

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: ☐ DRILL ☐ REENTER		5. Lease Serial No. NMNM92155
1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator YATES PETROLEUM CORPORATION		7. If Unit or CA Agreement, Name and No. 32356
Contact: ROBERT ASHER E-Mail: basher@ypcnm.com		8. Lease Name and Well No. LUMINARY BAU FEDERAL COM. 1
3a. Address 105 S. 4TH ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 505.748.4364 Fx: 505.748.4572	9. API Well No. 30-005-6062
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 660FNL 660FWL At proposed prod. zone NWNW 660FNL 660FWL		10. Field and Pool, or Exploratory WILDCAT ORDOVICIAN
14. Distance in miles and direction from nearest town or post office*		11. Sec., T., R., M., or Blk. and Survey or Area Sec 35 T11S R26E Mer NMP SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres Lease 1240.00	12. County or Parish CHAVES
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 6110 MD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 3606 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well 320.00
20. BLM/BIA Bond No. on file		23. Estimated duration

24. Attachments

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

- | | |
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| 1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
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). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) CLIFTON R. MAY Ph: 505.748.4347	Date 04/16/2003
Title REGULATORY AGENT		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) LARRY D BRAY	Date 05/12/2003
Title ASST FIELD MANAGER		

Application approval does not warrant or certify 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.

Additional Operator Remarks (see next page)

Electronic Submission #20424 verified by the BLM Well Information System
For YATES PETROLEUM CORPORATION, sent to the Roswell
Committed to AFMSS for processing by Linda Askwig on 04/17/2003 (03LA0069AE)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

YATES PETROLEUM CORPORATION

Luminary BAU Federal Com. #1 Re-entry

660' FNL & 660' FWL

Section 35-T11S-R26E

Chaves County, New Mexico

Lease #NM-92155

Originally Sundance Oil Company – Johnston Federal #1

D&A 1/27/1980

Yates' plan is to re-enter the well with a pulling unit and a reverse unit to drill out cement plugs in the 8 5/8" casing and the 7 7/8" open hole & clean out down to the old TD @ 6,110'. Mud to be used is 9.2 – 9.5 ppg brine water, 55 – 70 vis. After circulating the hole clean a string of 5 1/2" casing will be run to 6,110' and cemented with enough cement to bring the top of cement to 3,500'+/-.

The well will be completed with a pulling unit. Possible formations to be completed will be the Ordovician @ 5,950'+/- or the Wolfcamp @ 5,300'+/-.

District I
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
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 30-005-60625	² Pool Code	³ Pool Name Wildcat Ordovician
⁴ Property Code	⁵ Property Name LUMINARY BAU FEDERAL COM.	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 3605.6'

¹⁰ Surface Location

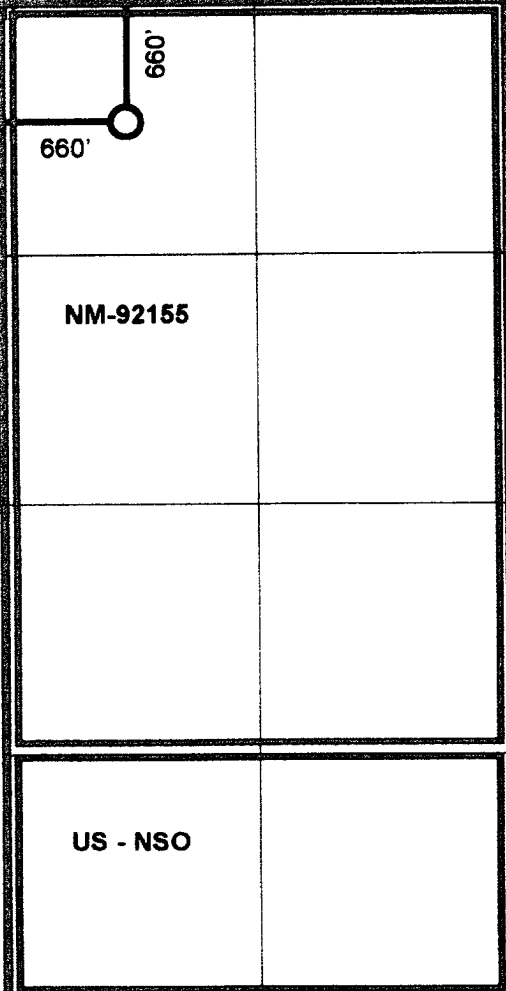
UL or lot no. D	Section 35	Township 11S	Range 26E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line West	County Chaves
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¹¹ Bottom Hole Location If Different From Surface

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 W/2	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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Clifton R. May</i> Signature: Clifton R. May Printed Name: Regulatory Agent Title: 4/9/2003 Date:
	¹⁸ 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 supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT Date of Survey: Signature and Seal of Professional Surveyor: Certificate Number:

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-121
 Effective 1-4-65

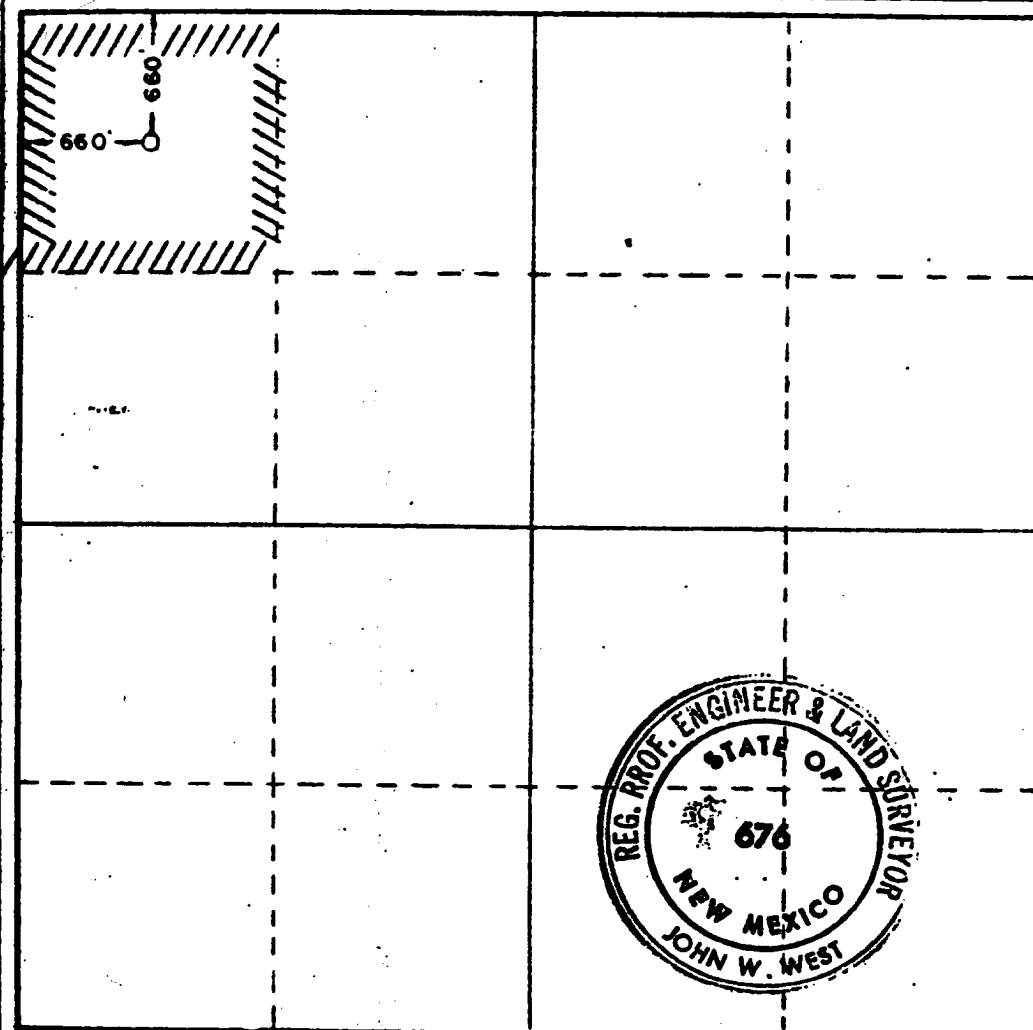
All distances must be from the outer boundaries of the Section

Operator Sundance Oil Company			Lease Federal 35		Well No. 1
Unit Letter D	Section 35	Township 11 South	Range 26 East	County Chaves	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3605.6	Producing Formation Montoya		Pool LUIECAT Unconsolidated	Estimated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all leases 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. (If more than one side of this form is 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.

James F. O'Briant
James F. O'Briant

Position

Consultant

Company

Sundance Oil Company

Date

December 4th, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 24, 1979

Registered Professional Engineer and/or Land Surveyor

John W. West
 Certificate No. **John W. West** **676**
 Board of Engineers **1979**

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

LUMINAR BAU FEDERAL COM #:

Wildcat

WELLNAME: Johnston Federal 1 (Sundance) FIELD:

LOCATION: 660' FW + 660' FW D 35-115-26E

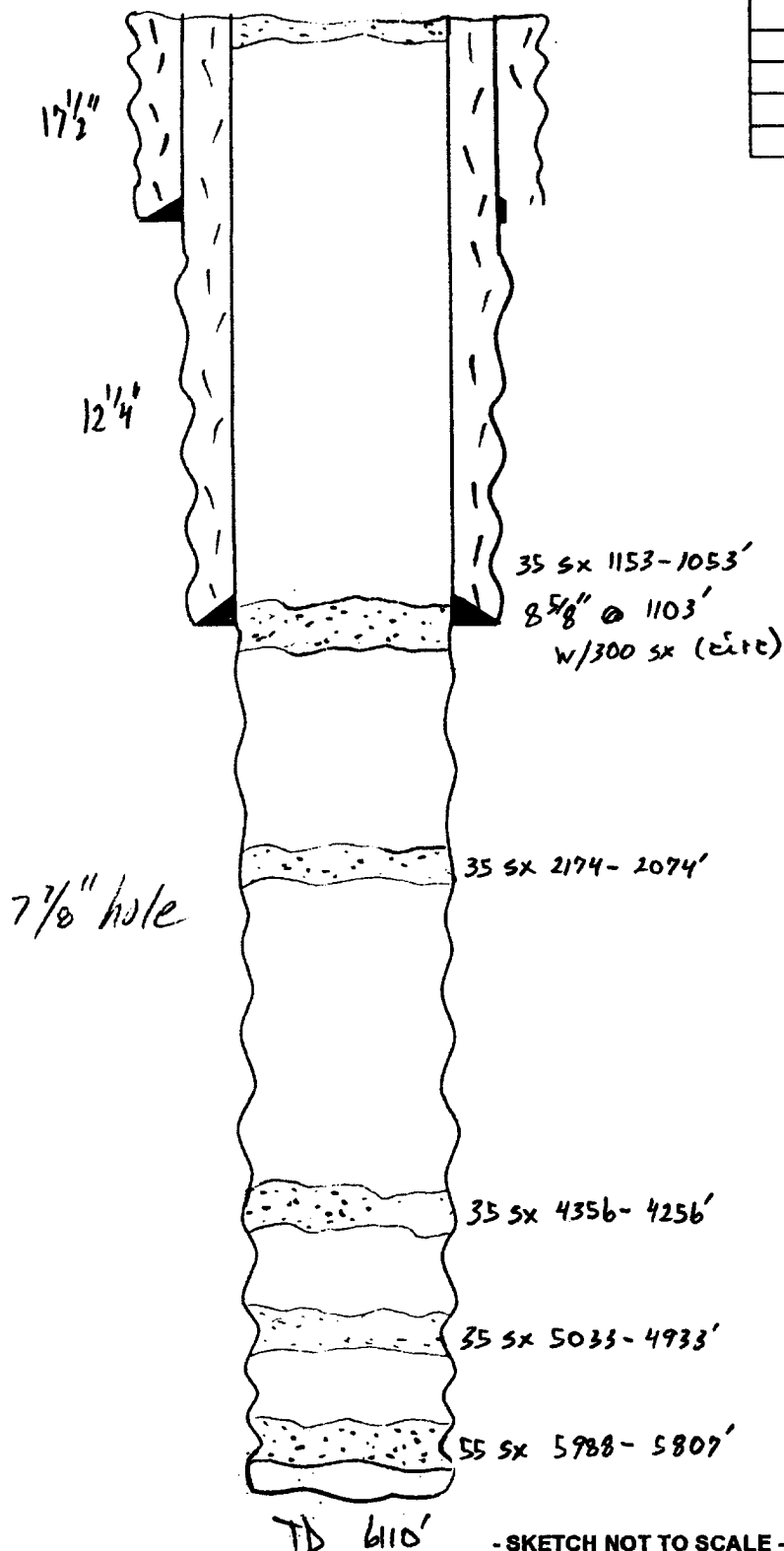
Chaves County

GL: 3606' ZERO: AGL: KB: 3616'

SPUD DATE: 12-31-79 COMPLETION DATE: 1-27-80

COMMENTS: DKA

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 1/8" 48#, H-40 STLC	295'
8 5/8" 24#, J-55, STLC	1103'



before

Tops: Queen	325'
Penrose	413'
San Andres	845'
Glorieta	2031'
Yeso	2124'
Tubb	3544'
Abo	4306'
Wolfcamp	5134'
Cisco	5630'
Montoya	5882'
MPZ	5938'
Helenburger	5989'

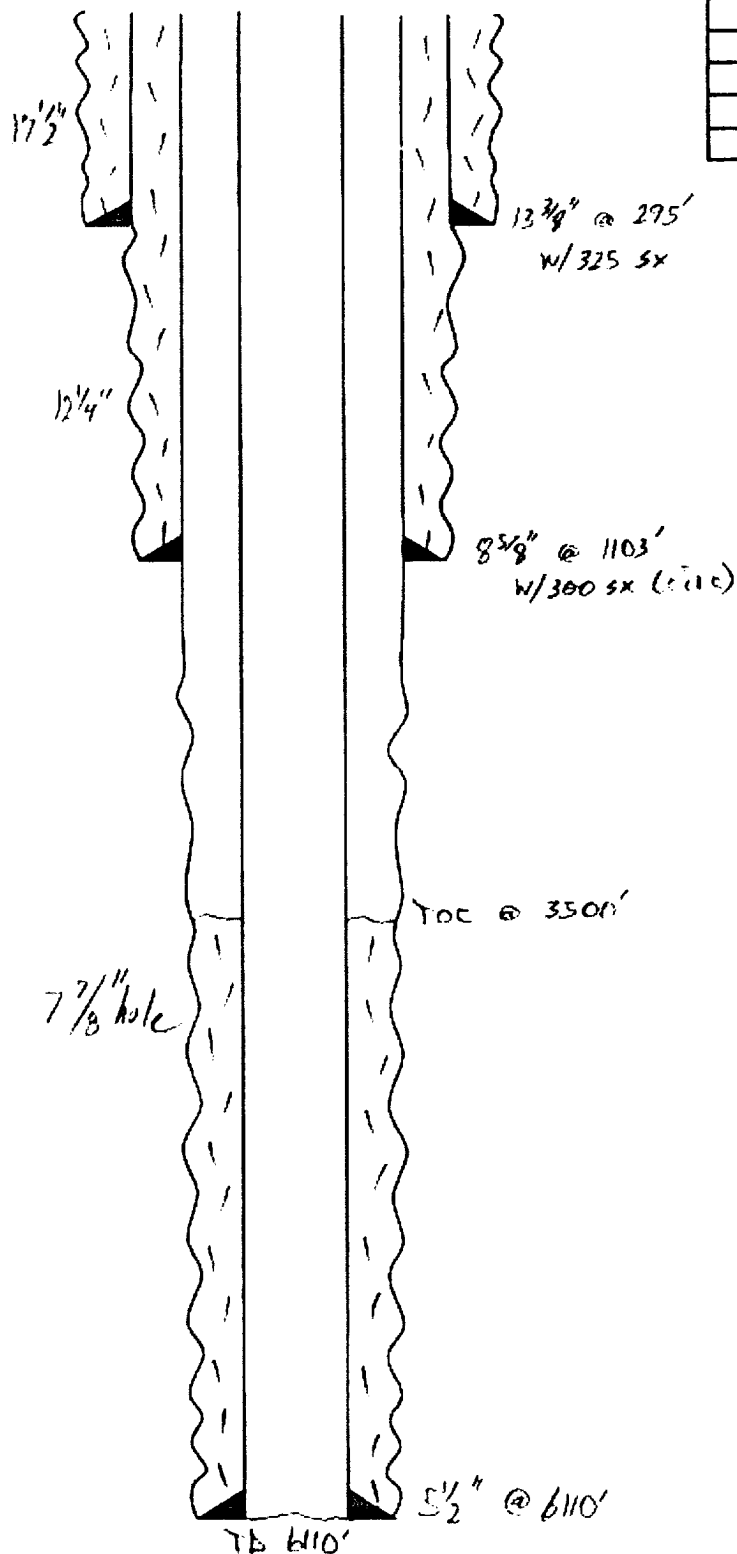
- SKETCH NOT TO SCALE -

DATE: 1-26-01 RD

LUMINARY BAU FEDERAL Com #

WELLNAME: Johnston Federal 1 FIELD: WILD CAT
 LOCATION: 660' FN & 660' FN D 35-115-26E Chaves County
 GL: 3606' ZERO: _____ .AGL: _____ KB: 3616'
 SPUD DATE: _____ COMPLETION DATE: _____
 COMMENTS: _____

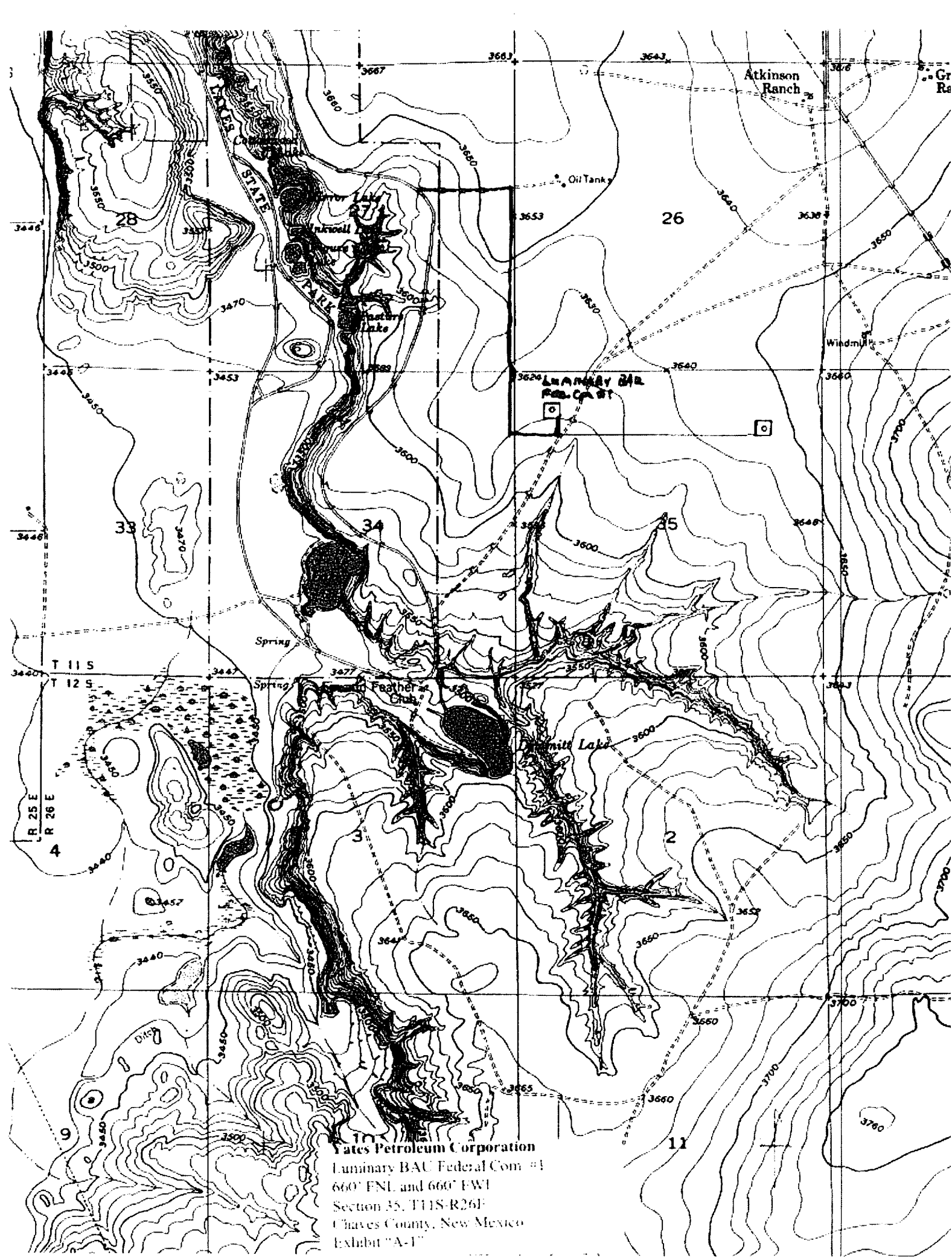
CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 7/8" 48# H-40 ST&C	295'
8 5/8" 24# J-55 ST&C	1103'
5 1/2" 15.50 #H4, J-55 ST&C	6110'



After

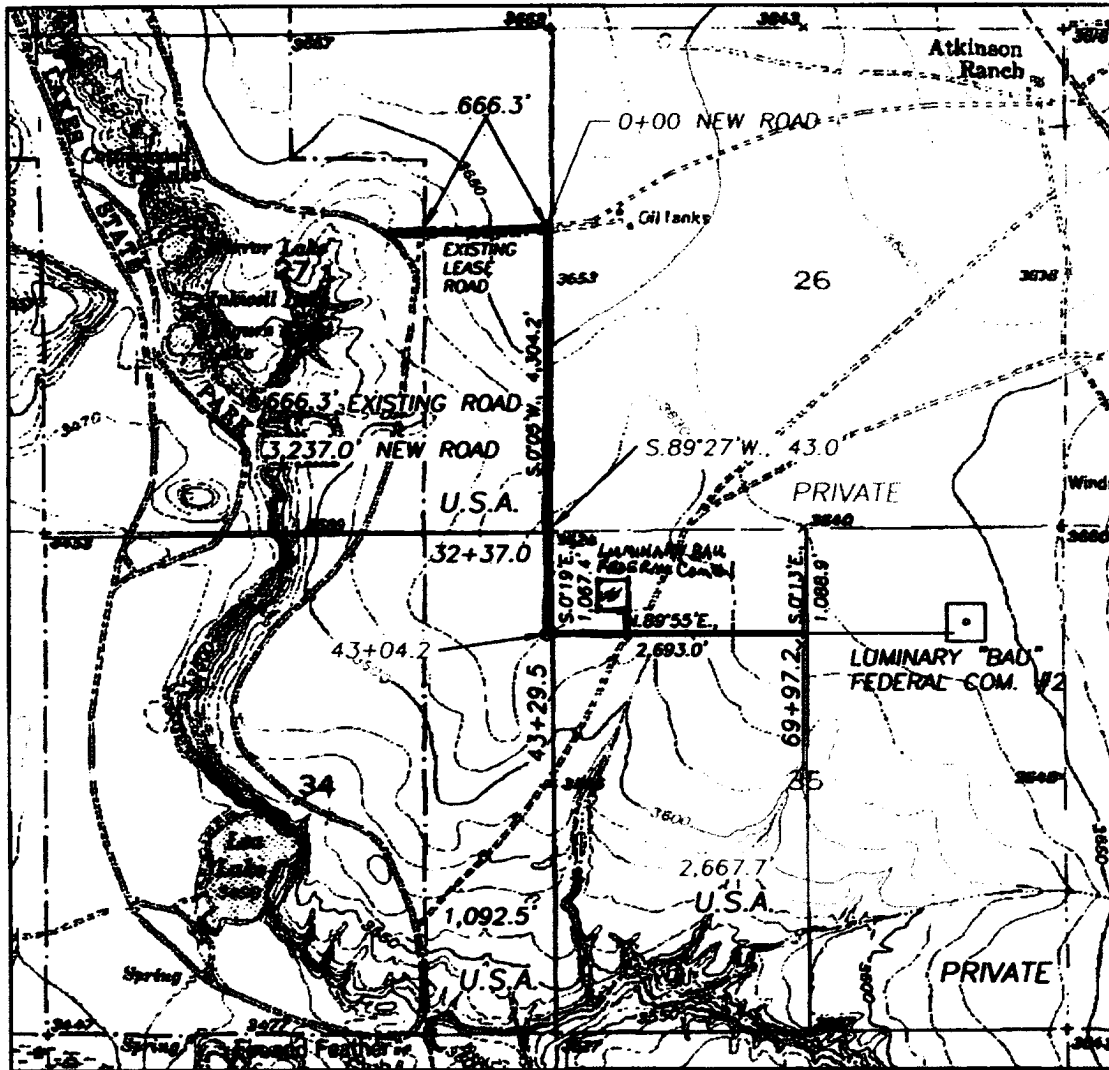
- SKETCH NOT TO SCALE -

DATE: 1-26-01 8A



Yates Petroleum Corporation
Luminary BAC Federal Com #1
660' FNL and 660' FWI
Section 35, T11S-R26E
Chaves County, New Mexico
Exhibit "A-1"

SECTION 26, 27, 34, & 35, TOWNSHIP 11 SOUTH, RANGE 26 EAST, NMPM, CHAVES COUNTY, NEW MEXICO.



DESCRIPTION:

A LEASE ROAD RIGHT OF WAY 30 FEET WIDE AND 7,663.5 FEET IN LENGTH, BEING 15 FEET TO THE LEFT AND RIGHT OF THE SURVEY CENTERLINE AS SHOWN ON THIS PLAT.

SECTION 27: 3,903.3 FEET = 236.5636 RODS, 0.7393 MILES OR 2.6882 ACRES, MORE OR LESS.

SECTION 34: 1,092.5 FEET = 66.2121 RODS, 0.2069 MILES OR 0.7524 ACRES, MORE OR LESS.

SECTION 35: 2,667.7 FEET = 161.6788 RODS, 0.5052 MILES OR 1.8373 ACRES, MORE OR LESS.

7,663.5 FEET = 464.4545 RODS, 1.4514 MILES OR 5.2779 ACRES, MORE OR LESS.

Yates Petroleum Corporation
Luminary BAU Federal Com. #1
660' FNL and 660' FWL
Section 35, T11S-R26E
Chaves County, New Mexico
Exhibit "A-2"

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.

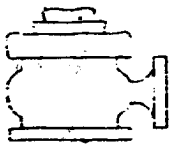
REGISTERED PROFESSIONAL LAND SURVEYOR
3640
HERSCHEL L. JONES, R.L.S. No. 3640

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

YATES PETROLEUM CORP.

LEASE ROAD TO ACCESS THE YATES LUMINARY "BAU"
FEDERAL COM. #2 WELL, LOCATED IN SECTION 35,
TOWNSHIP 11 SOUTH, RANGE 26 EAST, NMPM, CHAVES
COUNTY, NEW MEXICO.

Survey Date: 3/24/2003	Sheet 2 of 3 Sheets
Drawn By: Ed Blavins	W.O. Number
Date: 3/24/03	Scale 1" = 1000' LUMINARY 2

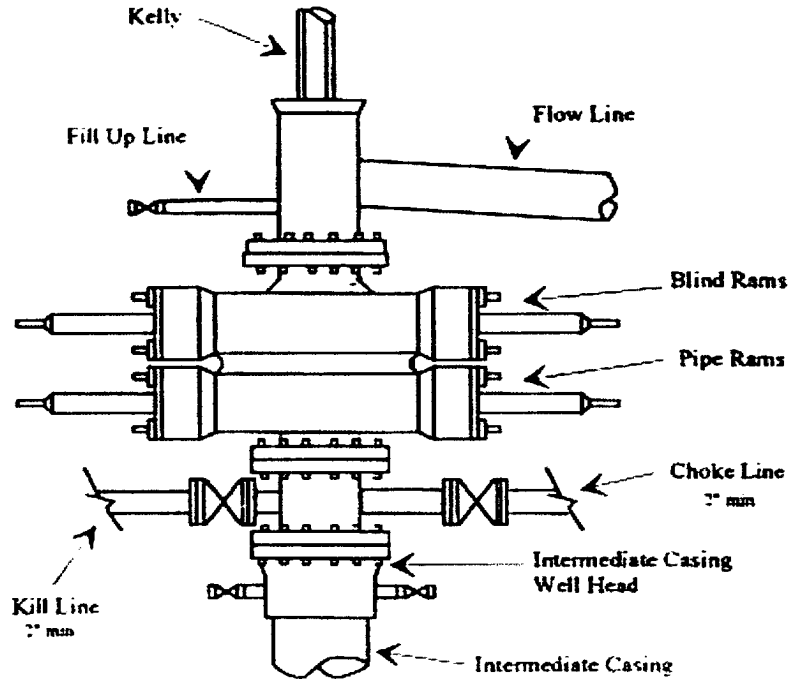


Yates Petroleum Corporation

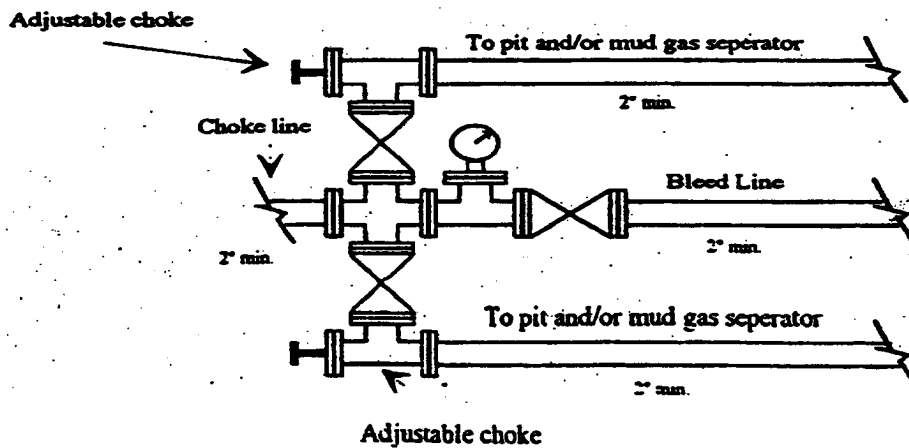
BOP-2

Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack

Yates Petroleum Corporation
Luminary B.A.T. Federal Com. #1
660' ENL and 660' FWL
Section 35, T11S-R26E
Chaves County, New Mexico
Exhibit "B"



Typical 2,000 psi choke manifold assembly with at least these minimum features



Yates Petroleum Corporation

Location Layout for Permian Basin

Up to 12,000'

Yates Petroleum Corporation

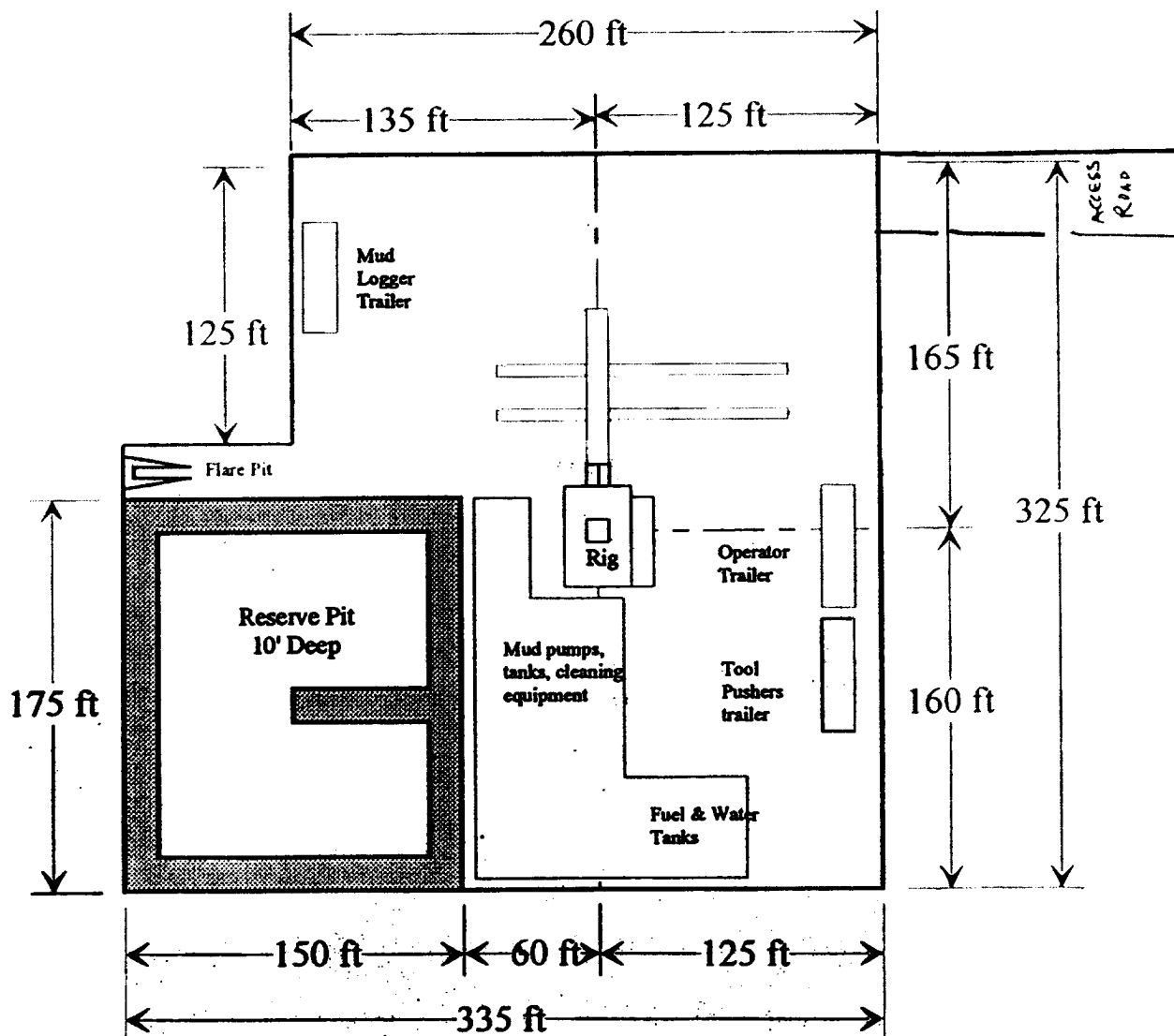
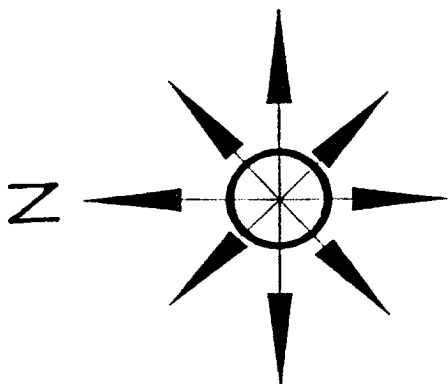
Luminary BAU Federal Com. #1

660' FNL and 660' FWL

Section 35, T11S-R26E

Chaves County, New Mexico

Exhibit "C"



Distance from Well
Head to Reserve Pit
will vary between rigs

The above dimension
should be a maximum

Yates Petroleum Corporation
Luminary BAY Federal Com. #1
660' FNL and 660' FWL
Section 32, T11S-R26E
Chaves County, New Mexico
Exhibit "D"

