



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

AMENDED COMMINGLING ORDER PC-849

Meridian Oil, Inc.
P.O. Box 51810
Midland, TX 79710-1810

Attention: Donna J. Williams

LEASE NAME: *Checkerboard "23" Federal Lease*
DESCRIPTION: *W/2, NE/4, W/2 SE/4 of Section 23, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico.*

The above-named company is hereby authorized to commingle Red Tank-Bone Spring and West Red Tank-Delaware Pool production in a common tank battery and to determine the production each from pool by separately metering the gas production from each well prior to commingling, and determining the oil production from each pool by well tests. (If this method is to be authorized, all commingled production must be of marginal nature; further, the operator shall notify the Santa Fe office of the Division in the event any well in the commingled battery becomes capable of top allowable production, at which time the Division will amend this order or take such other action as may be appropriate.)

FURTHER: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

DONE at Santa Fe, New Mexico, on this 21st day of March, 1994.

WILLIAM J. LEMAY,
Director

cc: Oil Conservation Division- Hobbs
US Bureau of Land Management - Carlsbad

MERIDIAN OIL

FEBRUARY 23, 1994

MR. DAVID CATANACH
OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504

RE: AMENDING OF PC-849

MR. CATANACH:

MERIDIAN OIL INC. RESPECTFULLY REQUESTS APPROVAL TO ADD THE FOLLOWING WELLS TO THE EXISTING COMMINGLING ORDER PC-849; AND FURTHERMORE ADD ANY SUBSEQUENT WELLS IN THE FUTURE THAT ARE ON THE SAME LEASE AS DESCRIBED AND IN EITHER THE WEST RED TANK DELAWARE AND RED TANK BONE SPRING POOLS.

CHECKERBOARD 23 FEDERAL # 3	F, 2310' FNL & 2295' FWL
CHECKERBOARD 23 FEDERAL # 4	C, 990' FNL & 1980' FWL
CHECKERBOARD 23 FEDERAL # 5	L, 990' FWL & 2310' FSL
CHECKERBOARD 23 FEDERAL # 6	M, 403' FWL & 879' FSL

ALL OF THESE WELLS ARE IN SECTION 23, T22S, R32E, FEDERAL LEASE NO: NM 81633
LEA COUNTY, NEW MEXICO.

PRODUCTION FROM THESE WELLS IS AS FOLLOWS:

WELL NAME	BOPD	OIL GRAVITY	MCFPD	FORMATION
Checkerboard 23 Fed. # 3	100	39.1	200	Delaware
Checkerboard 23 Fed. # 4	100	45.0	190	Bone Spring
Checkerboard 23 Fed. # 5	100	45.0	190	Bone Spring
Checkerboard 23 Fed. # 6	100	45.0	190	Bone Spring

A MAP IS ENCLOSED SHOWING THE LEASE NUMBER AND LOCATION OF ALL WELLS THAT WILL CONTRIBUTE PRODUCTION TO THE PROPOSED COMMINGLING/Common Storage Facility. All unitized/comunitized areas, producing zones/pools are also clearly illustrated.

THE STORAGE AND MEASURING FACILITY IS LOCATED AT THE SW4/SE4 OF SEC. 23, T22S, R32E, LEA COUNTY, NM.

ALL OF THE CHECKERBOARD WELLS WILL BE MEASURED PRIOR TO COMMINGLING

THE PROPOSED AMENDMENT OF PC 849 IS IN THE INTEREST OF CONSERVATION AND IN NO WAY WILL REDUCE THE QUALITY OF THE HYDROCARBON NOR WILL RESULT IN IMPROPER MEASUREMENT OF PRODUCTION. THE PROPOSED COMMINGLING IS NECESSARY FOR CONTINUED OPERATION OF THE ABOVE REFERENCED LEASE.

PLEASE FIND ATTACHED A COPY OF THE APPLICATION SUBMITTED AND APPROVED
BY THE BUREAU OF LAND MANAGEMENT AND A COPY OF THE ORIGINAL
COMMINGLING ORDER ISSUED NOVEMBER 8, 1993.

SINCERELY,

A handwritten signature in black ink, appearing to read "Donna J. Williams". The signature is written in a cursive style with a large initial "D".

DONNA J. WILLIAMS
PRODUCTION ASSISTANT
915-688-6943

APPLICATION FOR SURFACE COMMINGLING AND MEASUREMENT APPROVAL FOR TWO POOLS ON THE SAME LEASE.

**TO: BUREAU OF LAND MANAGEMENT
P.O. BOX 1778
CARLSBAD, NEW MEXICO 88221-1778**

MERIDIAN OIL INC. IS REQUESTING APPROVAL FOR SURFACE COMMINGLING AND MEASUREMENT OF HYDROCARBON PRODUCTION FROM THE WEST RED TANK DELAWARE POOL AND THE RED TANK BONE SPRING POOL ON LEASE NO. NM 81633; CHECKERBOARD 23 FEDERAL LEASE IN LEA COUNTY, NEW MEXICO.

<u>WELL NO.</u>	<u>LOC.</u>	<u>SEC.</u>	<u>TWP.</u>	<u>RNG.</u>	<u>FORMATION</u>
1	J	23	22S	32E	DELAWARE
2	O	23	22S	32E	BONE SPRING
3	F	23	22S	32E	DELAWARE
4 (PROPOSED)	C	23	22S	32E	BONE SPRING
5 (PROPOSED)	L	23	22S	32E	BONE SPRING
6 (PROPOSED)	M	23	22S	32E	BONE SPRING

PRODUCTION FROM THE WELLS INVOLVED IS AS FOLLOWS:

<u>WELL NAME AND NO.</u>	<u>BOPD</u>	<u>OIL GRAVITY</u>	<u>MCFPD</u>
CHECKERBOARD 23 FED # 1	230	39.1	230
CHECKERBOARD 23 FED # 2	92	45.0	190
CHECKERBOARD 23 FED # 3	100	39.1	200
CHECKERBOARD 23 FED # 4 (PRO)	100	45.0	190
CHECKERBOARD 23 FED # 5 (PRO)	100	45.0	190
CHECKERBOARD 23 FED # 6 (PRO)	100	45.0	190

THE PROPOSED OPERATION IS DESCRIBED IN DETAIL ON THE ATTACHED DIAGRAM.

A MAP IS ENCLOSED SHOWING THE LEASE NUMBER AND LOCATION OF ALL WELLS THAT WILL CONTRIBUTE PRODUCTION TO THE PROPOSED COMMINGLING/Common Storage Facility. All unitized/communitized areas, producing zones/pools are also clearly illustrated.

A schematic diagram is also attached which clearly identifies all equipment that will be utilized.

THE STORAGE AND MEASURING FACILITY IS LOCATED AT THE SW4/SE4 OF SEC. 23, T22S, R32E ON LEASE NO NM 81633, LEA COUNTY, NEW MEXICO. THE BLM WILL BE NOTIFIED IF THERE IS ANY FUTURE CHANGE IN THE FACILITY LOCATION.

DETAILS OF THE PROPOSED METHOD FOR ALLOCATING PRODUCTION TO CONTRIBUTING SOURCES IS AS FOLLOWS:

**WELL NO. 1 OIL AND GAS WILL BE METERED
WELL NO. 2 OIL WILL BE METERED AND GAS WILL BE CALCULATED
WELL NO. 3 OIL AND GAS WILL BE METERED WITH THE # 1 AND ALLOCATED BY WELL TESTS
WELL NO. 4 OIL WILL BE METERED AND GAS WILL BE CALCULATED
WELL NO. 5 OIL WILL BE METERED AND GAS WILL BE CALCULATED
WELL NO. 6 OIL WILL BE METERED AND GAS WILL BE CALCULATED**

EACH WELL HAS ITS OWN 3-PHASE HEATER TREATER. BOTH TREATERS ARE EQUIPPED WITH HALLIBURTON'S TURBINE FLOW METERS ON THE OIL DUMPS AND WATER DUMPS TO CONTINUOUSLY MEASURE THE OIL AND WATER VOLUMES FOR EACH WELL. WELL NO. 1 IS ALSO EQUIPPED WITH AN ORIFICE TEST METER TO MEASURE THE GAS VOLUMES. WELL NO. 2, 4, 5 & 6 GAS VOLUMES WILL BE CALCULATED BY SUBTRACTING THE VOLUME FOR WELL NO. 1 FROM THE TOTAL LEASE SALES VOLUME. WELL NO 3 IS COMMINGLED WITH WELL NO. 1 AND WILL BE ALLOCATED BY MONTHLY WELL TESTS.

THE WORKING INTEREST OWNERS HAVE BEEN NOTIFIED OF THE PROPOSAL.

THE PROPOSED COMMINGLING OF PRODUCTION IS IN THE INTEREST OF CONSERVATION AND WILL NOT RESULT IN REDUCED ROYALTY OR IMPROPER MEASUREMENT OF PRODUCTION.

THE PROPOSED COMMINGLING IS NECESSARY FOR CONTINUED OPERATION OF THE ABOVE REFERENCED FEDERAL LEASE.

WE UNDERSTAND THAT THE REQUESTED APPROVAL WILL NOT CONSTITUTE THE GRANTING OF ANY RIGHT OF WAY OR CONSTRUCTION RIGHTS NOT GRANTED BY THE LEASE INSTRUMENT. AND, WE WILL SUBMIT WITHIN 30 DAYS AN APPLICATION FOR RIGHT OF WAY APPROVAL TO THE BLM'S REALTY SECTION IN YOUR OFFICE IF WE HAVE NOT ALREADY DONE SO.

SIGNATURE:



NAME:

Donna Williams

TITLE:

Production Assistant

DATE:

December 20, 1993

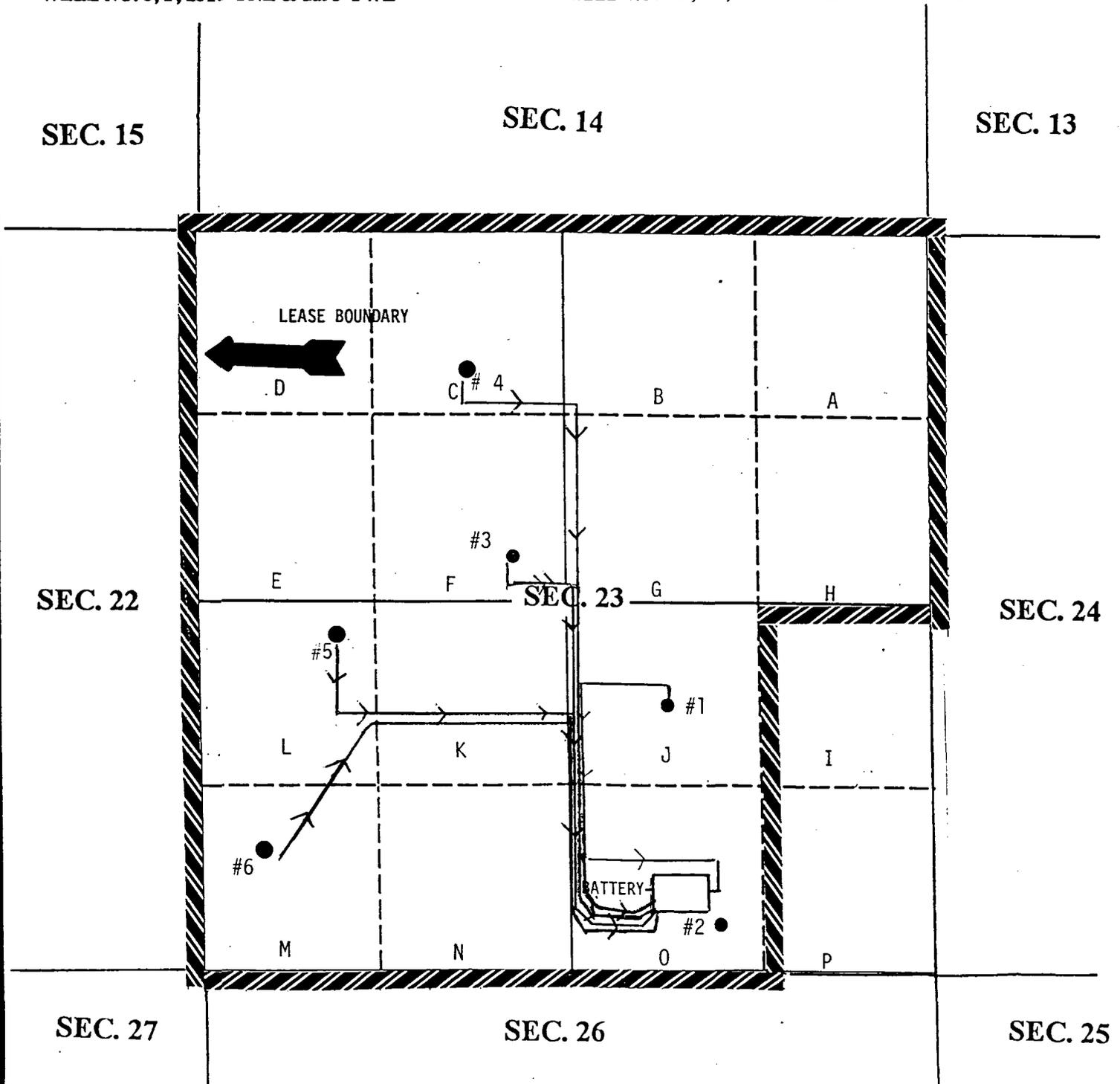
MERIDIAN OIL INC.
CHECKERBOARD 23 FEDERAL LEASE
LEASE NO. NM-81633
SEC. 23, T-22-S, R-32-E
LEA COUNTY, NEW MEXICO

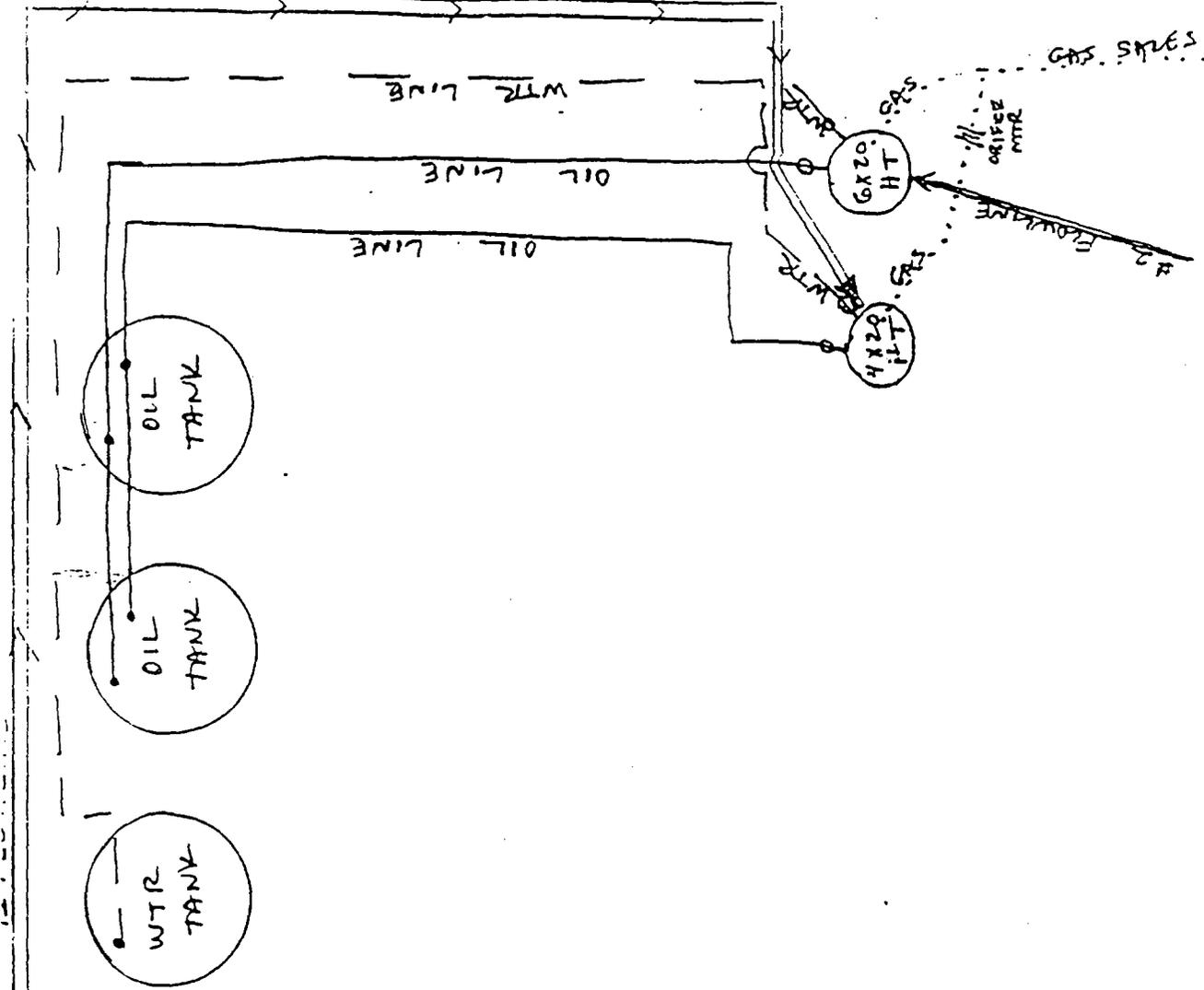
LEASE DESCRIPTION: 560 ACRES IN LEASE
ALL OF SECTION 23 EXCEPT FOR THE E/2 OF THE SE/4

WEST RED TANK DELAWARE POOL AND RED TANK BONE SPRING POOL

WELL NO. 1, J, 1980' FSL & 1980' FEL
WELL NO. 2, O, 330' FSL & 1650' FEL
WELL NO. 3, F, 2310' FNL & 2295' FWL

WELL NO. 4, C, 990' FNL & 1980' FWL
WELL NO. 5, L, 990' FWL & 2310' FSL
WELL NO. 6, M, 403' FWL & 879' FSL





MERIDIAN OIL INC.
 CHECKERBOARD "23" FEDERAL BATTERY
 SW/4 SE/4 SEC. 23, T-22-S, R-32-E
 LEA COUNTY, N.M.

(NOT TO SCALE)

APPLICATION FOR SURFACE COMMINGLING, OFF LEASE STORAGE, AND MEASUREMENT APPROVAL FOR TWO POOLS ON TWO LEASES.

**TO: BUREAU OF LAND MANAGEMENT
P.O. BOX 1778
CARLSBAD, NEW MEXICO 88221-1778**

MERIDIAN OIL INC. IS REQUESTING APPROVAL FOR SURFACE COMMINGLING, OFF LEASE STORAGE, AND MEASUREMENT OF HYDROCARBON PRODUCTION FROM THE WEST RED TANK DELAWARE POOL AND THE RED TANK BONE SPRING POOL ON LEASE NO. NM 81633; CHECKERBOARD 23 FEDERAL LEASE IN LEA COUNTY, NEW MEXICO, AND LEASE NO. NM 77058; RED TANK FEDERAL LEASE IN LEA COUNTY, NM

CHECKERBOARD 23 FEDERAL LEASE NM 81633

<u>WELL NO.</u>	<u>LOC.</u>	<u>SEC.</u>	<u>TWP.</u>	<u>RNG.</u>	<u>FORMATION</u>
1	J	23	22S	32E	DELAWARE
2	O	23	22S	32E	BONE SPRING
3	F	23	22S	32E	DELAWARE
4	C	23	22S	32E	DELAWARE
5	L	23	22S	32E	DELAWARE
6	M	23	22S	32E	DELAWARE

RED TANK FEDERAL LEASE NM 77058

1	N	14	22S	32E	DELAWARE
3 (Proposed)	P	14	22S	32E	DELAWARE
4 (Proposed)	J	14	22S	32E	DELAWARE

PRODUCTION FROM THE WELLS INVOLVED IS AS FOLLOWS:

<u>WELL NAME AND NO.</u>	<u>BOPD</u>	<u>OIL GRAVITY</u>	<u>MCFPD</u>
CHECKERBOARD 23 FED # 1	107	39.1	115
CHECKERBOARD 23 FED # 2	40	41.0	74
CHECKERBOARD 23 FED # 3	120	39.1	150
CHECKERBOARD 23 FED # 4	280	39.1	200
CHECKERBOARD 23 FED # 5	130	45.0	190
CHECKERBOARD 23 FED # 6 (PRO)	100	39.1	190
RED TANK FEDERAL # 1 (PRO)	100	39.1	190
RED TANK FEDERAL # 3 (PRO)	100	39.1	190
RED TANK FEDERAL # 4 (PRO)	100	39.1	190

THE PROPOSED OPERATION IS DESCRIBED IN DETAIL ON THE ATTACHED DIAGRAM.

A MAP IS ENCLOSED SHOWING THE LEASE NUMBER AND LOCATION OF ALL WELLS THAT WILL CONTRIBUTE PRODUCTION TO THE PROPOSED COMMINGLING/Common STORAGE FACILITY. ALL UNITIZED/COMMUNITIZED AREAS, PRODUCING ZONES/POOLS ARE ALSO CLEARLY ILLUSTRATED.

A SCHEMATIC DIAGRAM IS ALSO ATTACHED WHICH CLEARLY IDENTIFIES ALL EQUIPMENT THAT WILL BE UTILIZED.

THE STORAGE AND MEASURING FACILITY IS LOCATED AT THE SW4/SE4 OF SEC. 23, T22S, R32E ON LEASE NO NM 81633, LEA COUNTY, NEW MEXICO. THE BLM WILL BE NOTIFIED IF THERE IS ANY FUTURE CHANGE IN THE FACILITY LOCATION.

DETAILS OF THE PROPOSED METHOD FOR ALLOCATING PRODUCTION TO CONTRIBUTING SOURCES IS AS FOLLOWS:

CHECKERBOARD 23 FEDERAL LEASE

ALL OF THE WELLS ON THE CHECKERBOARD 23 FEDERAL LEASE (NM 81633) AT VARIOUS TIMES OF THE MONTH ARE ROUTED TO A TEST VESSEL SITUATED BY THE COMMON STORAGE VESSEL TO BE INDIVIDUALLY TESTED. (WELL TESTS) ALL THE GAS IS METERED.

THE RED TANK FEDERAL LEASE (NM 77058) WELLS PRIOR TO GOING OFF LEASE TO THE COMMON STORAGE AND TEST VESSEL WILL BE SENT THRU A SATELLITE FOR ALLOCATION PURPOSES. ALL THE GAS IS ALSO MEASURED.

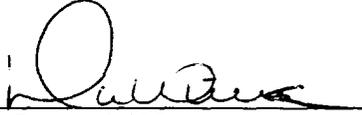
SEE ATTACHED DIAGRAMS.

MERIDIAN OWNS 100% OF THE RED TANK FEDERAL LEASE (NM 77058). MERIDIAN OWNS 87.6% OF THE CHECKERBOARD 23 LEASE (NM 81633). THE WORKING INTEREST OWNERS HAVE BEEN NOTIFIED AND HAVE NO OBJECTION TO THIS ARRANGEMENT.

THE PROPOSED COMMINGLING OF PRODUCTION IS IN THE INTEREST OF CONSERVATION AND WILL NOT RESULT IN REDUCED ROYALTY OR IMPROPER MEASUREMENT OF PRODUCTION.

THE PROPOSED COMMINGLING IS NECESSARY FOR CONTINUED OPERATION OF THE ABOVE REFERENCED FEDERAL LEASE.

WE UNDERSTAND THAT THE REQUESTED APPROVAL WILL NOT CONSTITUTE THE GRANTING OF ANY RIGHT OF WAY OR CONSTRUCTION RIGHTS NOT GRANTED BY THE LEASE INSTRUMENT. AND, WE WILL SUBMIT WITHIN 30 DAYS AN APPLICATION FOR RIGHT OF WAY APPROVAL TO THE BLM'S REALTY SECTION IN YOUR OFFICE IF WE HAVE NOT ALREADY DONE SO.

SIGNATURE: 
NAME: Donna Williams
TITLE: Production Assistant
DATE: 3/28/94

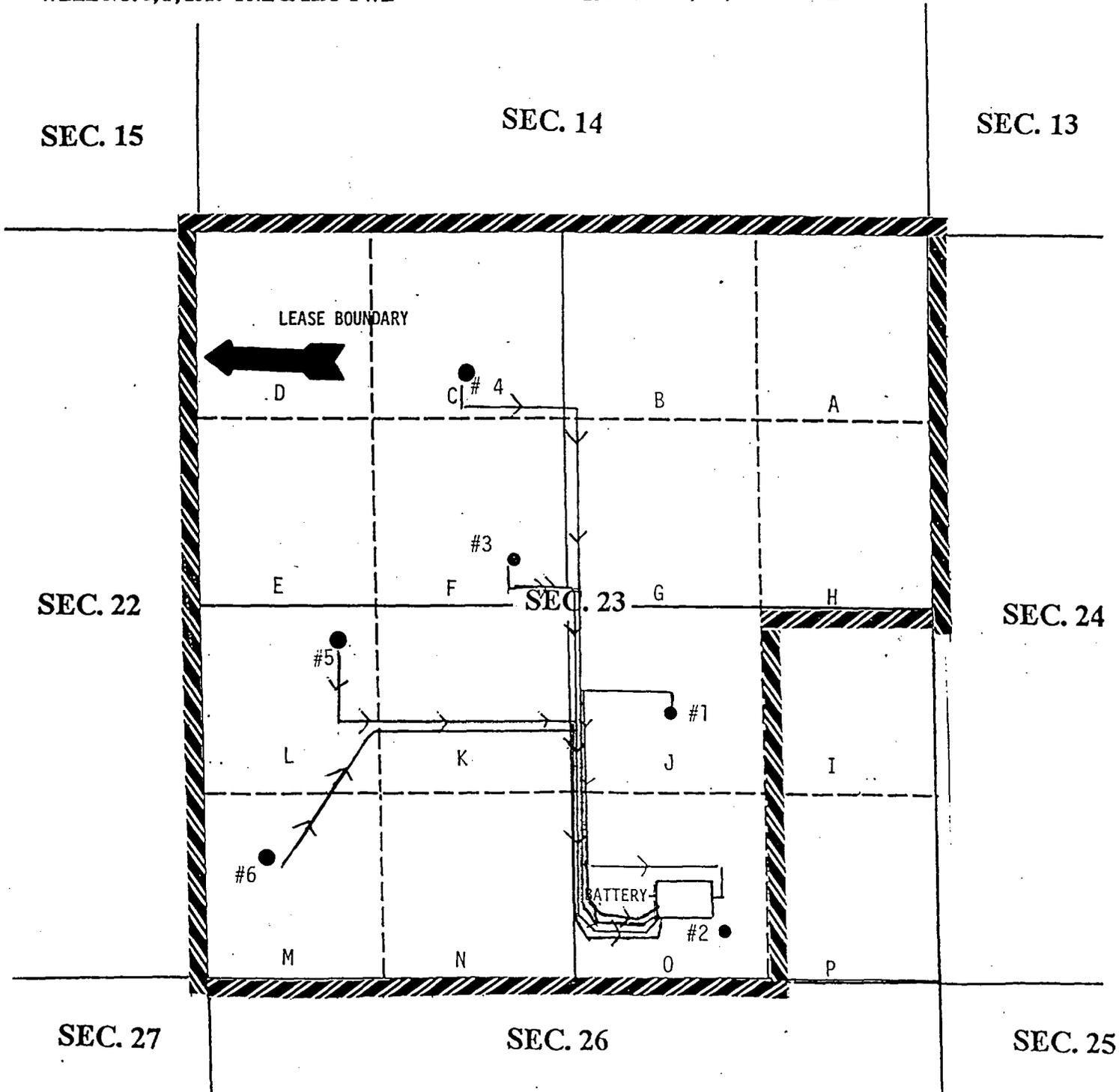
MERIDIAN OIL INC.
CHECKERBOARD 23 FEDERAL LEASE
LEASE NO. NM-81633
SEC. 23, T-22-S, R-32-E
LEA COUNTY, NEW MEXICO

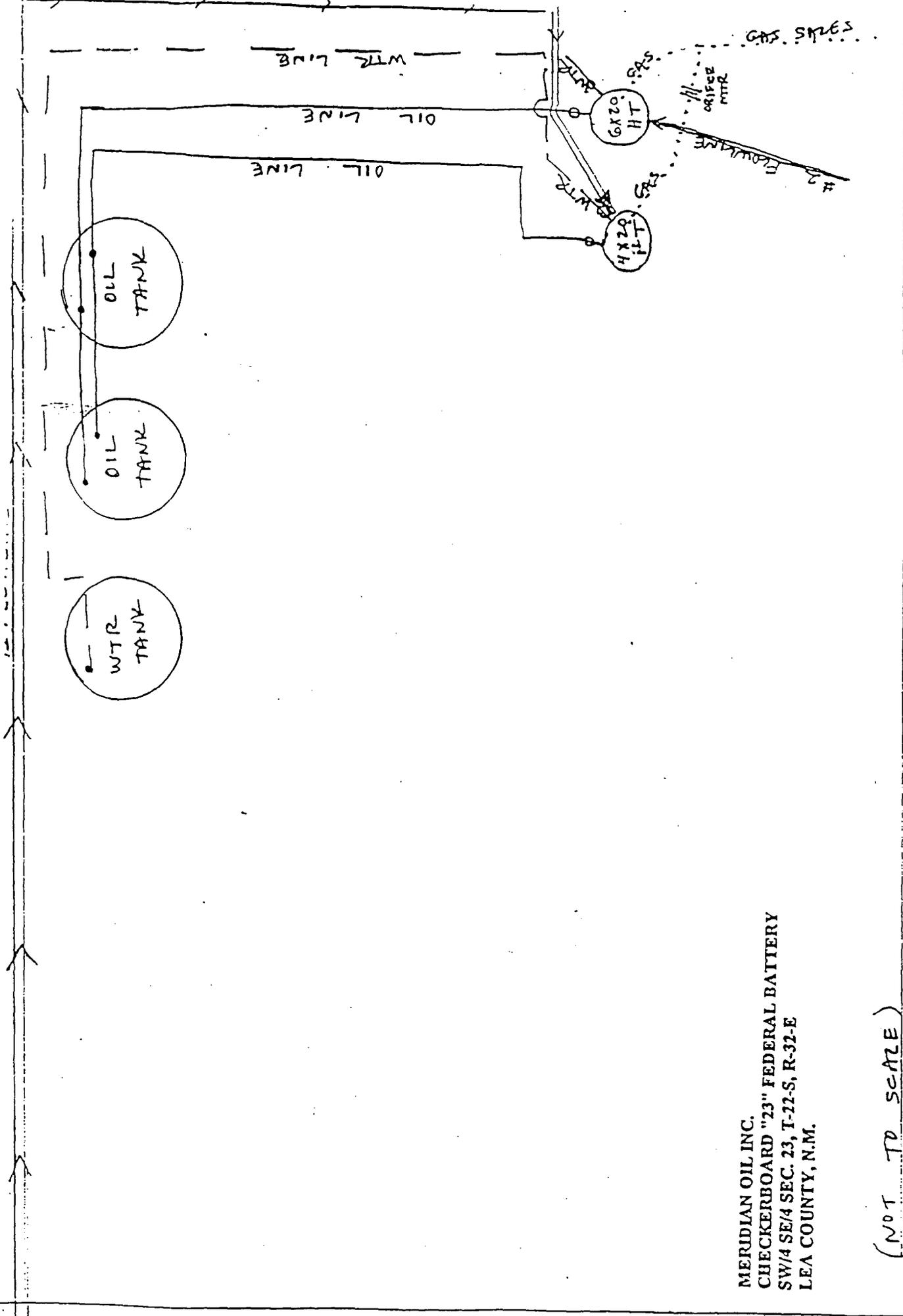
LEASE DESCRIPTION: 560 ACRES IN LEASE
ALL OF SECTION 23 EXCEPT FOR THE E/2 OF THE SE/4

WEST RED TANK DELAWARE POOL AND RED TANK BONE SPRING POOL

WELL NO. 1, J, 1980' FSL & 1980' FEL
WELL NO. 2, O, 330' FSL & 1650' FEL
WELL NO. 3, F, 2310' FNL & 2295' FWL

WELL NO. 4, C, 990' FNL & 1980' FWL
WELL NO. 5, L, 990' FWL & 2310' FSL
WELL NO. 6, M, 403' FWL & 879' FSL





MERIDIAN OIL INC.
 CHECKERBOARD "23" FEDERAL BATTERY
 SW/4 SE/4 SEC. 23, T-22-S, R-32-E
 LEA COUNTY, N.M.

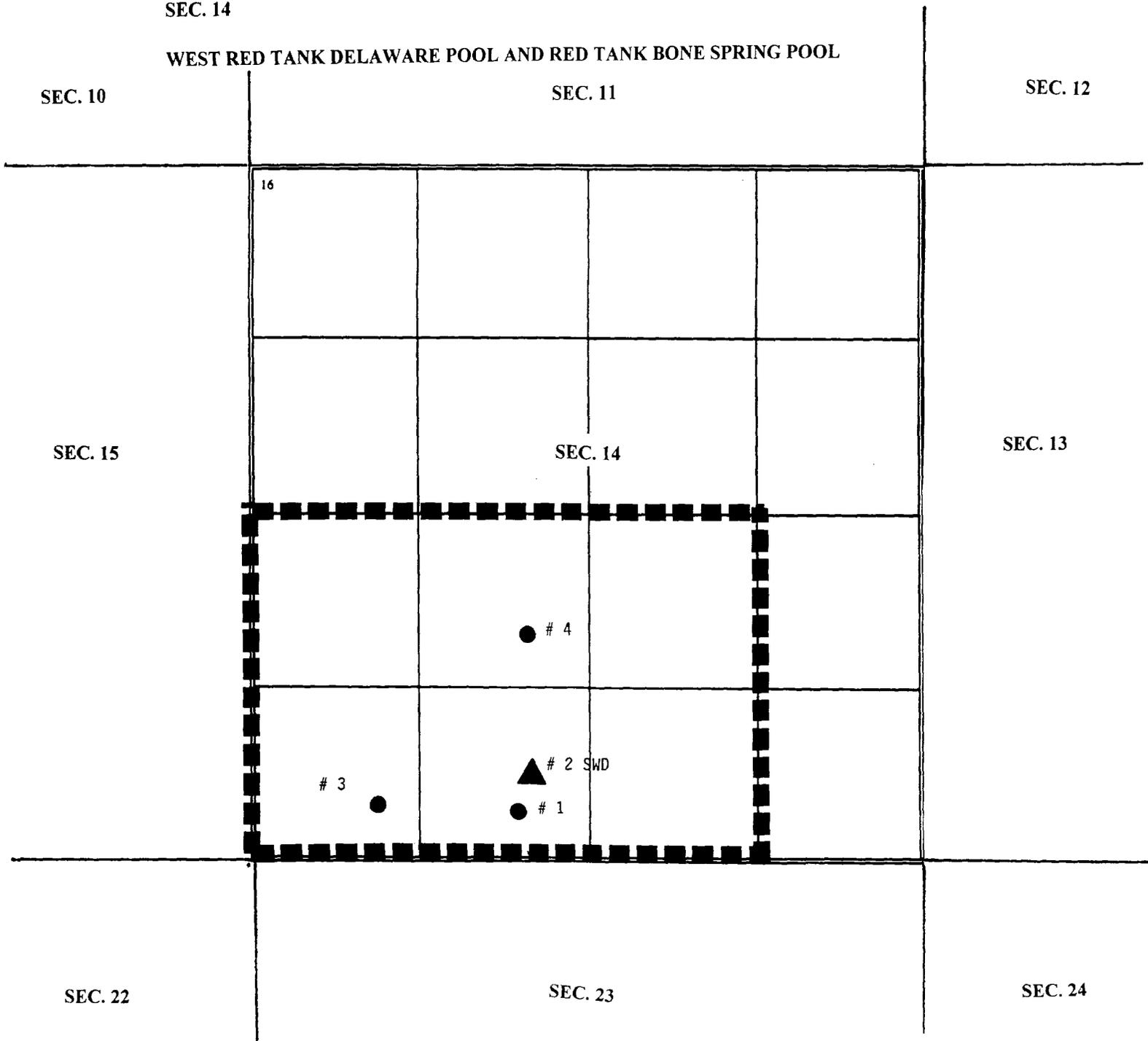
(NOT TO SCALE)

MERIDIAN OIL INC.
 CHECKERBOARD "23" FEDERAL BATTERY
 SW/4 SE/4 SEC. 23, T-22-S, R-32-E
 LEA COUNTY, N.M.

MERIDIAN OIL INC.
RED TANK FEDERAL LEASE
LEASE NO. NM 77058
SEC. 14, T-22-S, R-32-E
LEA COUNTY, NEW MEXICO

LEASE DESCRIPTION: 240 ACRES IN LEASE
ALL OF THE SOUTHWEST QUARTER OF SEC. 14 AND NW/SE AND SW/SE QUARTER OF
SEC. 14

WEST RED TANK DELAWARE POOL AND RED TANK BONE SPRING POOL





Compressor Systems, Inc.

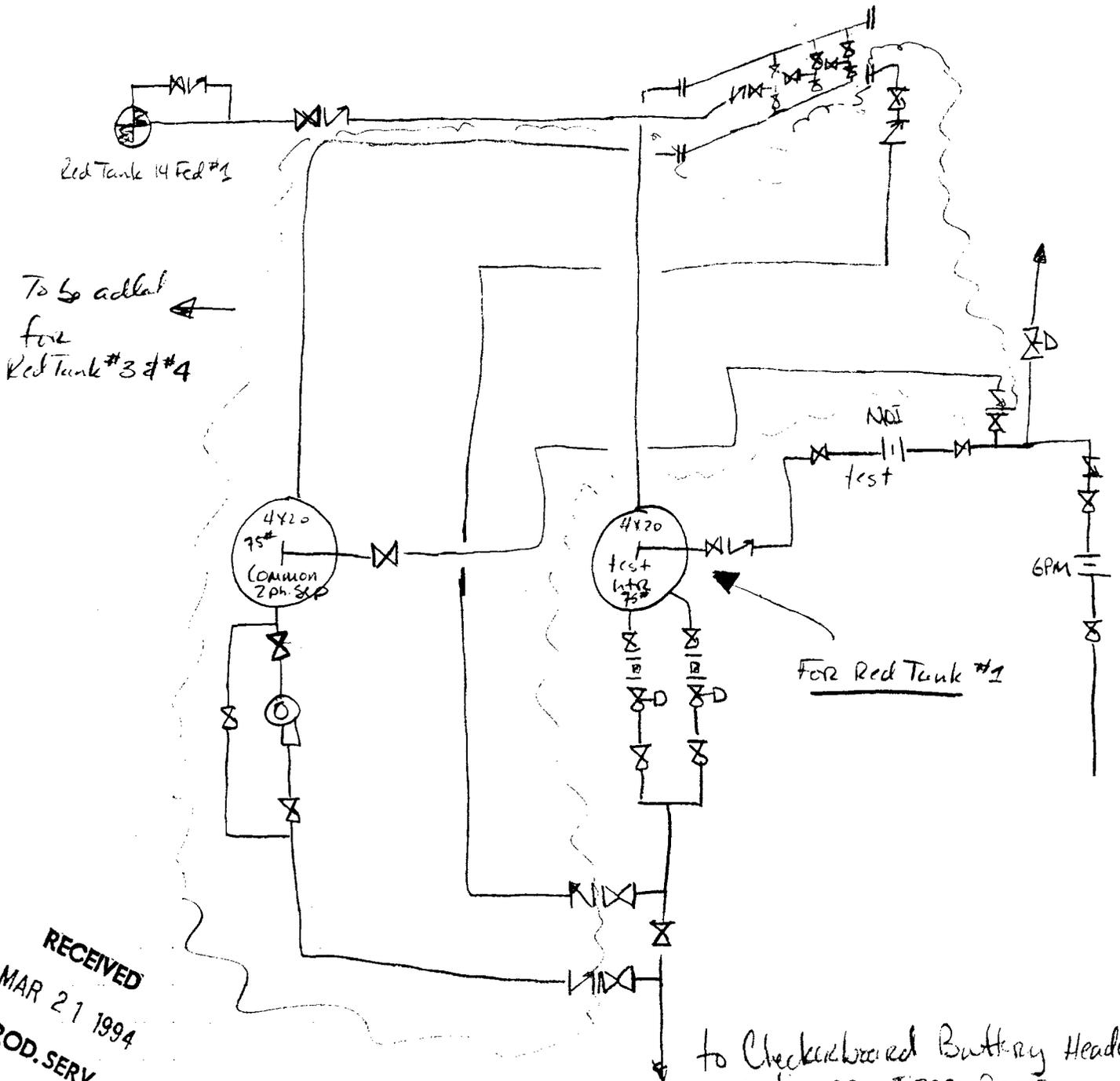
ENGINEERING CHART

DATE 3/18/94
BY J. L. Plante

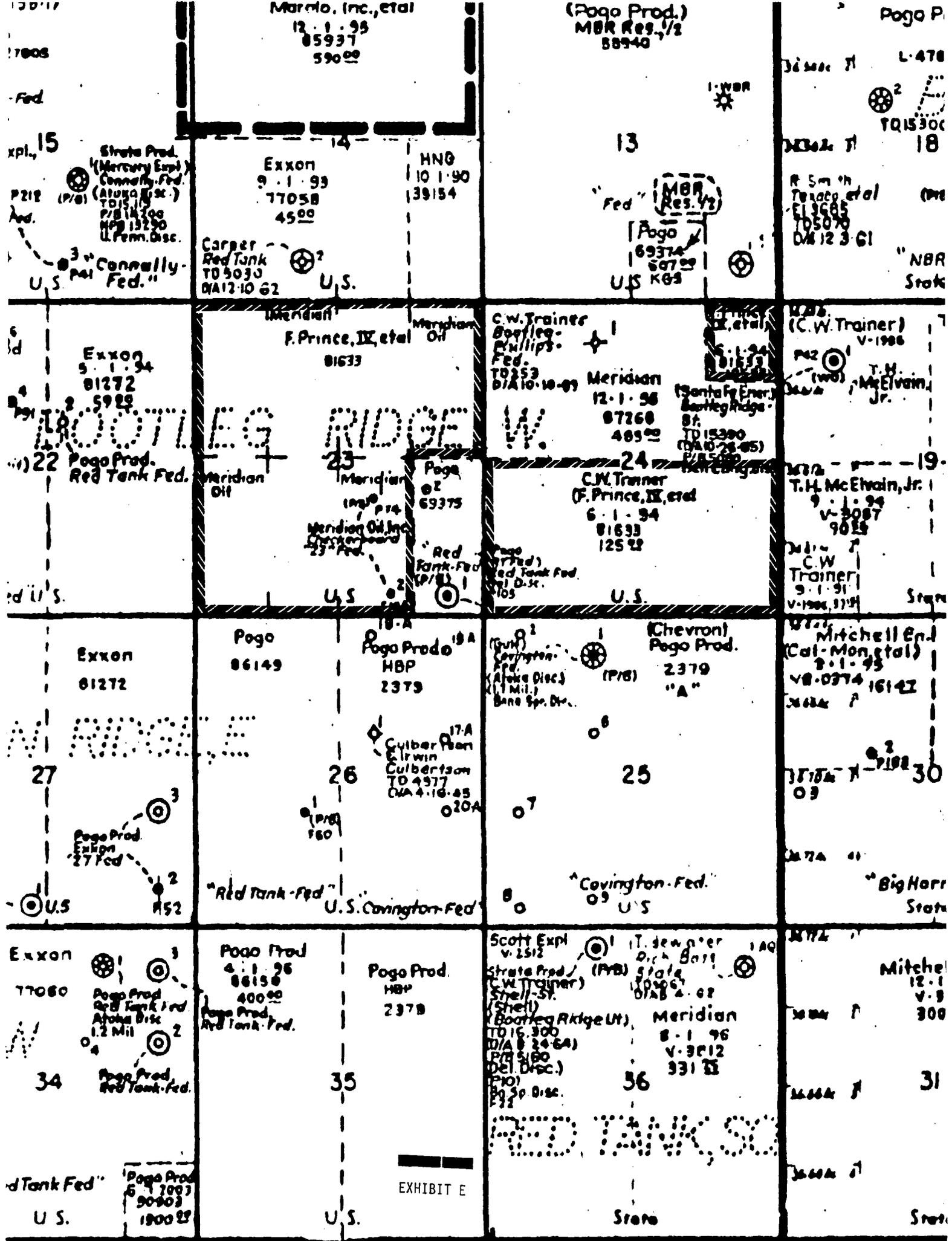
SUBJECT Red Tank Proposed Satellite.

UL N Section 14 T225-R32E
Lea County, NM

No Scale



RECEIVED
MAR 21 1994
PROD. SERV.



Marmco, Inc., et al
12-1-95
85937
59000

(Pogo Prod.)
MBR Res. 1/2
58940

Pogo P.
L-478
TQ1530C
18

15
Shute Prod.
(Mercury Exp.)
Connally, Fed.
(Alaska Disc.)
T/D 15-15
P/B 14-200
H/P 13290
U. Penn. Disc.
Connally-
Fed.
U.S.

14
Exxon
9-1-99
77058
4500
HNO
10-1-90
39154
Carrier
Red Tank
T/D 5030
D/A 12-10-62
U.S.

13
"Fed" MBR
Res. 1/2
Pogo
69374
50700
U.S. KOS

R Sm th
Tolacy, et al
E13685
T05070
D/A 12-3-61
"NBR
State

22
Exxon
5-1-94
81272
5989
Pogo Prod.
Red Tank Fed.
U.S.

23
Meridian Oil
F. Prince, II, et al
81633
Meridian Oil, Inc.
Charterboard
23-1-94
U.S.

24
C.W. Trainer
Boatleg-
Phillips-
Fed.
T/D 53
D/A 10-10-69
Meridian
12-1-96
87260
48500
C.W. Trainer
(F. Prince, II, et al)
6-1-94
81633
12592
U.S.

19
C.W. Trainer
V-1988
T.H. McElvain, Jr.
V-1-94
V-2087
9019
C.W. Trainer
9-1-91
V-1988, 1794
State

27
Exxon
81272
Pogo Prod.
Exxon
27 Fed.
U.S.

26
Pogo
86149
Pogo Prod.
HBP
2379
Culbertson
E. Irwin
Culbertson
T/D 4977
D/A 4-16-45
U.S. Covington-Fed.

25
Chevron
Pogo Prod.
2379
"A"
Covington-Fed.
U.S.

30
Mitchell En.
Cal-Mon, et al
9-1-95
V-8374
16142
Big Horn
State

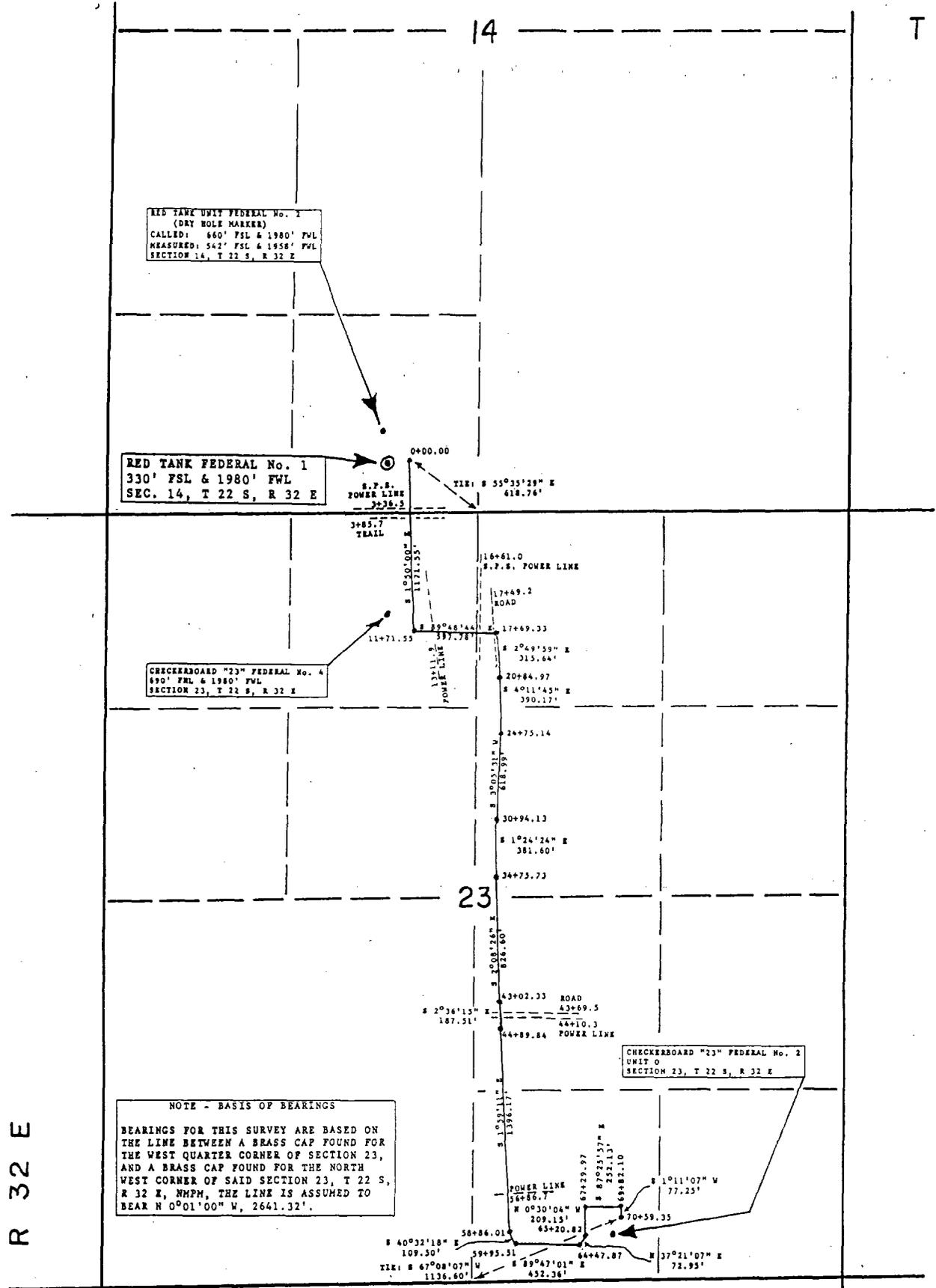
34
Exxon
77080
Pogo Prod.
Red Tank Fed.
Alaska Disc.
1.2 Mil.
Pogo Prod.
Red Tank-Fed.
U.S.

35
Pogo Prod.
4-1-96
86158
40000
Pogo Prod.
Red Tank-Fed.
Pogo Prod.
HBP
2379
U.S.

36
Scott Expl
V-2512
Shute Prod.
(Mercury Exp.)
C.W. Trainer
Shell-57
(Shell)
Boatleg Rktge UT
T/D 16-300
D/A 8-24-64
P/B 5180
Del. Disc.
P/O
Bo Sp. Disc.
T. de Vener
Dish Ball
state
D/A 4-62
Meridian
8-1-96
V-3812
33125
State

31
Mitchell
12-1
V-9
300
31
State

EXHIBIT E



R 32 E

NOTE - BASIS OF BEARINGS
 BEARINGS FOR THIS SURVEY ARE BASED ON THE LINE BETWEEN A BRASS CAP FOUND FOR THE WEST QUARTER CORNER OF SECTION 23, AND A BRASS CAP FOUND FOR THE NORTH WEST CORNER OF SAID SECTION 23, T 22 S, R 32 E, NMPM, THE LINE IS ASSUMED TO BEAR N 0°01'00" W, 2641.32'.

LEGAL DESCRIPTION:

AN EASEMENT FOR A PROPOSED FLOWLINE LOCATED IN SECTIONS 14 AND 23, TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM, LEA COUNTY, NEW MEXICO, SAID EASEMENT BEING FIFTY FEET WIDE AND BEING TWENTY FIVE FEET ON EITHER SIDE OF THE SURVEY CENTERLINE MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT FOR SURVEY STATION 0+00.00, FROM WHICH THE SOUTH QUARTER CORNER OF SAID SECTION 14 BEARS S 55°35'29" E, 618.76 FEET;
 THENCE S 1°30'00" E, AT 336.5 FEET CROSSING AN OVERHEAD SOUTHWESTERN PUBLIC SERVICE COMPANY POWER LINE FOR SURVEY STATION 3+36.5, AT 351.80 FEET CROSSING THE SOUTH LINE OF SAID SECTION 14 INTO SAID SECTION 23 FOR SURVEY STATION 3+31.80, AT 385.7 FEET CROSSING THE CENTER OF AN EXISTING DIAT TRAIL FOR SURVEY STATION 3+85.7, A TOTAL DISTANCE OF 1171.55 FEET TO A POINT FOR SURVEY STATION 1+71.55;
 THENCE S 89°46'44" E, AT 140.3 FEET CROSSING AN OVERHEAD POWER LINE FOR SURVEY STATION 13+11.9, AT 489.4 FEET CROSSING AN OVERHEAD SOUTHWESTERN PUBLIC SERVICE COMPANY POWER LINE FOR SURVEY STATION 16+61.0, AT 377.6 FEET CROSSING THE CENTER OF AN EXISTING ROAD FOR SURVEY STATION 17+49.2, A TOTAL DISTANCE OF 597.76 FEET TO A POINT FOR SURVEY STATION 17+49.2;

THENCE S 2°49'59" E, 315.64 FEET TO A POINT FOR SURVEY STATION 20+84.97;
 THENCE S 4°11'45" E, 390.17 FEET TO A POINT FOR SURVEY STATION 24+75.14;
 THENCE S 3°05'31" W, 618.99 FEET TO A POINT FOR SURVEY STATION 30+94.13;
 THENCE S 1°24'24" E, 381.60 FEET TO A POINT FOR SURVEY STATION 34+75.73;
 THENCE S 2°08'26" E, 826.60 FEET TO A POINT FOR SURVEY STATION 43+02.33;
 THENCE S 2°36'15" E, AT 67.2 FEET CROSSING THE CENTER OF AN EXISTING ROAD FOR SURVEY STATION 43+69.5, AT 108.0 FEET CROSSING AN OVERHEAD POWER LINE FOR SURVEY STATION 44+10.3, A TOTAL DISTANCE OF 187.31 FEET TO A POINT FOR SURVEY STATION 44+89.84;
 THENCE S 1°59'11" E, AT 1196.9 FEET CROSSING AN OVERHEAD POWER LINE FOR SURVEY STATION 56+86.7, A TOTAL DISTANCE OF 1396.17 FEET TO A POINT FOR SURVEY STATION 58+86.01;
 THENCE S 40°32'18" E, 109.50 FEET TO A POINT FOR SURVEY STATION 59+95.51;
 THENCE S 89°47'01" E, 452.36 FEET TO A POINT FOR SURVEY STATION 64+47.87;
 THENCE S 37°21'07" E, 72.95 FEET TO A POINT FOR SURVEY STATION 65+20.82;
 THENCE N 0°30'04" W, 209.15 FEET TO A POINT FOR SURVEY STATION 67+29.97;
 THENCE S 87°25'57" E, 252.13 FEET TO A POINT FOR SURVEY STATION 69+82.10;
 THENCE S 1°11'07" W, 77.25 FEET TO POINT OF TERMINATION OF THE HEREIN DESCRIBED SURVEY CENTERLINE AT SURVEY STATION 70+59.35, FROM WHICH THE SOUTH QUARTER CORNER OF SAID SECTION 23 BEARS S 67°08'07" W, 1136.60 FEET;
 SAID EASEMENT BEING 7059.35 FEET OR 427.84 RODS OR 1.34 MILES IN LENGTH, SUCH LENGTH BEING ALLOCATED BY FOOTINGS AS FOLLOWS:
 SE/4 OF SW/4 SECTION 14 - 31.32 RODS
 NW/4 OF NW/4 SECTION 23 - 78.37 RODS
 NW/4 OF SE/4 SECTION 23 - 37.76 RODS
 SW/4 OF SE/4 SECTION 23 - 80.19 RODS
 NW/4 OF SE/4 SECTION 23 - 80.08 RODS
 SW/4 OF SE/4 SECTION 23 - 130.12 RODS
 TOTAL - 427.84 RODS

I hereby certify this plat to be correct to the best of my knowledge.



Laughlin-Simmons
 of Texas
 MIDLAND DISTRICT OFFICE
 (915) 699-1238
 (915) 699-8706
 In State Toll Free
 1-800-242-3028

P.O. BOX 1757
 MIDLAND, TX 79702



MERIDIAN OIL INC.	
RED TANK FEDERAL No. 1	
PROPOSED FLOWLINE EASEMENT	
LEA COUNTY, NEW MEXICO	

