

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-025-31967
FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 10, 1990

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
ARCO Oil & Gas Company

3. ADDRESS AND TELEPHONE NO.
P.O. Box 1610, Midland, TX 79702 (915) 688-5672

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)
2500 FNL & 2350 FEL (Unit Letter G)
23-25S-37E

5. LEASE DESIGNATION AND SERIAL NO.
NM-7487

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

8. WELL NAME AND NO.
South Justis Unit "C"

9. API WELL NO.
202

10. FIELD AND POOL, OR EXPLORATORY AREA
Justis Blbry-Tubb-Dkrd

11. COUNTY OR PARISH, STATE
Lea

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERING CASING
	<input type="checkbox"/> Other
	<input type="checkbox"/> CHANGE OF PLANS
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> CONVERSION TO INJECTION

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

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to change well number.

From: #200
To: #202

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

SIGNED Ken A. Gosnell TITLE Regulatory Coordinator DATE 4-8-93

(This space for Federal or State office use)

APPROVED BY Orig. Signed by Adam Salameh TITLE REGULATORY ENGINEER DATE 4/26/93
CONDITIONS FOR APPROVAL, IF ANY:

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

N. M. OIL CONS. COMMISSION

P. O. BOX 1900

HOBBS, NEW MEXICO 88240

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

30-025-31967

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM--7487
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR ARCO Oil and Gas Company		7. UNIT AGREEMENT NAME South Justis Unit
3. ADDRESS OF OPERATOR P.O. Box 1610, Midland, Texas 79702 Phone, 915-688-5672		8. FARM OR LEASE NAME South Justis Unit 'C'
4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) At surface 2500' FNL & 2350' FEL (Unit Letter G) At proposed Prod. zone Approximately the same		9. WELL NO. 200-202
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 4.0 miles east of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Justis Blinbry Tubb Drinkard
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 140'	16. NO. OF ACRES IN LEASE 5360	11. SEC., T., M., OR BLK. AND SURVEY OR AREA 23-T25S-R37E
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 880'	19. PROPOSED DEPTH 6,200'	12. COUNTY Lea
21. ELEVATIONS (Show whether GR or KB) 3077' GR		13. STATE NM
22. APPROX. DATE WORK WILL START Spud 5/93		

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT ft ³
20"	13-3/8"	48.0#	40'	50 cu ft
12-1/4"	8-5/8"	24.0#	1000'	825 cu ft CIRCULATE
7-7/8"	4-1/2"	10.5#	6200'	3,200 cu ft (He back)

Subject well is planned as a 6200' MD (6200' TVD) straight well. 3M psi BOPE will be used from 1000' to TD. Attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with Attachments 1-3
3. Surface Use Plan with Attachments 3-9

Request for administrative approval
for a relocated unorthodox location
has been filed (2-23-93).

Previously submitted by AOGC to BLM:

1. Archaeological Survey of The South Justis Waterflood Project
2. Preliminary Project Report South Justis Unit
3. Unit Agreement South Justis Unit

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventor program, if any.

24. SIGNED Ken W. Gosnell TITLE Regulatory Coordinator DATE 2-22-93
(This space for Federal or State Use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SCD) RICHARD L. MANUS TITLE AREA MANAGER DATE 4/6/93

CONDITIONS OF APPROVAL IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

NOTED: Section 1001, makes it a crime for any person knowingly 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.

NSL app. R-9747 - see SANDRY Notice Requesting change of well No.

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APR 07 1993

OCD HOBBS SERVICE

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

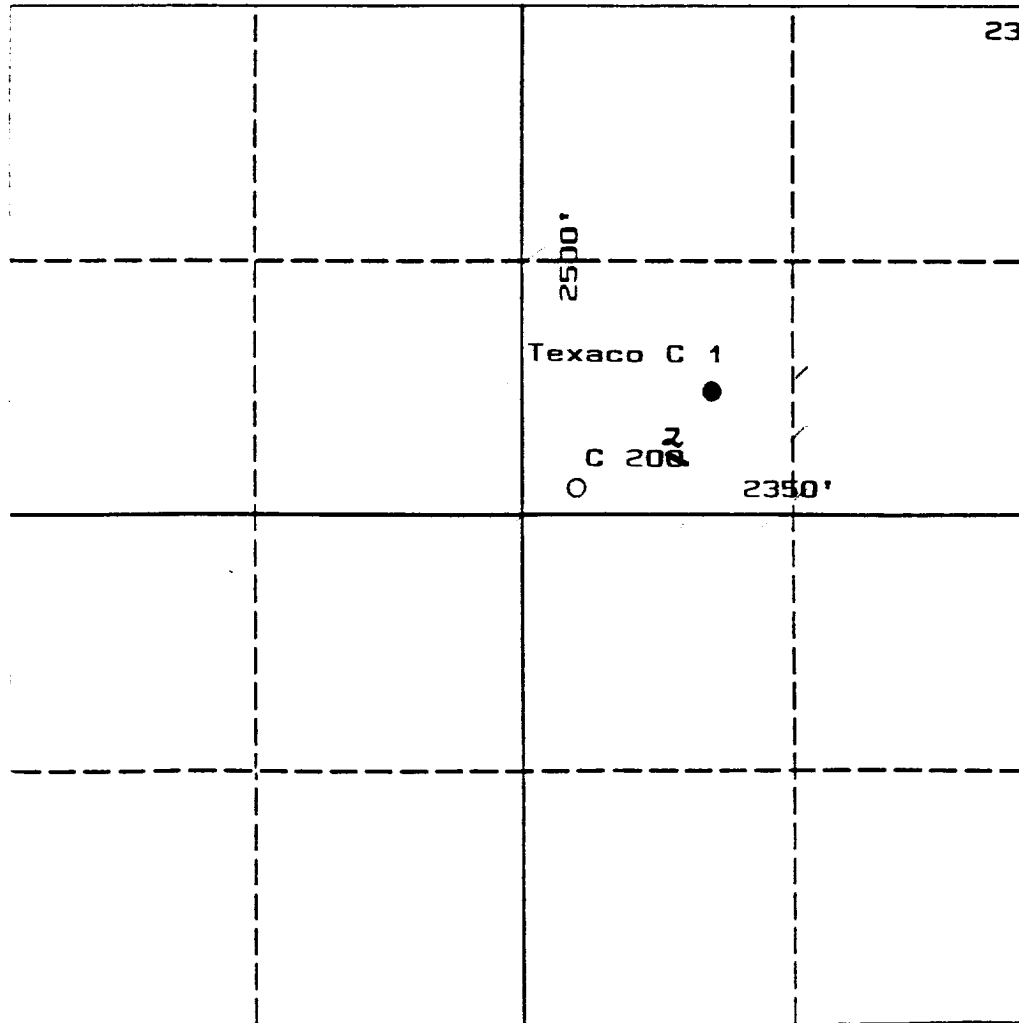
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator ARCO OIL AND GAS COMPANY		Lease South Justis Unit C		Well No. 200 202	
Unit Letter G	Section 23	Township 25 S	Range 37 E	County NMPM Lea	
Actual Footage Location of Well: 2500 feet from the North line and 2350 feet from the East line					
Ground level Elev. 3077'	Producing Formation Blbry-Tubb-Dkrd		Pool Justis	Dedicated Acreage: 40 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> 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 interest, has been approved by the Division.</p>					



OPERATOR CERTIFICATION

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

Signature

Ken W. Gosnell

Printed Name

Ken W. Gosnell

Position

Regulatory Coordinator

Company

ARCO Oil & Gas Co.

Date

2-23-93

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 knowledge and belief.

Date Surveyed

Oct. 24, 1992

Signature & Seal of
Professional Surveyor

[Signature]

Certificate No.

548

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OOD HOSSS CTR

DRILLING PLAN

Attach to BLM Form 3160-3

ARCO Oil and Gas Company

Well: South Justis Unit C-~~200~~202

Section 23-T25S-R37E

2500' FNL & 2350' FEL

Lea County, New Mexico

1. Surface Geological Formation

Ogallala Formation of late Tertiary age.

2. Estimated Tops of Geological Markers

<u>Formation</u>	<u>TVD</u>
Salt	1000'
Yates	2275'
Queen	2975'
Grayburg	3100'
San Andres	3550'
Glorietta	4625'
Blinbry	5000'
Tubb	5675'
Drinkard	5875'

3. Estimated Tops of Possible Water, Oil, Gas or Minerals:

Sands above 1000'	Water *
Yates	Gas**
Blinbry	Oil or Gas**
Tubb	Oil or Gas**
Drinkard	Oil or Gas**

* Groundwater will be protected by 8-5/8" surface casing cemented to surface.

** Productive horizons will be protected by 4-1/2" production casing cemented to surface.

4. Pressure Control Equipment

<u>Interval, TVD</u>	<u>Pressure Control Equipment</u>
0' - 1000'	No pressure control required
1000' - 6200'	11", 3M psi double ram preventer with 3M psi annular preventer.

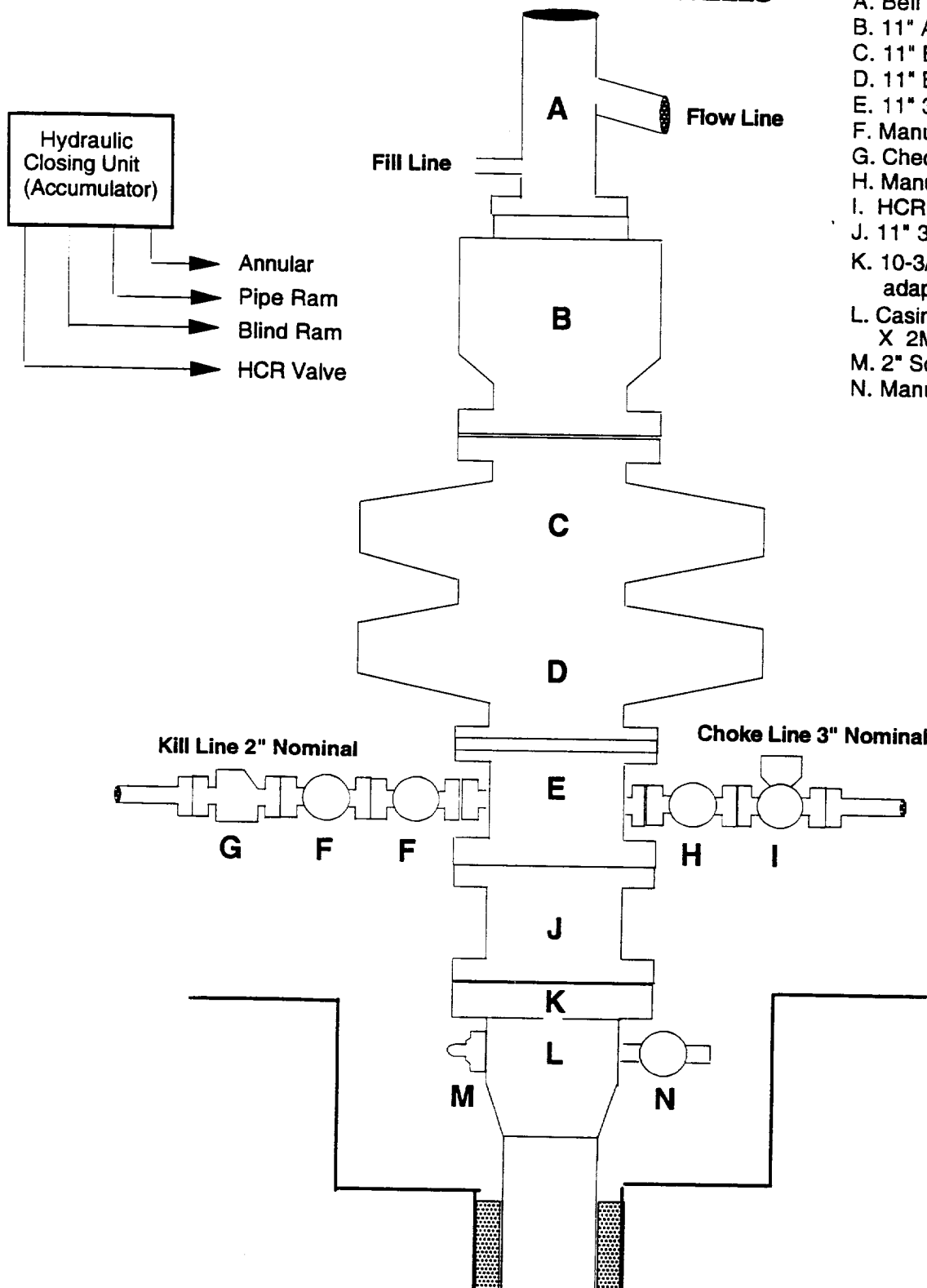
Exhibits 1, 2, and 3 show the BOP stack arrangement, the choke manifold arrangements and the BOP specifications, respectively. The BOPE will be hydraulically tested per BLM requirements outlined by Onshore Oil and Gas Order No. 2. Pipe rams and blind rams will be functioned on each trip out of the hole. The annular preventer will be functioned once a week. All BOPE checks and tests will be witnessed by ARCO's representative and will be noted on the IADC daily drilling report. Accessories to BOPE will include an upper kelly cock, lower kelly cock, and floor safety valve all with pressure rating equivalent to the BOP stack.

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OCD HOBBS OFFICE

**EXHIBIT 1
BOP ARRANGEMENT
ARCO OIL & GAS CO.
SOUTH JUSTIS UNIT WELLS**



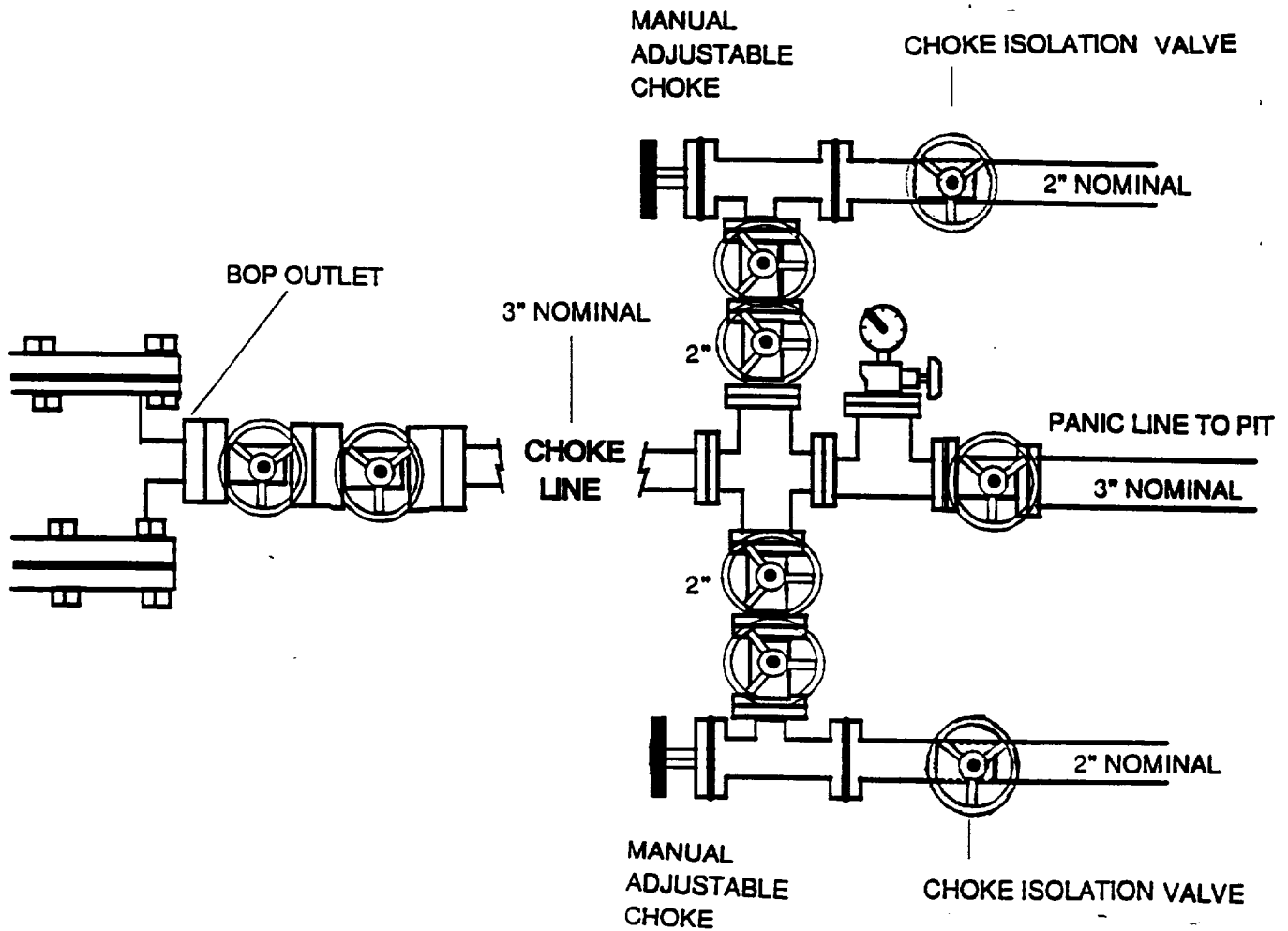
- A. Bell Nipple
- B. 11" Annular Preventer, 3M psi
- C. 11" BOP Pipe Rams, 3M psi
- D. 11" BOP Blind Rams, 3M psi
- E. 11" 3M psi Drilling Spool
- F. Manual Gate Valve 2-1/16"
- G. Check Valve 2-1/16"
- H. Manual Gate Valve 3-1/16"
- I. HCR Valve 3-1/16"
- J. 11" 3M psi Spacer Spool
- K. 10-3/4" Screw on X 11" 3M psi adaptor flange
- L. Casing Head 8-5/8" SOW X 2M psi Larkin-Type
- M. 2" Screw In Bull Plug
- N. Manual Ball Valve 2-1/16" 2M

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APR 01 1994

OOD HOUSES OFFICE

EXHIBIT 2
3M psi Choke Manifold
ARCO Oil and Gas Company
South Justis Unit Wells



ELF

7/27/93

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APR 8 1993
0-60 HOURS-4717