

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 23 2004

OOD-ARTESIA

0
OMB No. 1004-0136
Expires November 30, 2000

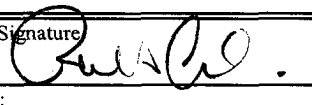
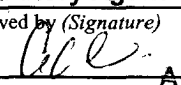
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. NM-107366
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Not Applicable
2. Name of Operator Yates Petroleum Corporation		7. If Unit or CA Agreement, Name and No. Not Applicable
3A. Address 105 South Fourth Street Artesia, New Mexico 88210	3b. Phone No. (include area code) (505) 748-1471	8. Lease Name and Well No. Biplane Unit #4
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 660' FNL and 1980' FWL; NENW At proposed prod. Zone same as above		9. API Well No. 30-005-60202
14. Distance in miles and direction from nearest town or post office* Approximately forty (40) miles NE of Roswell, NM		10. Field and Pool, or Exploratory Haystack Cisco
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'	16. No. of Acres in lease 281.77	11. Sec., T., R., M., or Blk, and Survey or Area Section 15, T6S-R27E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2640'	19. Proposed Depth 5965'	12. County or Parish Chaves County
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4090.3' GL	22. Approximate date work will start* ASAP	13. State NM
17. Spacing Unit dedicated to this well 320 acres W/2		20. BLM/BIA Bond No. on file NM-2811
23. Estimated duration 30 Days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) Robert Asher	Date 4/26/04
Title: Regulatory Agent		
Approved by (Signature) 	Name (Printed/Typed) (JORG. SGO.) ARMANDO A. LOPEZ	Date JUN 17 2004
Title Acting Assistant Field Manager, Lands And Minerals	Office ROSWELL FIELD OFFICE	

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, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

*(Instructions on reverse)

APPROVED FOR 1 YEAR

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
March 12, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes xx No ☐

Type of action: Registration of a pit or below-grade tank xx Closure of a pit or below-grade tank xx

Operator: Yates Petroleum Corporation Telephone: (505) 748-1471 e-mail address: debbiec@ypcnm.com
Address: 105 South 4th Street, Artesia, New Mexico 88210
Facility or well name: Biplane Unit #4 API #: U/L or Qtr/Qtr C Sec 15 T 6S R 27E
County: Chaves Latitude Longitude NAD: 1927 ☐ 1983 xx Surface Owner Federal
xx State ☐ Private ☐ Indian ☐

Pit Type: Drilling xx Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined xx Unlined ☐

Liner type: Synthetic xx Thickness 12 mil

Clay ☐ Volume bbl

Below-grade tank

Volume: bbl Type of fluid:

Construction material:

Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

50 feet or more, but less than 100 feet

100 feet or more

(20 points)

(10 points)

(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

No

(20 points)

(0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

200 feet or more, but less than 1000 feet

1000 feet or more

(20 points)

(10 points)

(0 points)

Ranking Score (Total Points)

20 points

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ a general permit xx, or an (attached) alternative OCD-approved plan ☐.

Date: May 13, 2004

Printed Name/Title Robert Asher / Regulatory Agent / Land Department Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: MAY 18 2004

Date:

Printed Name/Title

Signature

Our C-144 is approved with the following stipulation; the liner must be a 12-mil woven. Also note your choice of liner mandates the manner in which the pit may be closed. The pit's contents and the liner shall be removed and disposed of in a manner approved by the division.

Form C-144 is approved with the following

Please see attached stipulations and/or requirements:

District I
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ CheckBox1 of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: UPC Telephone: _____ e-mail address: _____

Address: _____

Facility or well name: BIPLANE UNIT #4 API #: _____ U/L or Qtr/Qtr S Sec 15 T 6S R 27E

County: Chaves Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

50 feet or more, but less than 100 feet

100 feet or more

(20 points)

(10 points)

(0 points)

RECEIVED

MAY 17 2004

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

No

(20 points)

(0 points)

OCD-ARTESIA

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

200 feet or more, but less than 1000 feet

1000 feet or more

(20 points)

(10 points)

(0 points)

Ranking Score (Total Points)

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Date: 5/13/04

Printed Name/Title: ROBERT ASKE/REG. MGR Signature: No Signature

No attached plan

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: _____

Date: _____

Printed Name/Title: _____ Signature: _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor

Joanna Prukop
Cabinet Secretary
Acting Director
Oil Conservation Division

18 May 2004

Yates Petroleum Corp.
105 South 4th Street
Artesia, New Mexico 88210

RE:

Permit Stipulations - Biplane Unit # 4

Unit C SEC-15 T-6S R-27E

The Oil Conservation Division of Artesia is in receipt of your application to construct a pit for the purpose of drilling. The request is hereby accepted and approved with the following provisions:

1. Construction and closing of pit(s) must meet the criteria of Rule 19.15.2.50 and the Pit Guidelines.
2. The pit is not located in any watercourse, lakebed, sinkhole, playa lake, or wetland.
3. Notice is to be given to the OCD prior to construction of the pit(s).
4. Upon cessation of drilling the freestanding fluid will be removed and disposed of in an OCD approved facility.
5. Due to liner choice, the pit's contents and the liner shall be removed and disposed of in a manner approved by the Division.
6. The integrity of the bottom liner may not be breached at any time for any reason.
7. The pit will not be used for any additional storage of fluids.
8. The Division may attach additional conditions to any permit upon a finding that such conditions are necessary to prevent the contamination of fresh water, or to protect public health or the environment. (19.15.2.50.C.3.G.1.)
9. Re-seeding mixture will must be approved or authorized by surface owner.

If I can be of any further assistance, please feel free to call (505) 748-1283 ext. 109.

Sincerely,

A handwritten signature in dark ink, appearing to be "VB" or "Van Barton".

Van Barton

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name Haystack Cisco
⁴ Property Code	⁵ Property Name Biplane Unit	⁶ Well Number 4
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4090.3'

¹⁰ Surface Location

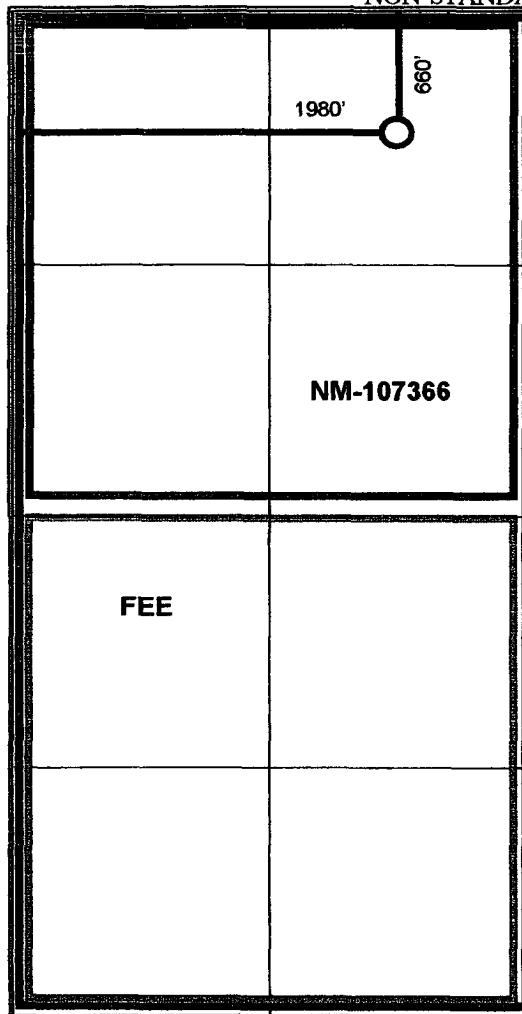
UL or lot no. C	Section 15	Township 6S	Range 27E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line West	County Chaves
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Robert Asher</i></p> <p>Signature</p> <p>Robert Asher</p> <p>Printed Name</p> <p>Regulatory Agent</p> <p>Title</p> <p>4/26/2003</p> <p>Date</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>REFER TO ORIGINAL PLAT</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

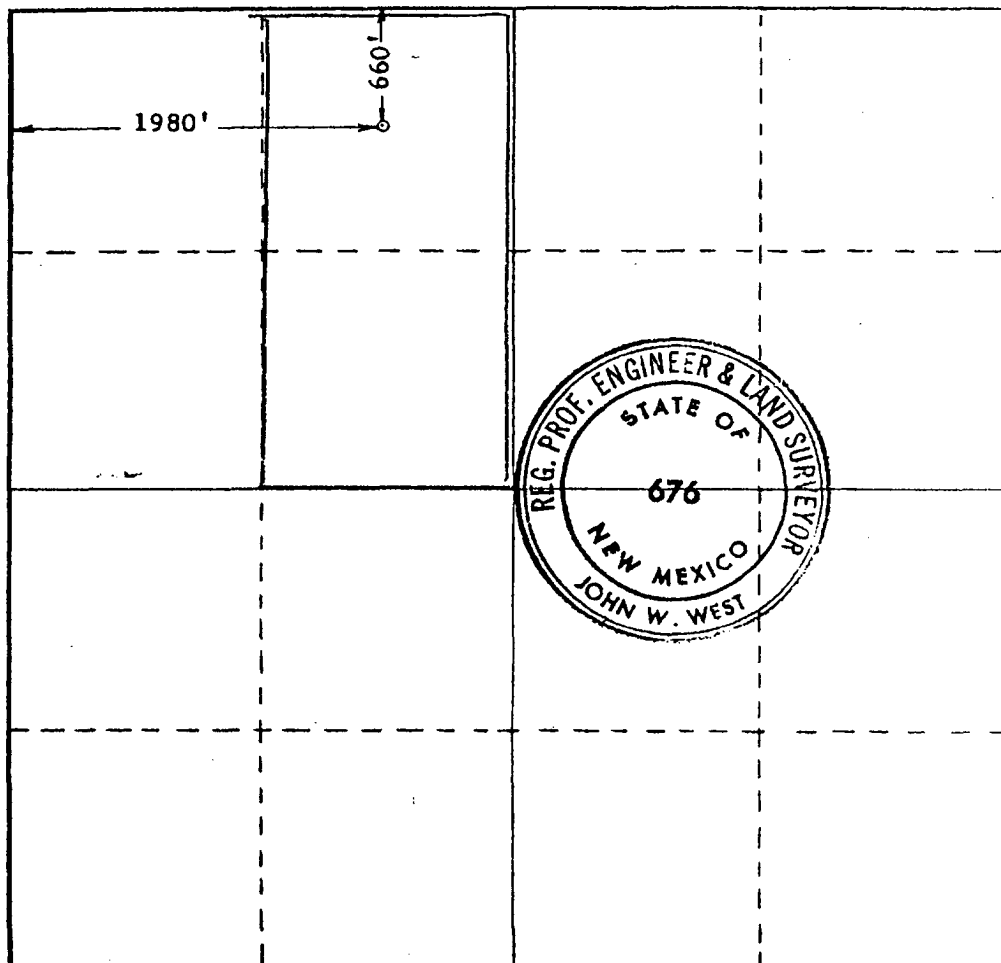
Operator JACK L. MCCLELLAN			Lease BAR - J Federal		Well No. 2
Unit Letter C	Section 15	Township 6 SOUTH	Range 27 EAST	County CHAVES	
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Ground Level Elev. 4090.3	Producing Formation Des.		Pool Hartfield, Salinas River	Dedicated Acreage: 80	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

[Signature]
Name

JACK L. MCCLELLAN
Operator

Company

JACK L. MCCLELLAN
Date

DECEMBER 1, 1971

I hereby certify that the location shown on this plat as plotted from field notes of actual surveys by me or under my supervision, and that same is true and correct to the best of my knowledge and belief.
RECEIVED
DEC 3 1971
U.S. GEOLOGICAL SURVEY
ARTESIAN

Date Surveyed

NOVEMBER 30, 1971

Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

YATES PETROLEUM CORPORATION
Biplane Unit #4 Re-entry
660' FNL and 1980' FWL
Section 15-T6S-R27E
Chaves County, New Mexico

Yates Petroleum Corporation plans to re-enter this well originally drilled by McClellan Oil Corporation as the Bar-J Federal #2 and abandoned August 12, 1975. Yates' plan is to re-enter the well with a pulling unit to drill out the cement plugs in the 8 5/8" casing and in the 7 7/8" open hole down to where the 5 1/2" casing is cut @ 2,450' then repair the casing then clean out inside the 5 1/2" casing down to the PBTD of 5,965'. The well will be completed with a pulling unit in the Cisco formation at 5,938' – 5,948' and will be tested with an electric submersible pump.

1. The estimated tops of geologic markers are as follows:

Yates	303'
San Andres	1305'
Glorieta	2474'
Abo/SH/	4598'
Wolfcamp	5297'
Penn Virg Sd	5884'
TD	5965'

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 150'-200'
Oil or Gas: All potential zones.

3. Pressure Control Equipment: BOPE will be installed on the 8 5/8" casing and rated for 3000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

4. THE PROPOSED CASING AND CEMENTING PROGRAM:

- A. Casing Program: (All New)

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft</u>	<u>Grade</u>	<u>Coupling</u>	<u>Interval</u>	<u>Length</u>
12 1/4"	8 5/8"	23#	K-55	ST&C	N/A	In Place
7 7/8"	5 1/2"	15.5#	J-55	LT&C	0-2500'	2500'
7 7/8"	5 1/2"	15.5#	J-55	LT&C	2500-5965'	In Place

1. Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Tensile Strength 1.8

Biplane Unit #4 Re-entry

Page 2

- B. CEMENTING PROGRAM:
Surface Casing: In place
Production Casing: 150 sx.

5. MUD PROGRAM AND AUXILIARY EQUIPMENT:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-TD	Cut Brine Water	9.2 – 9.5	55-70	N/C

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10' samples out from under surface casing.
Logging: CNL/LDT, W/NGT TD-Surf csg; with CNL/GR up to Surf; DLL/MS
FL TD-Surf csg: BHC Sonic TD-SURF CSG
Coring: None
DST's: As warranted.

7. ABNORMAL CONDITIONS, BOTTOM HOLE PRESSURE, AND POTENTIAL HAZARDS:

No abnormal temperatures or pressures are anticipated.

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None Anticipated

Maximum Bottom Hole Temperature: 110 F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 25 days to drill the well with completion taking another 20 days.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Biplane Unit #4 Re-entry
660' FNL and 1980' FWL
Section 15-T6S-R27E
Chaves County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. EXISTING ROADS:

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 25 miles northeast of Roswell, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

Go NE of Roswell, NM on Hwy 70 for approximately 28 miles to Olive Road (just past marker 362). Turn on Olive Road and go north for approximately 11.1 miles to Caprock Road. Turn on Caprock Road and go east approximately 0.9 of a mile. Turn left thru cattle guard and go in front of the house and around the corrals going north. Turn west on lease road just before crossing the cattle guard. Go west for approximately 0.6 miles. Access road is staked on the left, turn left and continues for approximately 800' to the dry hole marker.

2. PLANNED ACCESS ROAD:

New access road is needed since the existing road has been reclaimed. The new access will be approximately 812.1' where as to use the reclaimed route would mean building approximately 5300' of new road.

3. LOCATION OF EXISTING WELL:

- A. There is drilling activity within a one-mile radius of the wellsite.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. It is planned to re-enter the proposed well with a cut brine system. The brine water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will locate nearest pit and obtain any permits and materials needed for construction.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary land fill. Burial on site is not approved.

8. ANCILLARY FACILITIES: NONE

9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach.
- B. The reserve pits will be plastic lined.

10. PLANS FOR RESTORATION:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level after they have evaporated and dried.

11. SURFACE OWNERSHIP: Bureau of Land Management – Roswell, NM.

12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

13. OPERATOR'S REPRESENTATIVE:


A. Through A.P.D. Approval:
Bob Asher, Regulatory Agent
Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Phone (505) 748-1471

B. Through Drilling, Completions & Prod.
Pinson McWhorter, Operations Manager
Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Phone (505) 748-1471

14. CERTIFICATION:

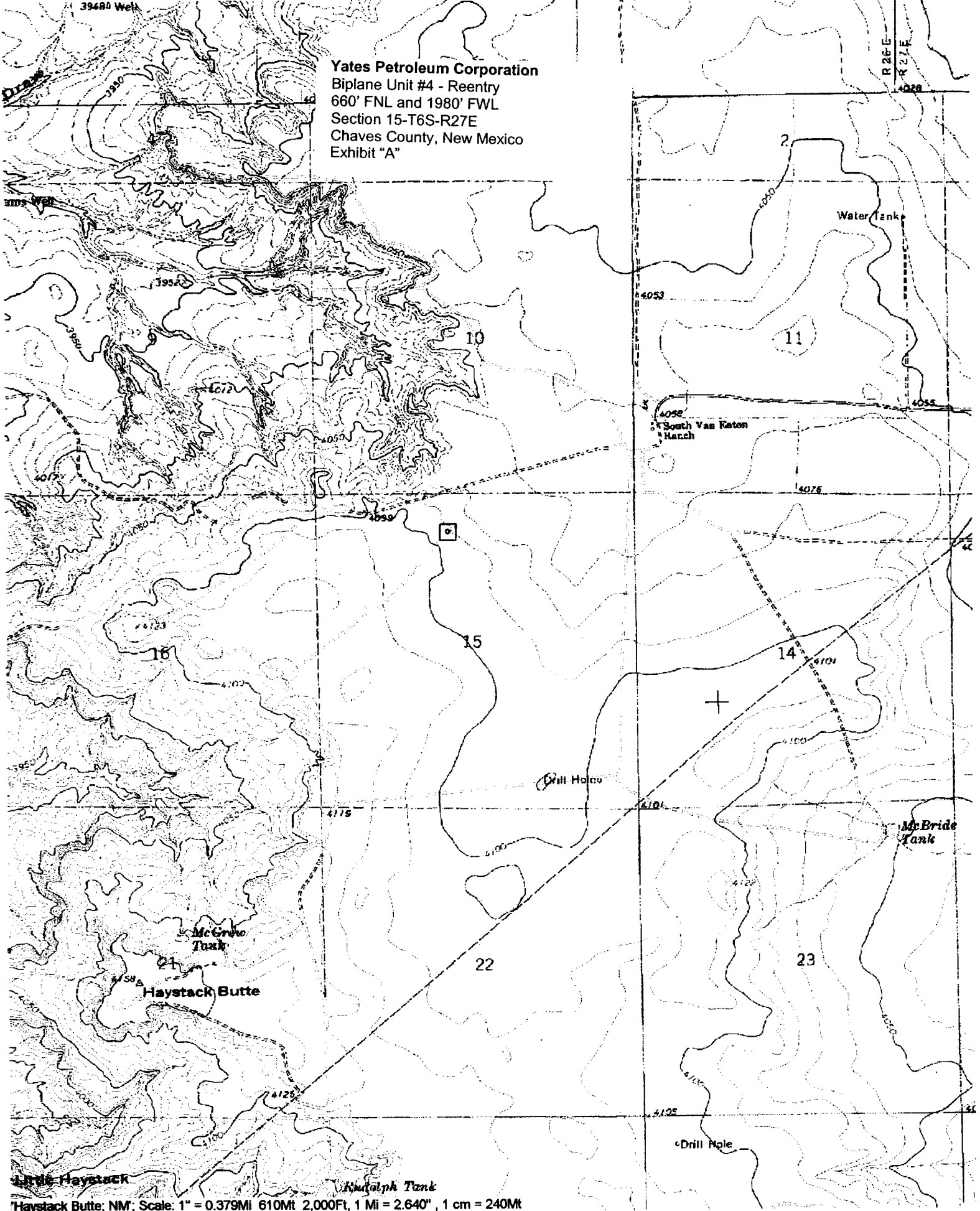
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors 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.

4/26/2004



Regulatory Agent

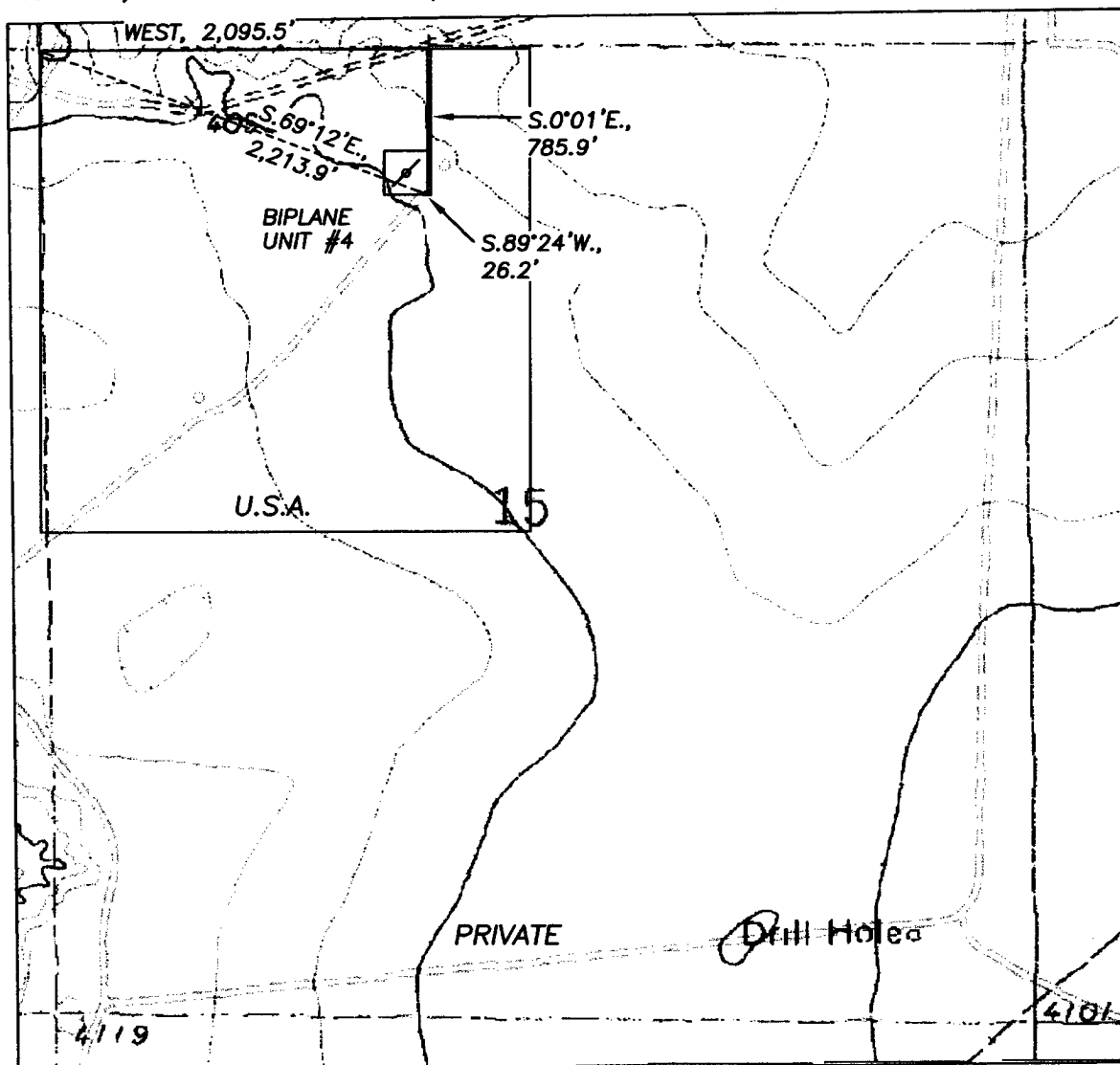
Yates Petroleum Corporation
 Biplane Unit #4 - Reentry
 660' FNL and 1980' FWL
 Section 15-T6S-R27E
 Chaves County, New Mexico
 Exhibit "A"



Haystack Butte, NM

Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2,640' , 1 cm = 240Mt

SECTION 16, TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM, CHAVES COUNTY, NEW MEXICO.



DESCRIPTION:

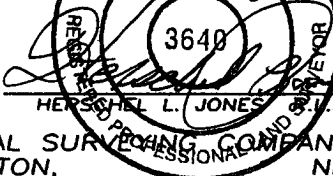
A LEASE ROAD RIGHT OF WAY 30 FEET WIDE, AND 812.1 FEET IN LENGTH, BEING 15 FEET TO THE LEFT AND RIGHT OF THE SURVEY CENTERLINE AS SHOWN IN RED ON THIS PLAT.

812.1 FEET = 49.2182 RODS, 0.1538 MILES OR 0.5593 ACRES, MORE OR LESS.

Yates Petroleum Corporation
Biplane Unit #4 - Reentry
660' FNL and 1980' FWL
Section 15-T6S-R27E
Chaves County, New Mexico
Exhibit "A-1"

1000' 0 1000' 2000'
Scale 1" = 1000'

THE PREPARATION OF THIS PLAT AND THE PERFORMANCE OF THE SURVEY UPON WHICH IT IS BASED WERE DONE UNDER MY DIRECTION AND THE PLAT ACCURATELY DEPICTS THE RESULTS OF SAID SURVEY AND MEET THE REQUIREMENTS OF THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.



GENERAL SURVEYING COMPANY P.O. BOX 1928
LOVINGTON, NEW MEXICO 88260

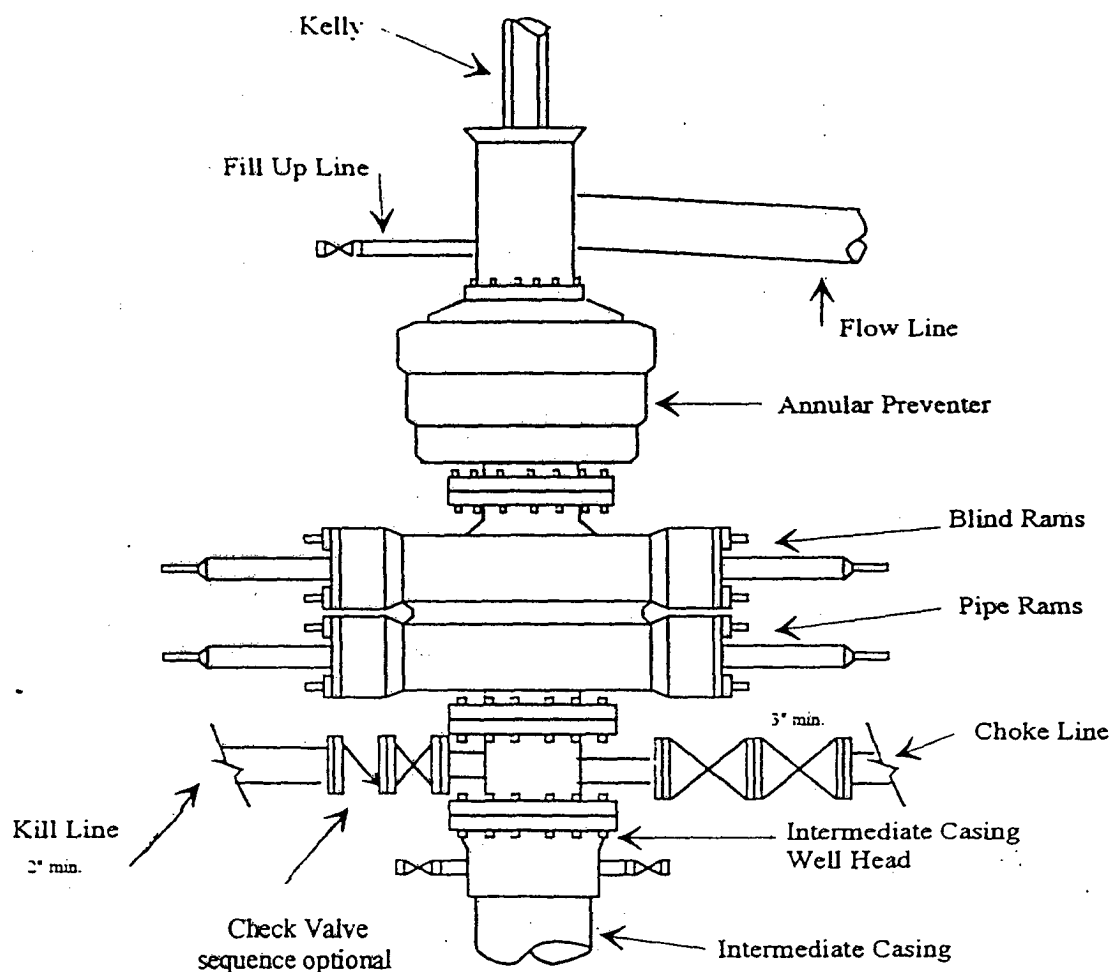
YATES PETROLEUM CORP.

LEASE ROAD TO ACCESS THE YATES BIPLANE UNIT #4 WELL,
LOCATED IN SECTION 15, TOWNSHIP 6 SOUTH, RANGE 27
EAST, NMPM, CHAVES COUNTY, NEW MEXICO.

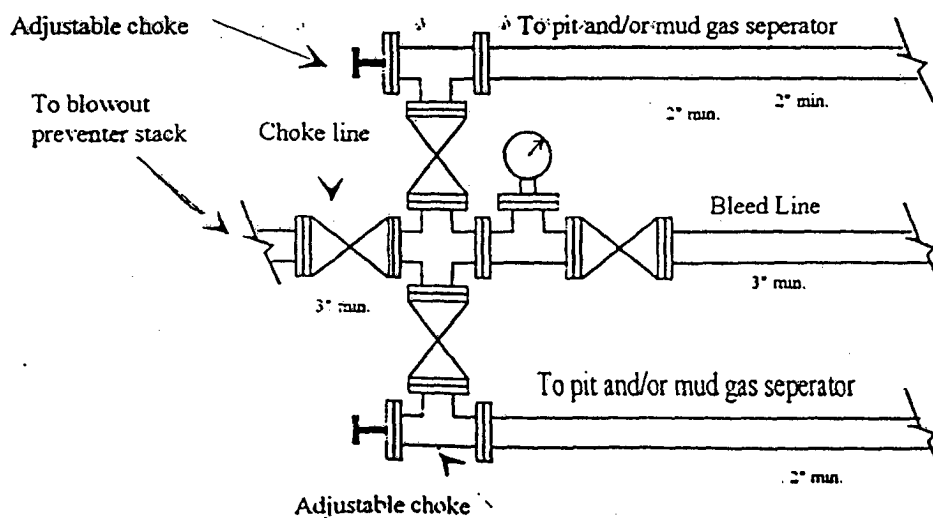
Survey Date: 3/03/2004	Sheet 1 of 1 Sheets
Drawn By: Ed Blevins	W.O. Number
Date: 3/07/04	Scale 1" = 1000' BIPLANE 4

Yates Petroleum Corporation

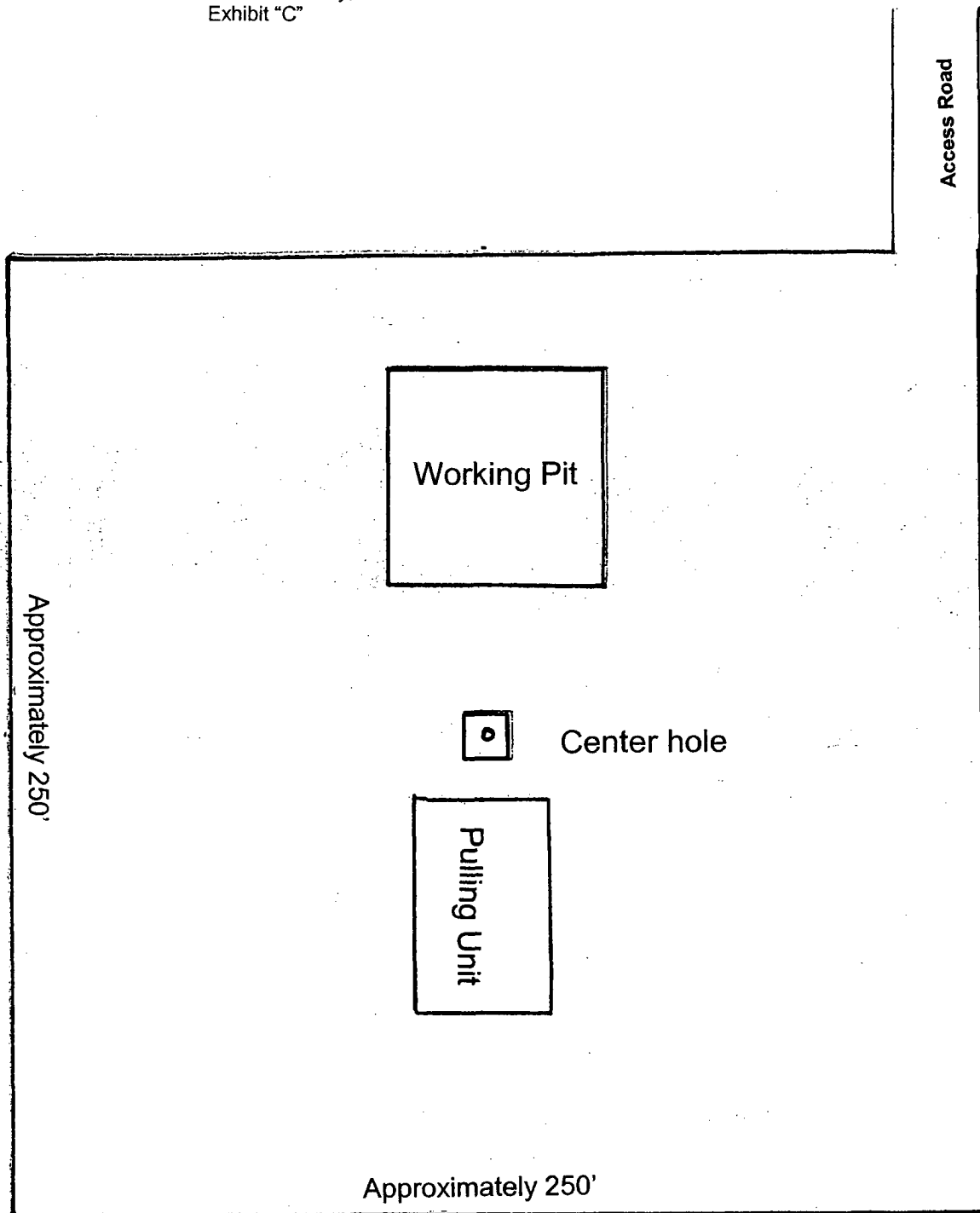
Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



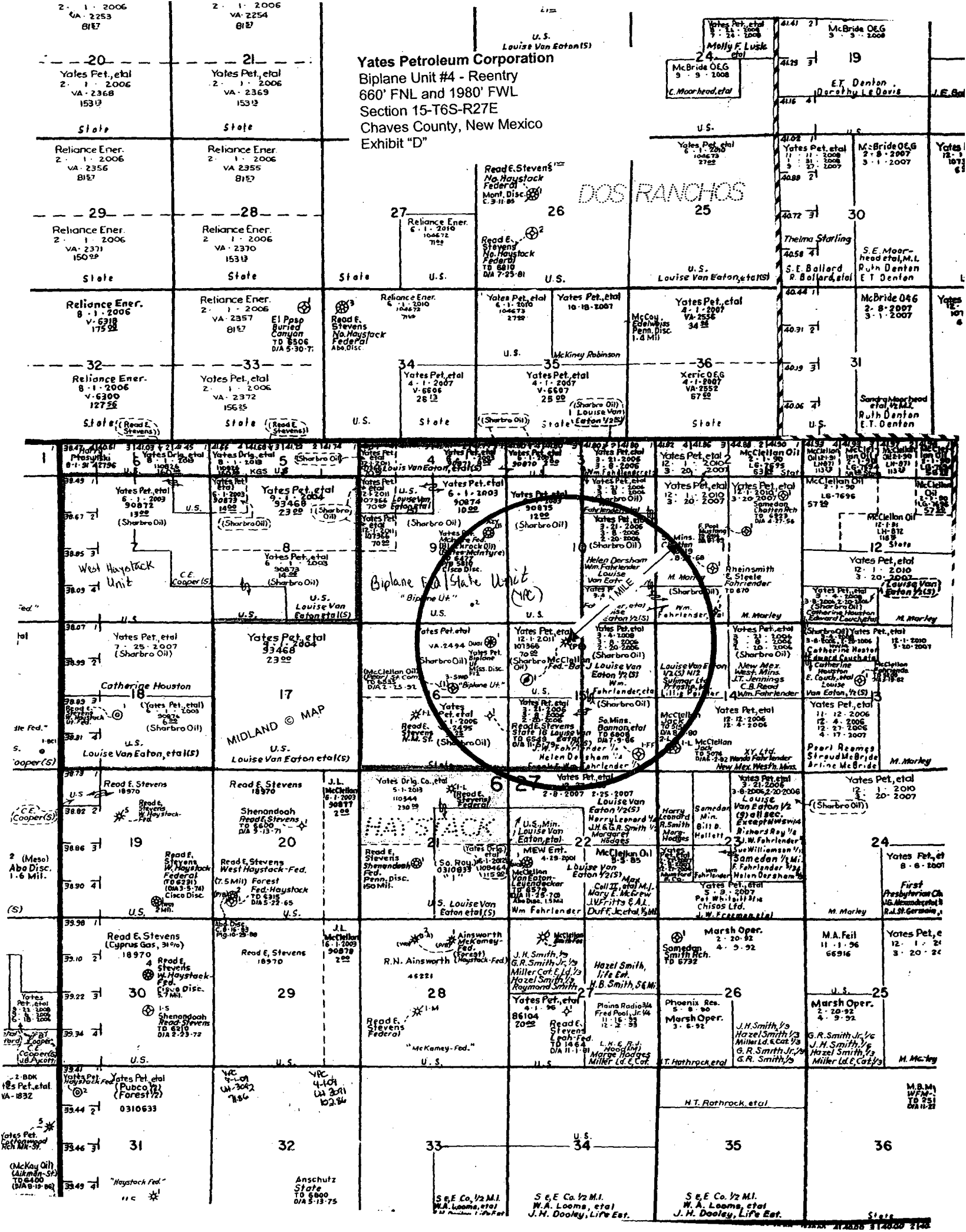
Typical 3,000 psi choke manifold assembly with at least these minimum features



Yates Petroleum Corporation
Biplane Unit #4 - Reentry
660' FNL and 1980' FWL
Section 15-T6S-R27E
Chaves County, New Mexico
Exhibit "C"



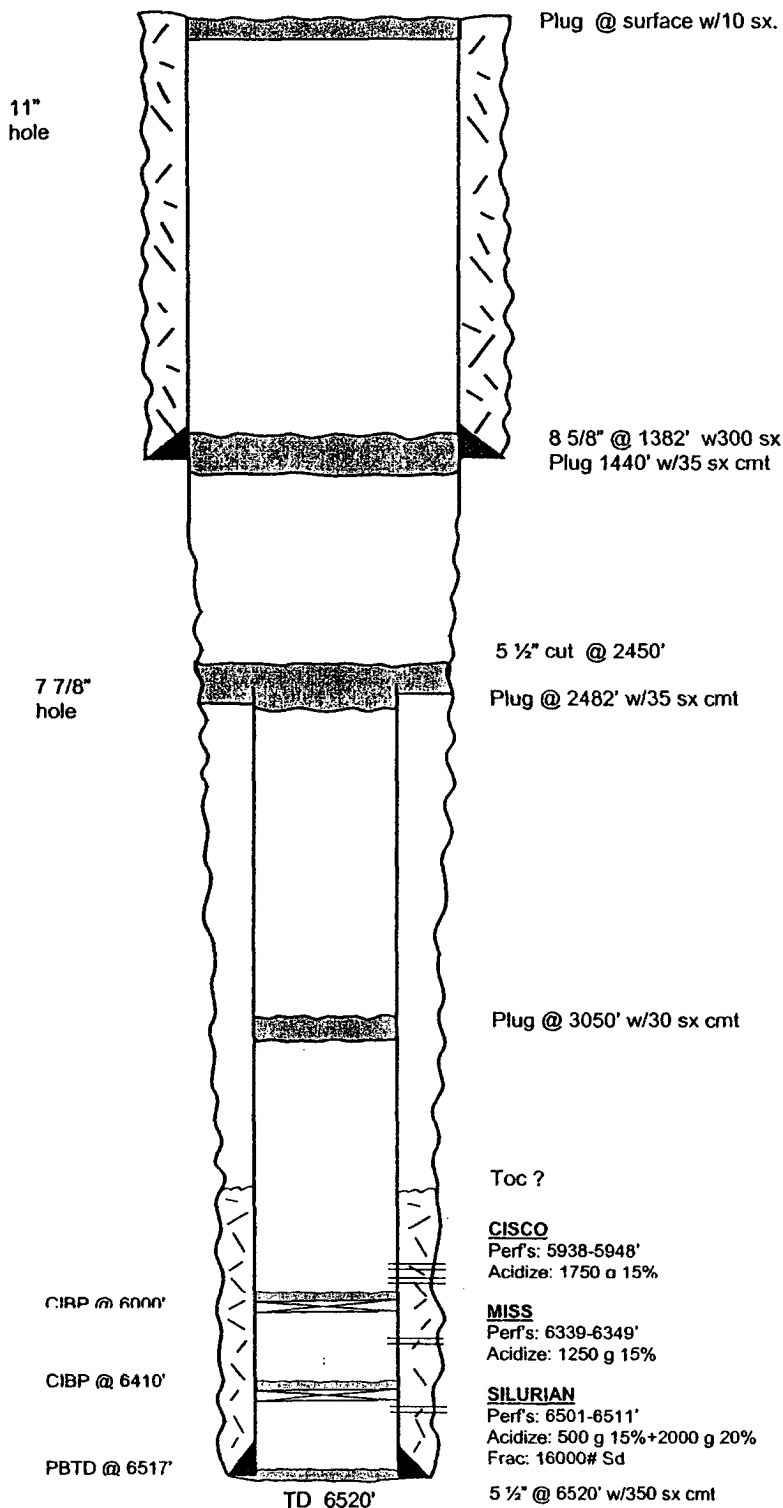
DOS RANCHOS
25



WELL NAME: Bar J Federal #2 **FIELD:** Haystack Cisco
LOCATION: 660' FNL & 1980' FWL Sec 15 T6S-R27E Chaves County
GL: 4090' **ZERO:** **KB:**
SPUD DATE: 8/12/75 **COMPLETION DATE:** D&A 8/12/75
COMMENTS: 30-005-60202

CASING PROGRAM

8 5/8" 23#	1382'
5 1/2" 14# & 15.5#	6520'



TOPS

Yates	303'
San Andres	1305'
Glorieta	2474'
Abo /SH/	4598'
Wolfcamp	5297'
Penn Virg Sd	5884'
Mississippian	6284'
Devonian	6404'

BEFORE

Not to Scale
 02/17/04
 Cam

Yates Petroleum Corporation
 Biplane Unit #4 - Reentry
 660' FNL and 1980' FWL
 Section 15-T6S-R27E
 Chaves County, New Mexico
 Exhibit "E-1"

WELL NAME: Biplane Unit #4 **FIELD:** Haystack Cisco
LOCATION: 660' FNL & 1980' FWL Sec 15 T6S-R27E Chaves County
GL: 4090' **ZERO:** **KB:** **SPUD DATE:** 8/12/75 **COMPLETION DATE:** D&A-8/12/75
COMMENTS: 30-005-60202

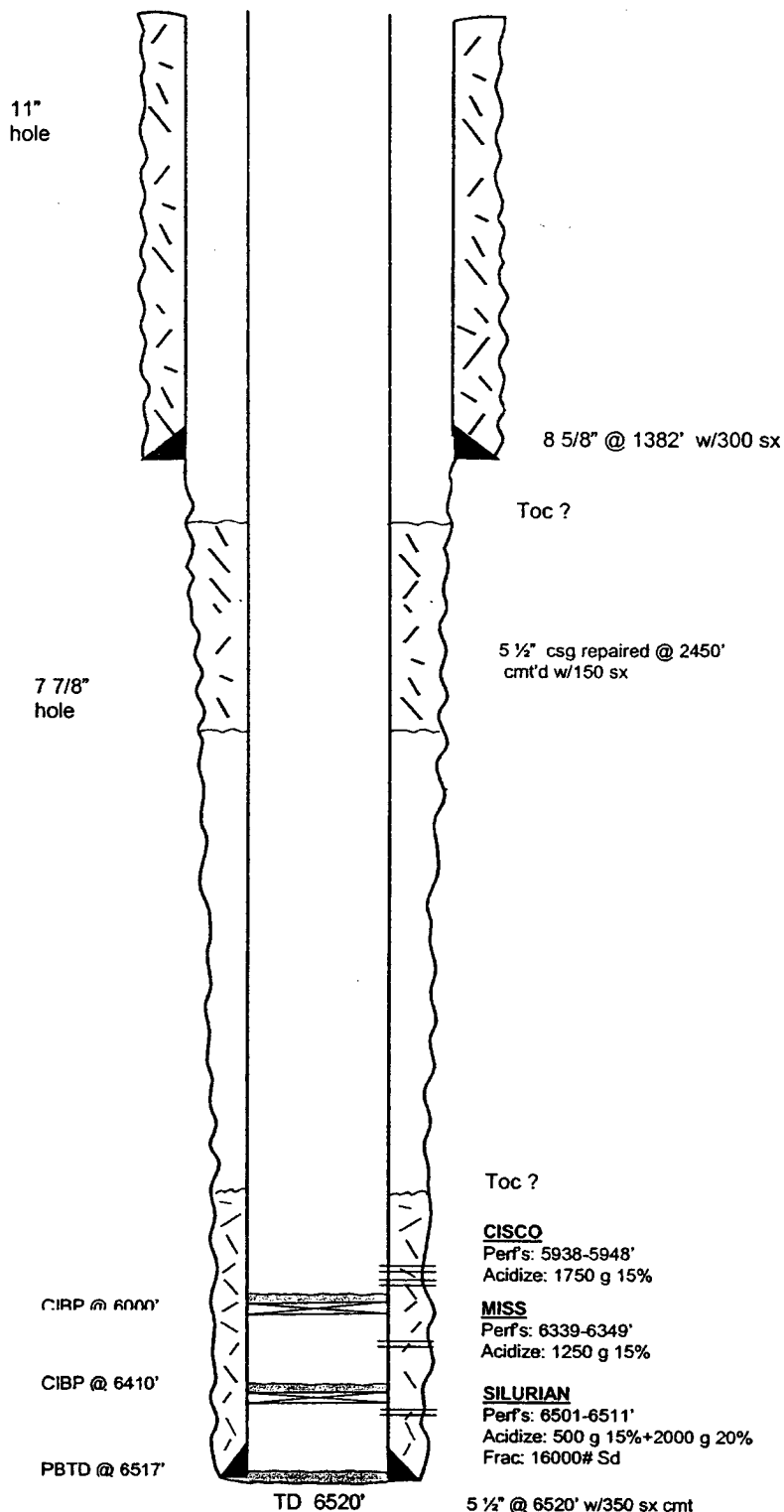
CASING PROGRAM

8 5/8" 23#	1382'
5 1/2" 14# & 15.5#	6520'

TOPS

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AFTER



Not to Scale
 02/17/04
 Cam

Yates Petroleum Corporation
 Biplane Unit #4 - Reentry
 660' FNL and 1980' FWL
 Section 15-T6S-R27E
 Chaves County, New Mexico
 Exhibit "E-2"