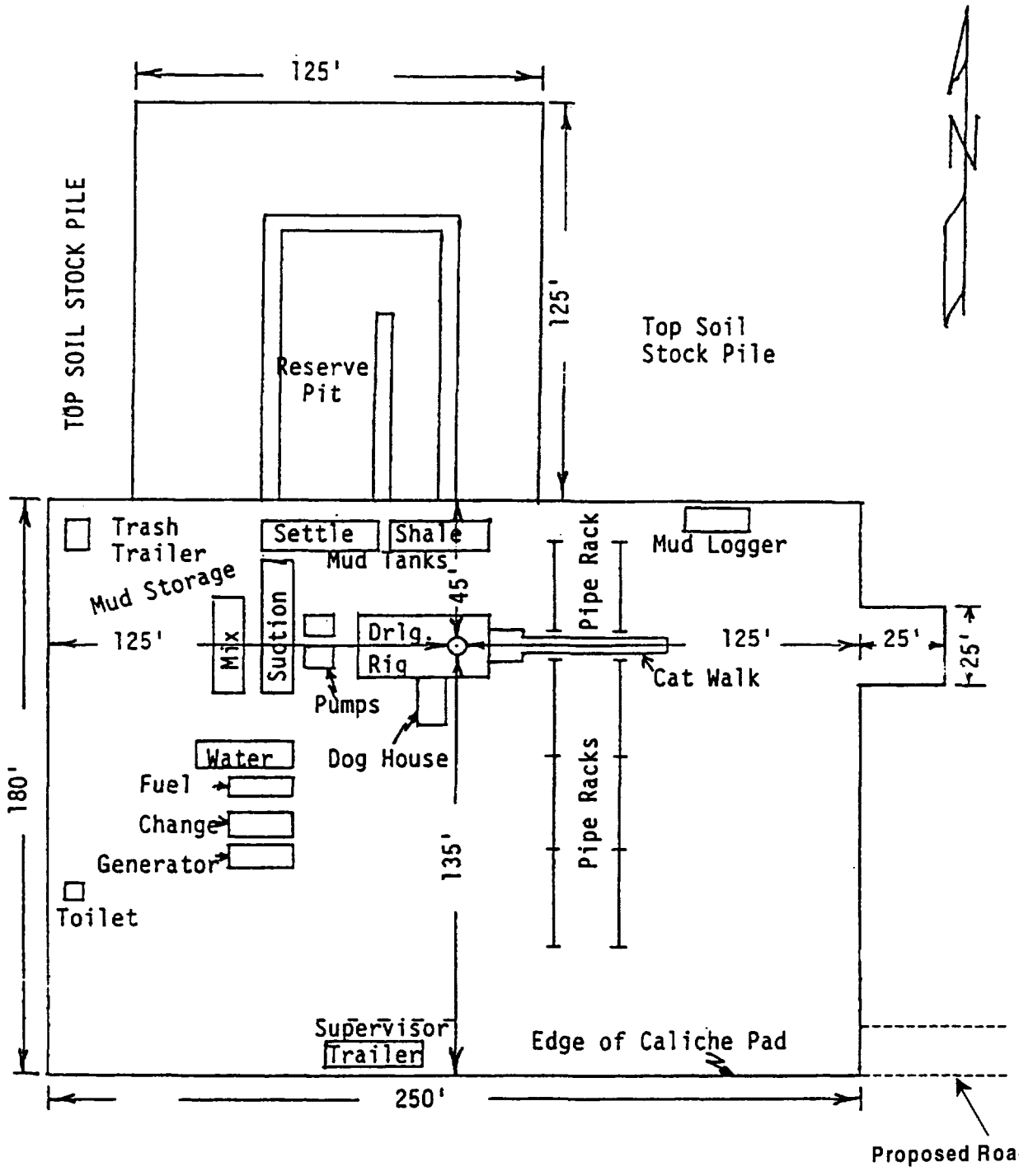
SCALE IN FEET

0 1000 2000 4000

EXHIBIT #8

Parker & Parsley's
Drill Locations and Water Injection System
T19S, R32E
USGS Greenwood Lake
Quadrangle, 7.5 Minute
Series, 1985





Parker & Parsley Development L.P.

Drilling Rig Layout
Southern California Federal Unit No. 14 WIW
Lea County, New Mexico
Scale: 1"= 50' Date: June 1997
EXHIBIT #9