Form 3160-3 (July 1992) G-26

PLEASE EXPEDITE

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

UNITED STATES (Other instructions on reverse side)
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

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

2. NAME OF OPERATOR: OCEAN ENERGY, INC. (JEANIE McMILLAN)

3. ADDRESS AND TELEPHONE NO.: 1001 FANNIN SUITE 1600 HOUSTON, TEXAS 77002 (713-265-6834)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1800' FWL & 740' FSL SECTION 10 T18S-R33E LEA CO. NM
At proposed prod. zone: SAME

5. LEASE DESIGNATION AND SERIAL NO.: NM-89891

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME, WELL NO.: COCKBURN FEDERAL # 4

9. API WELL NO.: 30-025-3629-

10. FIELD AND POOL, OR WILDCAT: MESCALERO ESCARPE-BONE SPRING

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SECTION 10 T18S-R33E

12. COUNTY OR PARISH: LEA CO. 13. STATE: NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 35 miles West of Hobbs, New Mexico

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: 320

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.: 1320'

19. PROPOSED DEPTH: 9500'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3954' GR.

Carlsbad Controlled Water Basin

22. APPROX. DATE WORK WILL START: When approved

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor	NA	40'	Cement to surface with Redi-m
17½"	H-40 13 3/8"	48	450'	500 Sx. circulate to surface
11"	J-55 8 5/8"	32	3200'	800 Sx. " " "
7 7/8"	L-80 5½"	17	9500'	900 Sx. estimate TOC 2700'

1. Drill 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.
2. Drill 17½" hole to 450'. Run and set 450' of 13 3/8" 48# H-40 ST&C casing. Cement with 200 Sx. of Class "H" cement + 1% CaCl, + 2% Bentonite, tail in eith 300 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 11" hole to 3200'. Run and set 3200' of 8 5/8" 32# J-55 ST&C casing. Cement with 600 Sx. of 35/65 POZ Class "C " cement + 6% Bentonite, + 1% CaCl, tail in with 200 Sx. of Class "C" cement + additives, circulate cement to surface.
4. Drill 7 7/8" hole to 9500'. Run and set 9500' of 5½ 17# L-80 LT&C casing. Cement with 900 Sx. of Class "C" cement + 16% retarder, + .6% fluid loss, + 5% Salt, + 5# LCM/Sx. estimate top or cement 2700' from surface.

OPER. OGRID NO. 169355
PROPERTY NO. 32341
POOL CODE 45793
EFF. DATE 6-3-03
API NO. 30-025-36296

RECEIVED
Hobbs 04/18/03
OCD

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data o ... ive zone. If proposal is to drill o
deepen directionally, give pertinent data on subsurface locations and measured and true vertical

24.

SIGNED Joe T. Janica TITLE Agent DATE

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the ... to conduct operations the

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /S/ JOE G. LARA TITLE ACTING FIELD MANAGER DATE MAY 30 2003

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Revised March 17, 1999
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-36296	45793	MESCARLO ESCARPE-BONE SPRING

Property Code	Property Name	Well Number
32341	COCKBURN FEDERAL	4

OGRID No.	Operator Name	Elevation
169355	OCEAN ENERGY	3954'

Surface Location

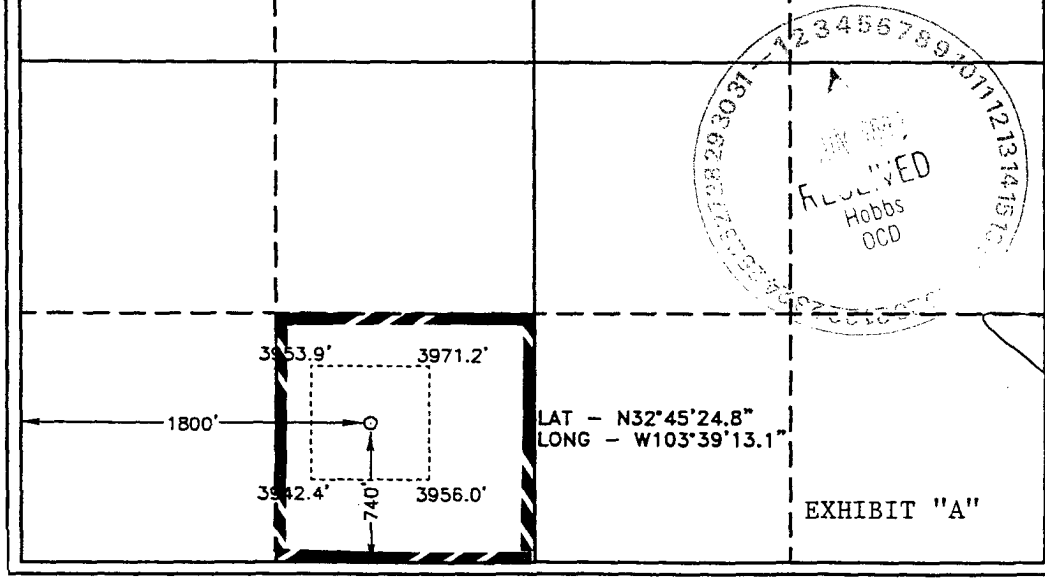
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	18 S	33 E		740'	SOUTH	1800'	WEST	LEA

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.
40			

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

Joe T. Janica
Printed Name

Agent
Title

04/18/03
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.

APRIL 14, 2003
Date Surveyed

Signature & Seal of Professional Surveyor

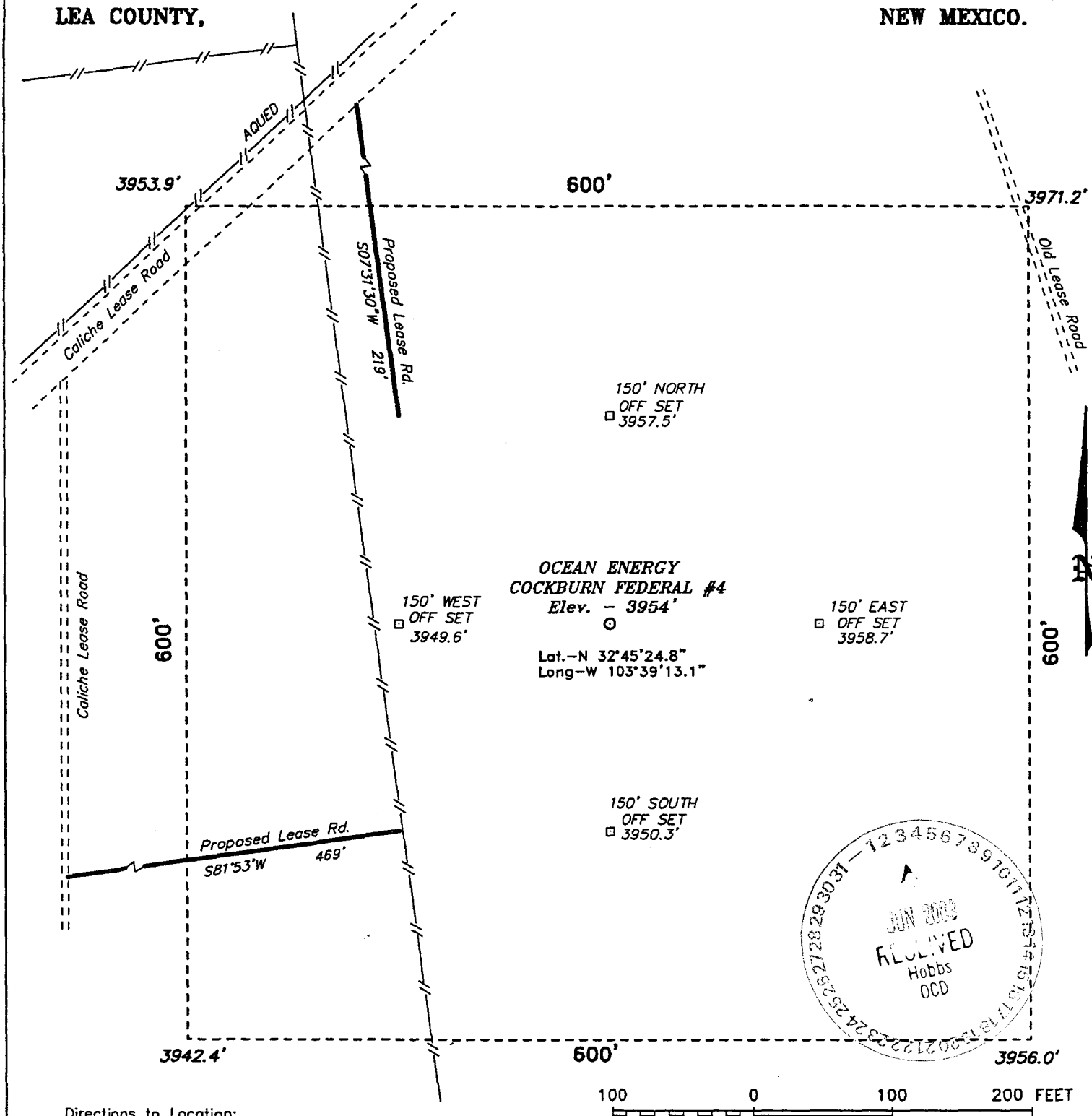
7977
W.O. No. 2211

Certificate No. Gary L. Jones 7977

JLP BASIN SURVEYS

SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,

LEA COUNTY, **NEW MEXICO.**



Directions to Location:

FROM THE INTERSECTION OF STATE HWY. 529 AND LEA CO. RD. L-125 GO NORTHWEST ON 529 2.5 MILES TO A LEASE ROAD TO THE LEFT, THENCE 6000 FEET ON LEASE ROAD TO THE NORTHWEST CORNER OF 600x600 FOOT PAD.

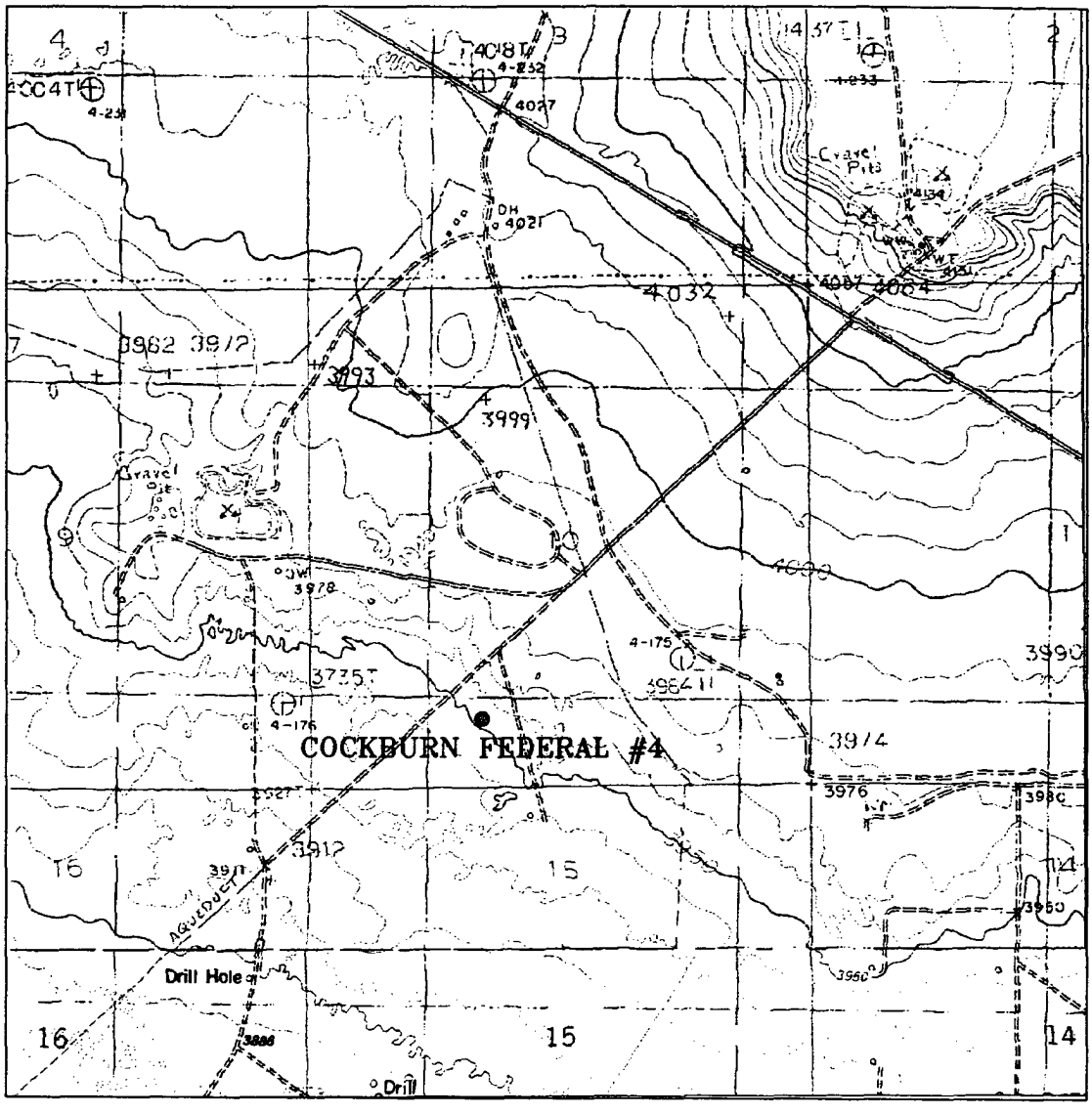
OCEAN ENERGY

REF: COCKBURN FEDERAL #4 / Well Pad Topo

THE COCKBURN FEDERAL #4 LOCATED 740' FROM THE SOUTH LINE AND 1800' FROM THE WEST LINE OF SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 3211	Drawn By: J. PRESLEY		
DATE : 04/15/03	Disk: JLP #1 - OCE3211A	Survey Date: 04/14/03	Sheet 1 of 1 Sheets

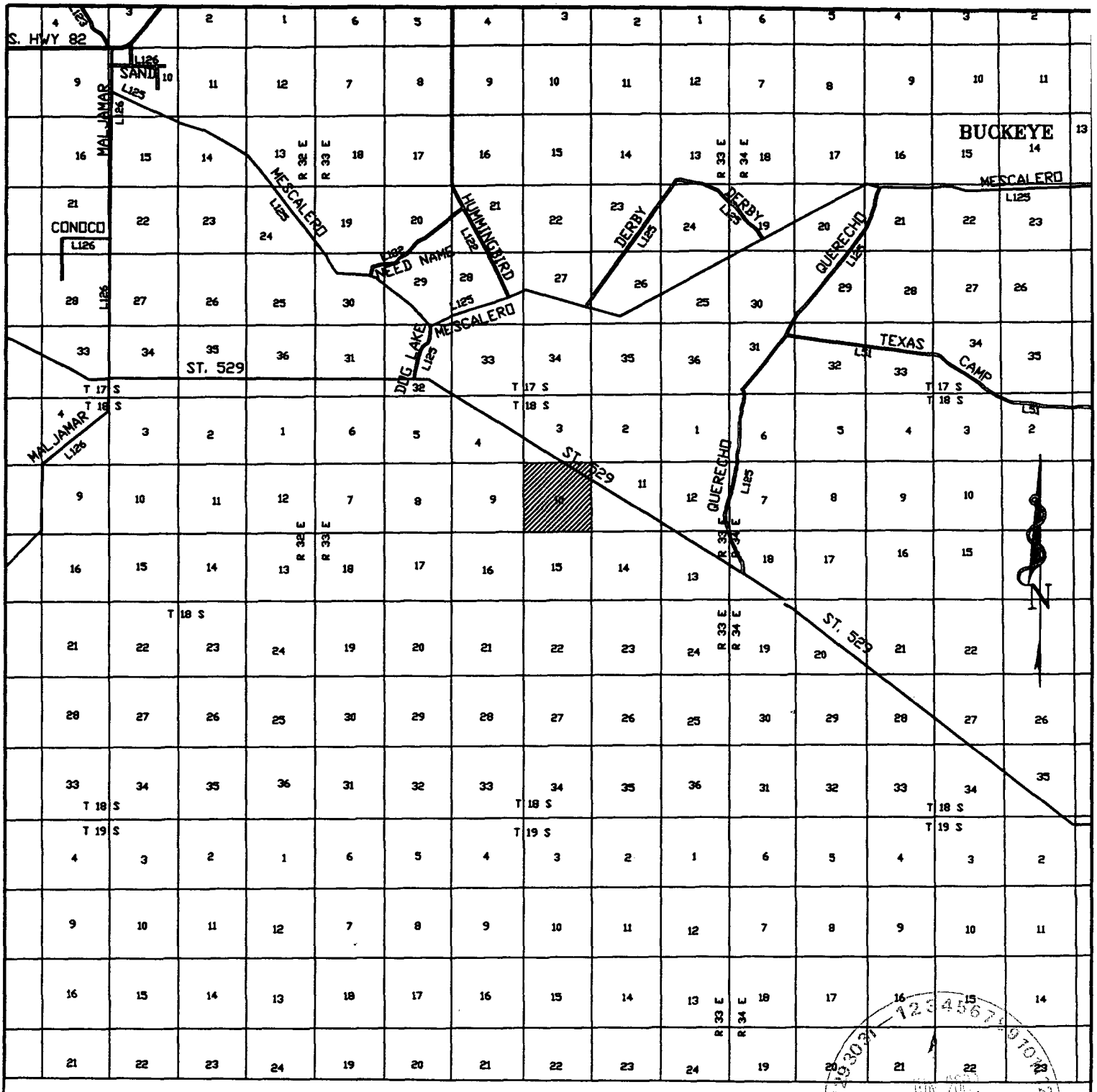


COCKBURN FEDERAL #4
Located at 740' FSL and 1800' FWL
Section 10, Township 18 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

Basin Surveys
P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241

W.O. Number: 3211AA - JLP #1
Survey Date: 04/11/03

OCEAN ENERGY



COCKBURN FEDERAL #4
Located at 740' FSL and 1800' FWL
Section 10, Township 18 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	3211AA - JLP #1
Survey Date:	04/11/03
Scale:	1" = 2000'
Date:	04/15/03

OCEAN ENERGY

APPLICATION TO DRILL

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

1. Location: Elevation above Sea Level:

2. Proposed drilling depth: 9,500'

3. Estimated tops of geological markers:

Rustler	1,545'
Queen	4,244'
Grayburg	4,745'
San Andreas	4,800'
Delaware	5,982'
Bone Springs Lime	6,770'
1st Bone Springs Sand	8,276'
2nd Bone Springs Carbonate	8,771'
2nd Bone Springs Sand	8,928'
TD	9,500'

4. Possible mineral bearing formation:

1st Bone Springs Sand	Possible gas
2nd Bone Springs Sand	Possible gas

5. Pressure Control Equipment:

A 5000-PSI working pressure B.O.P. consisting of a double ram type Preventer with a 5000-PSI bag type annular Preventer. BOP unit will be hydraulically operated. Choke manifold and closing unit. BOP will be nipped up on 13 3/8" 2000-PSI casing head. Flow sensor, PVT, full opening stabbing valve and upper kelly cock will be utilized from 800' to TD. No abnormal pressure or temperature is expected while drilling. See attached diagram.
TYPE: 13 5/8" Hydril annular, Cameron double ram
PRESSURE RATING: 5,000 psi BOP's, 2000 psi casing head, and 3000 psi B-section.
TESTING PROCEDURE: BOP and casing head assembly will be pressure tested to a low 300 psi and a high of 2000 psi upon installation prior to drilling cement from surface casing and intermediate casing. Pipe rams will be function tested daily and blind rams will be function tested on trips.

6. Proposed Casing Program:

17 ½" Surface Hole: Surface casing is to be new 13 3/8" 48# API K-55 STC to be set @ 450' below ground level and cemented to surface using 200 sacks Class H Cement with 1% CaCl2, and 2% Bentonite (14.6 ppg, 1.52 cuft/sx, 6.16 gal sx water), and 300 sacks Class C Cement with 2% CaCl2 (14.8 ppg, 1.34 cuft/sx, 6.36 gal /sx water). The casing will be centralized from TD to surface with a centralizer spacing of approximately 160'. Standard float equipment will be used.

11" Intermediate Hole: Intermediate casing is to be 8 5/8", 32#, J55, LTC casing set at 3,200'. This string will be cemented back to surface. The lead cement slurry will consist of Halliburton 35/65 Poz Cement with 6.0% Bentonite, 1% CaCl mixed at 12.5 ppg with a yield 1.95 cf/sx, 10.7 gal/sx. Volume will be based on a fluid caliper and 25% excess. The tail cement slurry will consist of 200 sacks of Class C cement (yield 1.34 cf/sx, 14.8 ppg, 6.36 gal/sx) for 500' of fill at the shoe. Standard float equipment and centralization will be used.

7 7/8" Production Hole: Production casing is to be 5 1/2", 17#/ft, L-80 LTC set to 9,500'. This will be cemented to 2,700' (inside the 8 5/8" casing). Cement volume will be caliper plus 20% by volume. Cement to be Class C with 16 % retarder, .6 % fluid loss additive, 5% NaCl and 5 lbs/sx lost circulation material mixed at 13.2 ppg, yield 1.64 cuft/sx, 7.81 gal / sx of water. Compressive strength to be greater than 2000 psi in 24 hours. Centralizers and float equipment will be used in pay zones and in the overlap area of the 8 5/8" casing.

7. Proposed Mud Program:

Surface hole will be drilled with fresh water and gel sweeps for hole cleaning.
The intermediate hole will be drilled utilizing a 10 ppg brine water to minimize salt leaching in salt bearing formations.
The production interval will be drilled utilizing a low solids fresh water mud system consisting primarily of bentonite, starch and bacteriacide. Barite will be used if mud weights above 9.5 ppg are required.

Depth	Mud Wt.	Vis	Fluid loss	System
0 - 450'	8.4 – 9.0	29 to 32	NC	Fresh water mud use LCM to control seepage and gel sweeps for hole cleaning.
450- 3200'	10.0	28 to 30	NC	Lease brine water circulated from a lined pit.
3200 - 9500	8.5 to 9.0	30-40	NC to – 6cc	Fresh water LSND mud system. Fluid loss to be lowered at 8000' for pay zones.

8. Cuttings Disposal:

Water base cutting will be disposed of in a lined reserve pit which will be de-watered and back filled.

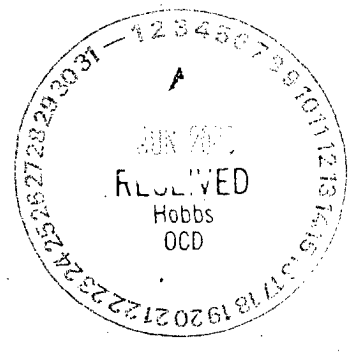
9. Auxiliary Equipment:

A mud gas separator and closed mud system along with the required solids control equipment will be rigged up for drilling the production hole. Pressure while drilling tools will be utilized to monitor bottom hole pressure in drilling this interval. All equipment required for near balance drilling will be employed as the objective is to drill this section at or slightly above pore pressure. Float valves will be utilized in drilling this section.

10. Testing and Logging:

Intermediate Hole: no logs run.

Production Hole: Compensated Neutron Porosity log, Dual Induction, SP, Gamma Ray, Caliper and Sonic Logs. There are no drillstem tests programmed for this interval.

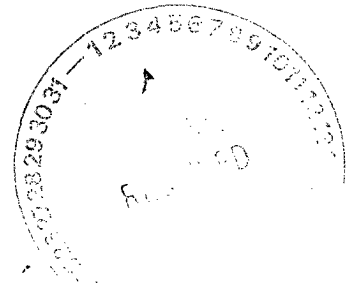


11. Anticipated Abnormal Pressures or Temperatures:

No abnormal pressures or temperatures have been noticed or reported in wells drilled in the area or at the depths anticipated in this well

12. Drilling Activities:

The anticipated starting date is set for on or about 1 May 2003 or as soon as possible after approval of drilling permit. Twenty (20) days are programmed for drilling the well from spud to running of the production liner.



HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H_2S safety instructor to the following:

   A. Characteristics of H_2S
   B. Physical effects and hazzards
   C. Proper use of safety equipment and life support systems.
   D. Principle and operation of H_2S detectors, warning system and briefing areas.
   E. Evacuation procedure, routes and first aid.
   F. Proper use of 30 minute pressure demand air pack.

2. H_2S Detection and Alarm Systems

   A. H_2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.

3. Windsock and/or wind streamers

   A. Windsock at mudpit area should be high enough to be visible.
   B. Windsock at briefing area should be high enough to be visible.
   C. There should be a windsock at entrance to location.

4. Condition Flags and Signs

   A. Warning sign on access road to location.
   B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H_2S present in dangerous concentration. Only emergency personnel admitted to location.

5. Well control equipment

   A. See exhibit "E" & "E-1"

6. Communication

   A. While working under masks chalkboards will be used for communication.
   B. Hand signals will be used where chalk board is inappropriate.
   C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephoned will be available at most drilling foreman's trailer or living quarters.

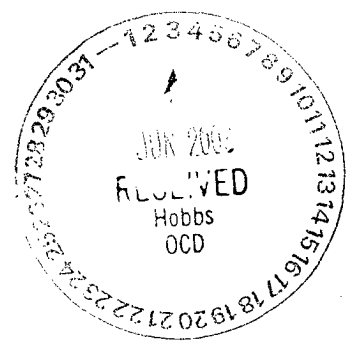
7. Drillstem Testing

   A. Exhausts will be watered.
   B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
   C. If the location is near to a dwelling a closed DST will be performed.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

8. Drilling contractor supervisor will be required to be familiar with the effects H_2S has on tubular goods and other mechanical equipment.

9. If H_2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas seperator will be brought into service along with H_2S scavengers if necessary.



SURFACE USE PLAN

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

1. EXISTING ROADS: Area roads, Exhibit "B" is a reproduction of a County General Hiway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing exixting roads and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.

   A. Exhibit "A" shows the proposed well site location as staked.

   B. From Hobbs, New Mexico take U.S. Hi-way 62-180 toward Carlsbad New Mexico go the junction with State Hi-way 529 Bear Right onto 529 go 16.1± miles to mile post 15½, turn Left go 1.1± miles to location on the East side of road.

   C. See Exhibit "F" for routes of flowlines and powerlines. If other routes are desired a Sundry Notice will be submitted.

2. PLANNED ACCESS ROADS: Approximately 450' of new road will be constructed.

   A. The access road will be crowned and ditched to a 12' wide travel surface with a 40' Right-of-Way.

   B. Gradient on all roads will be less than 5%.

   C. Turnouts will be constructed as required or as directed by the BLM.

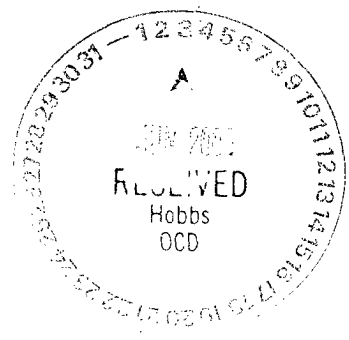
   D. If needed roads will be surfaced with a minimum of 4" of caliche. This material will be obtained from a local source.

   E. Center line for the new access road has been staked and flagged. Earthwork will be done as required by field and topographic conditions.

   F. Culverts in the access road will be used where necessary. The road will be constructed to utilize low water crossings for drainage as dictated by the topography.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS SHOWN ON EXHIBIT "A-1".

A. Water wells	None known
B. Disposal wells	None known
C. Drilling wells	None known
D. Producing wells	As shown on Exhibit "A-1"
E. Abandoned wells	As shown on Exhibit "A-1"
F. Injection wells	None known



SURFACE USE PLAN

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

4. If on completion this well is a producer the operator will lay pipelines and construct powerlines along existing road R-O-W's or other existing R-O-W's. Possible routes of pipelines, flowlines and powerlines are shown on Exhibit "F". If other routes are more desirable a Sundry Notice will be submitted with routes indicated.

5. LOCATION AND TYPE OF WATER SUPPLY:

Water will be purchased locally from a commercial source and trucked over the access roads or piped to location in flexible lines laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIAL:

If possible construction material will be obtained from the excavation of drill site, if additional material is needed it will be obtained from a local source and transported over the access roads as shown on Exhibit "C".

7. METHODS OF HANDLING WASTE MATERIAL:

A. Drill cuttings will be disposed of in the reserve pits.

B. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in a approved sanitary land fill.

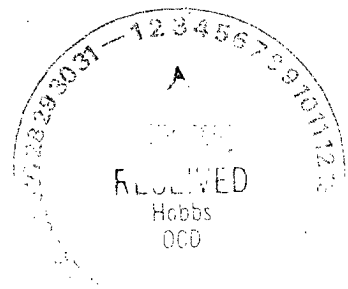
C. Salts remaining after completion of well will be picked up by the supplier, including broken sacks.

D. Waste water from living quaters will be drained into holes with a minium of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-John will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

E. Remaining drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry enough to be broken out for furthed drying. If the drilling fluids do not evaporate in a reasonable time they will be hauled off by transports to a state approve disposal site. Later pips will be broken out to speed drying. Water produced during completion will be put in reserve pits. Oil and condensate produced will be put in storage tanks and sold.

8. ANCILLARY FACILITIES:

A. No camps or air strips will be constructed on location.



SURFACE USE PLAN

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

9. WELL SITE LAYOUT

A. Exhibit "D" shows the proposed well site layout.

B. This exhibit indicated proposed location of reserve and sump pits and living facilities.

C. Mud pits in the active circulating system will be steel pits & the reserve pit is proposed to be unlined unless subsurface condition encountered during pit construction indicate that lining is needed for lateral containment of fluids.

D. If needed, the reserve pit is to be lined with polyethelene. The pit liner will be 6 mils thick. Pit liner will extend a minimum 2'00" over the reserve pits dikes where the liner will be anchored down.

E. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be contoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

SURFACE USE PLAN

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

11. OTHER INFORMATION:

A. Topography consists of sandy plains with areas of exposed caliche and low lying sand dunes. Vegetation consists of shinnery oak mesquite, saltbush, yucca, and native grasses. The dip on the surface is in a Southwesterly direction.

B. The surface is owned by The Caviness Family Trust, the minerals are owned U.S. Government and is administered byt The Bureau of Land Management. The surface is used for the grazing of livestock.

C. An archaeological survey has been completed and a copy of this report has been filed with The Bureau of Land Management in the Carlsbad Field Office.

D. There are no dwellings located in the near vicinity of this location.

12. OPERATORS REPRESENTIVE:

BEFORE CONSTRUCTION:

TIERRA EXPLORATION, INC.
P.O. BOX 2188
HOBBS, NEW MEXICO 88241
JOE T. JANICA
OFFICE PHONE 505-391-8503

DURING AND AFTER CONSTRUCTION:

OCEAN ENERGY, INC.
1001 FANNIN, SUITE 1600
HOUSTON, TEXAS 77002
JEANIE McMILLAN
PHONE 713-265-6834

13. CERTIFICATION: I certify that I or persons under my direct supervision have inspected the proposed drill site and access route, that I am familiar with the conditions which currently exist and that the statements made in this plan are to the best of my knowledge, are true and correct, and that the work associated with the operations proposed herein will be performed by OCEAN ENERGY, INC it's contractors/subcontractors and is in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for the filing of a false report.

NAME : Joe T Janica

DATE : 04/18/03

TITLE : Agent

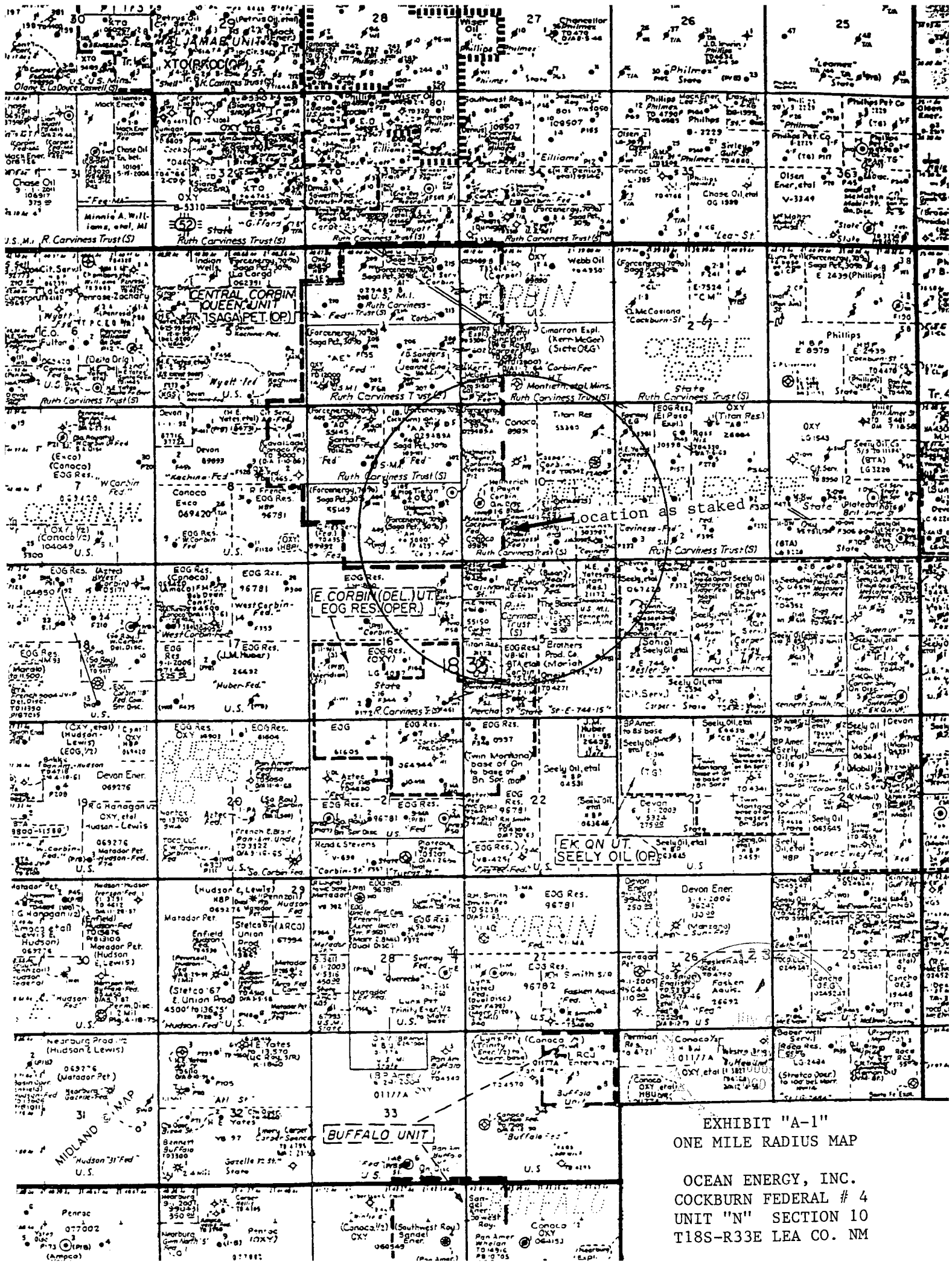


EXHIBIT "A-1"
ONE MILE RADIUS MAP

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

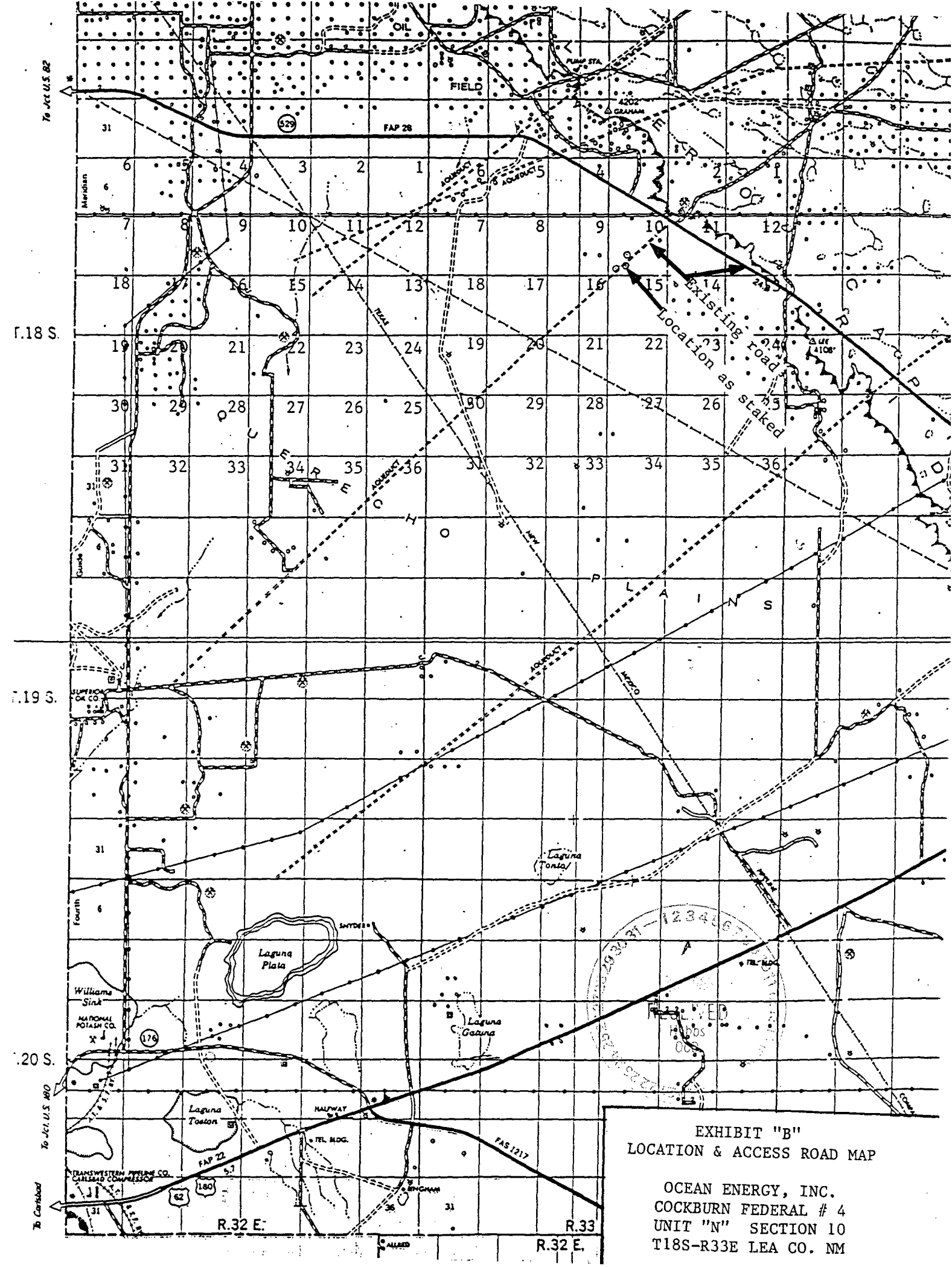


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

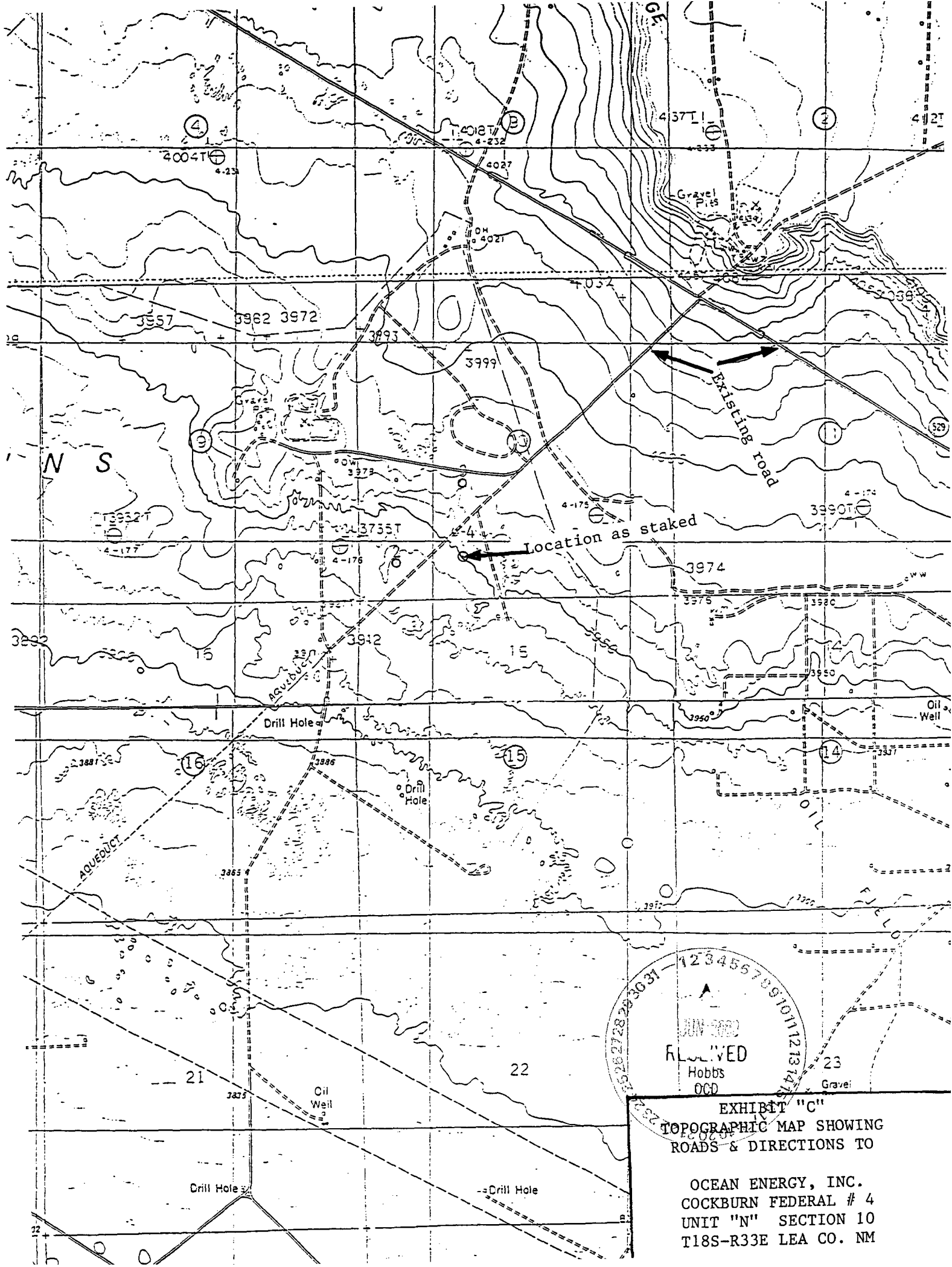
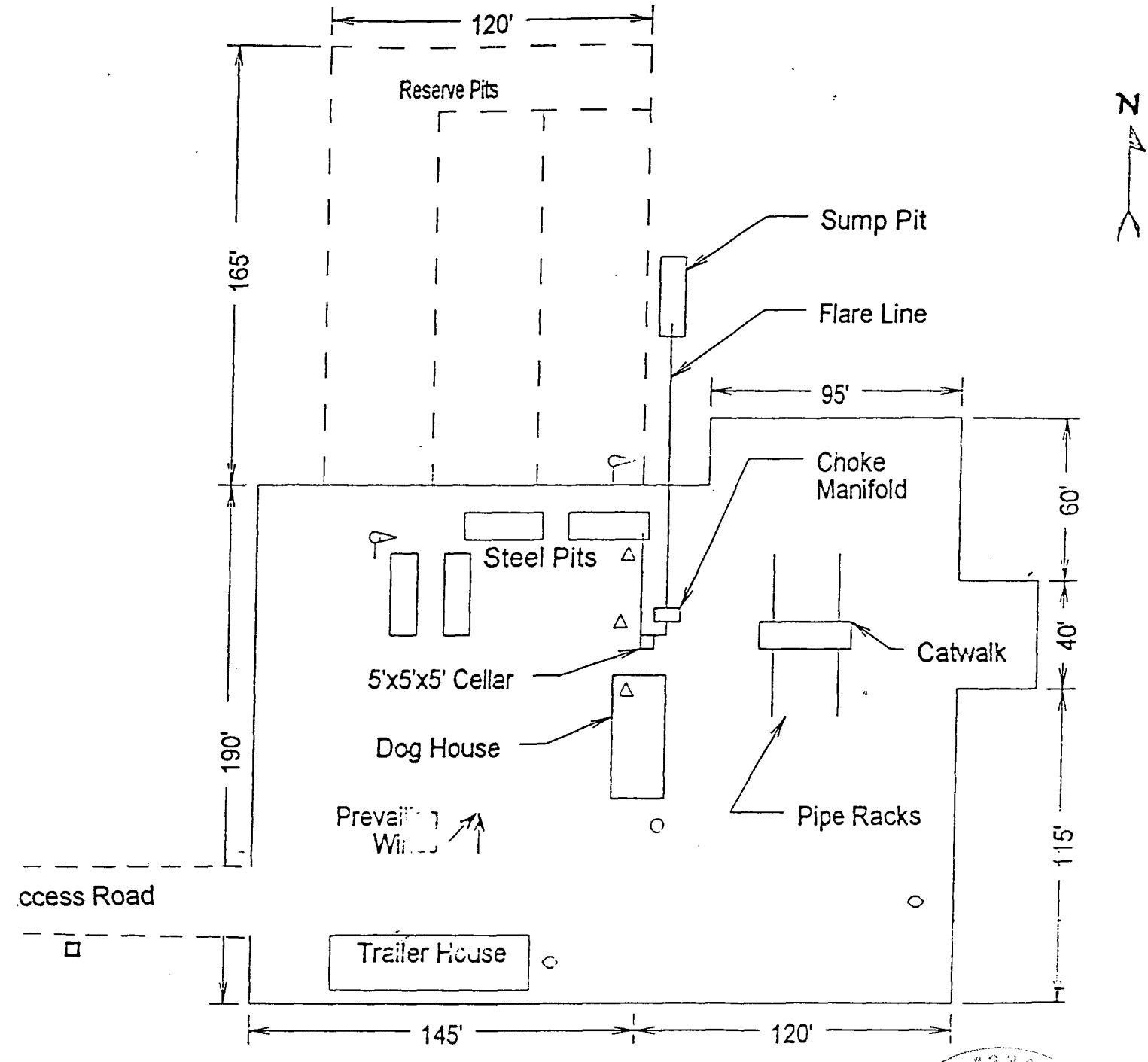


EXHIBIT "C"
TOPOGRAPHIC MAP SHOWING
ROADS & DIRECTIONS TO

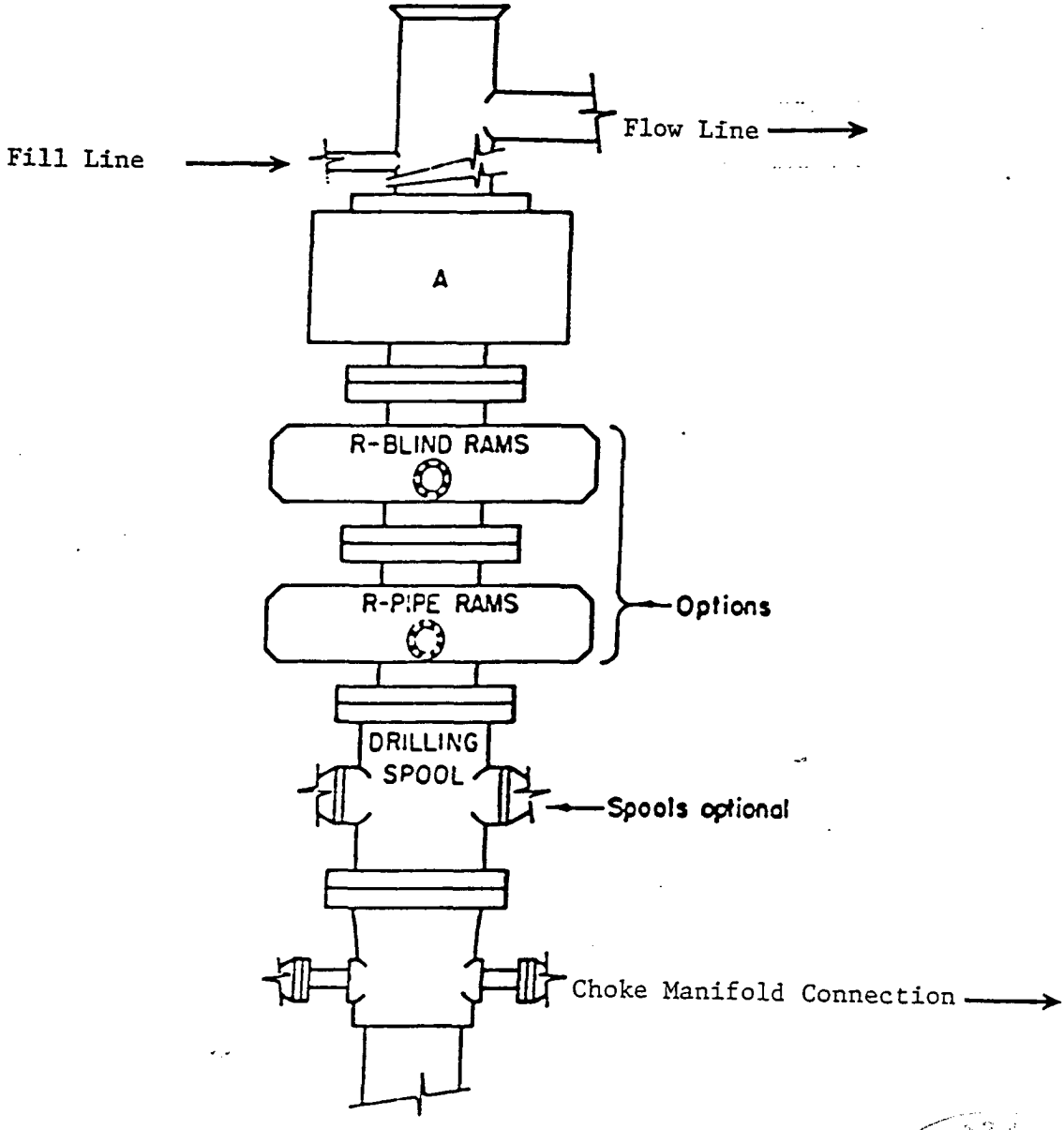
OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM



- Wind Direction Indicators (wind sock or streamers)
- △ H2S Monitors (alarms at bell nipple and shale shaker)
- ○ Briefing Areas
- ○ Remote BOP Closing Unit
- □ Sign and Condition Flags

EXHIBIT "D"
RIG LAY OUT PLAT

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM



ARRANGEMENT SRRA

1500 Series
5000 PSI WP

EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

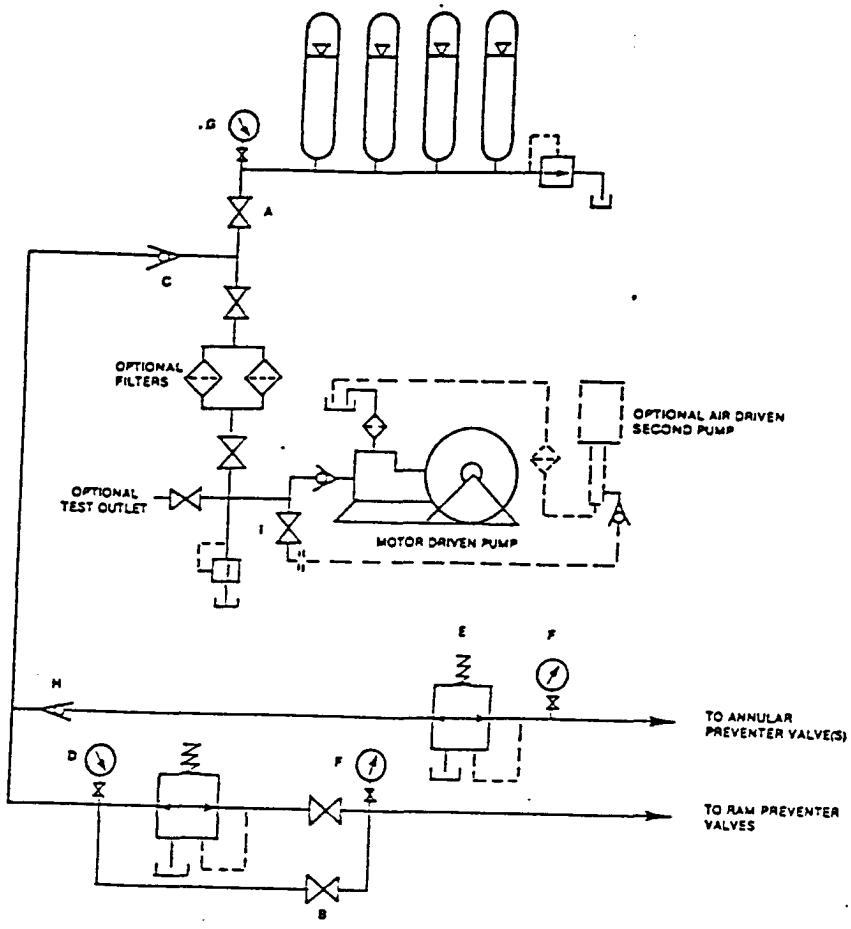


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

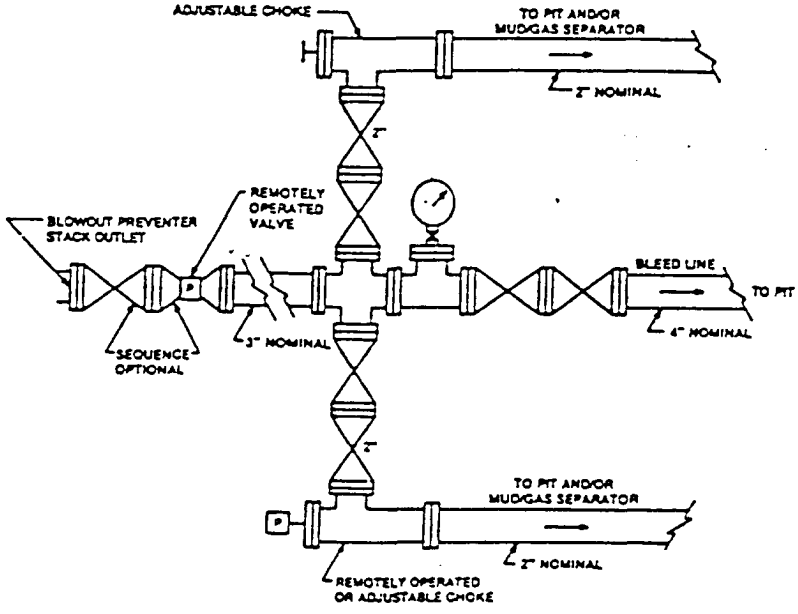


FIGURE K-2. Typical choke manifold assembly for 5M rated working pressure service — surface installation.

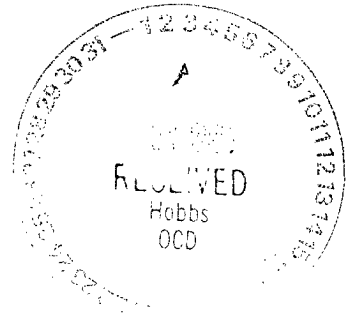


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

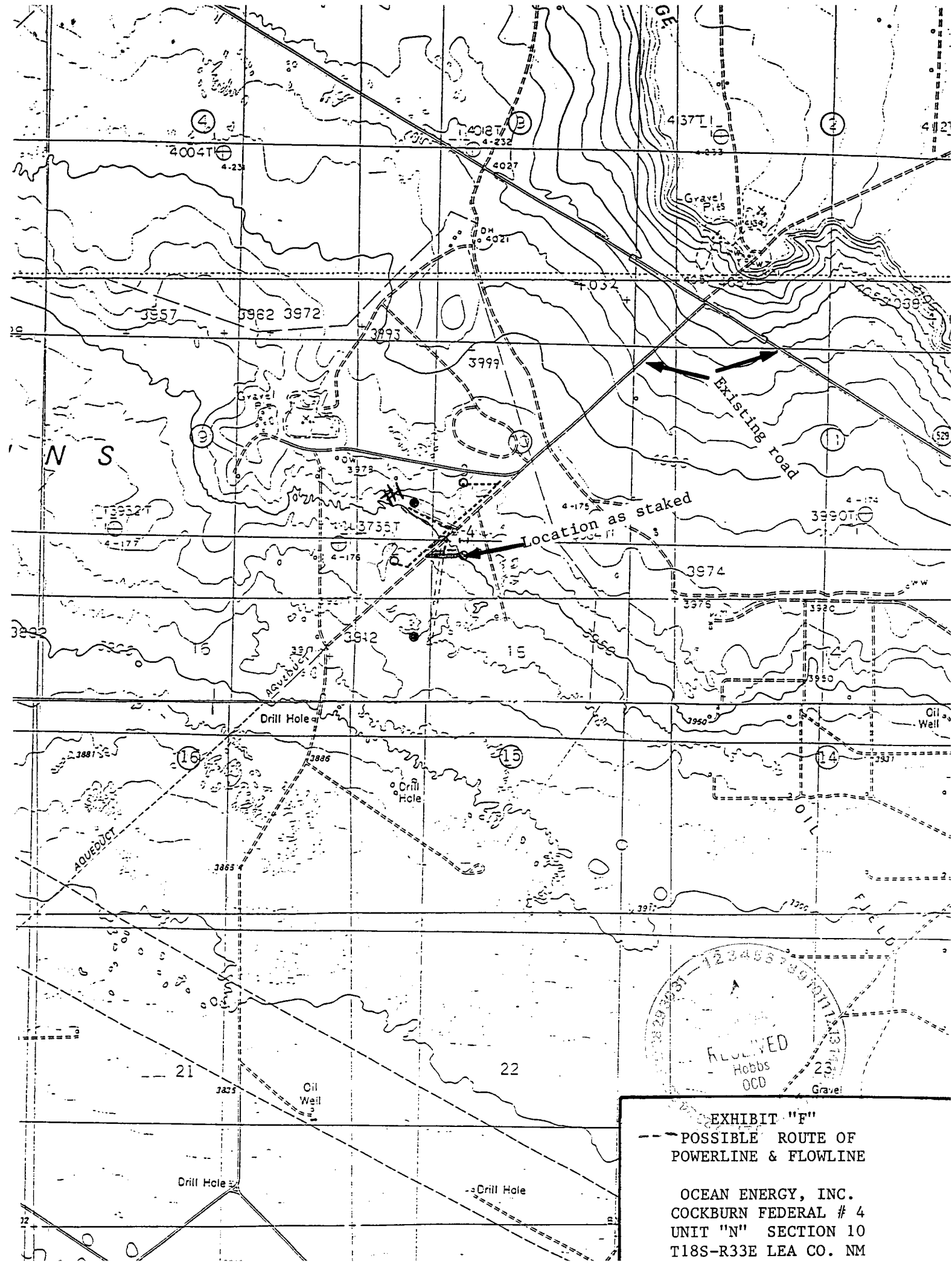


EXHIBIT "F"
POSSIBLE ROUTE OF
POWERLINE & FLOWLINE

OCEAN ENERGY, INC.
COCKBURN FEDERAL # 4
UNIT "N" SECTION 10
T18S-R33E LEA CO. NM

NRA Exploration Inc.

May 6, 2003

Bureau of Land Management
Roswell Field Office
2909 W. Second Street
Roswell, N.M. 88201-2019

Re: Surface Owner Agreement

Attn: Linda Askwig

Dear Linda:

An agreement has been made for surface damages with the surface owners for the wells to be drilled in Section 10, T18-S, R33E, Lea Co. NM Federal lease #NM-89891.

Sincerely,

Joe T. Janica
Agent for Ocean
Energy, Inc.

CC: Jeanie McMillan
Joe Laura
Chrono
File

Jtj/a

Joe This is for Ocean Energy, Inc.
Cockburn Federal
wells 2, 3, 4

RECEIVED
Hobbs
OCD