

ATS-10-8

OCD-HOBBS
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Split Estate

Form 3160-3
(April 2004)

APR 14 2010

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBSOCD

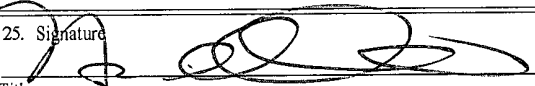
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No NM-89891
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input 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
2. Name of Operator Devon Energy Production Company, LP		7. If Unit or CA Agreement, Name and No.
3a. Address 20 North Broadway Oklahoma City, Oklahoma City 73102-8260		8. Lease Name and Well No. <302213> Cockburn Federal 3
3b. Phone No. (include area code) 405-552-8198		9. API Well No 30-025-39736
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 1980' FSL & 1980' FWL Unit K 1885' / S 4 2094' / W At proposed prod zone 1980' FSL & 1980' FWL Unit K SAME		10. Field and Pool, or Exploratory Mescalero Escarpe, Bone Springs ✓
14. Distance in miles and direction from nearest town or post office* Approximately 9 miles southeast of Maljamar, NM		11. Sec., T. R. M. or Blk. and Survey or Area Sec 10, T18S R33E
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 200 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 890'	19. Proposed Depth 10,200'	20. BLM/BIA Bond No. on file CO-1104
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3982' GL	22. Approximate date work will start* 01/01/2010	23. Estimated duration 45 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 officer. |

25. Signature 	Name (Printed/Typed) Norvella Adams	Date 09/28/2009
Title Sr. Staff Eng. Tech		

Approved by (Signature) /s/ Don Peterson	Name (Printed/Typed) /s/ Don Peterson	Date APR 07 2010
Title FOR FIELD MANAGER	Office CARLSBAD 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.

APPROVAL FOR TWO YEARS

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 page 2)

KZ

Capitan Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations Attached

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____

2. Name of Operator
Devon Energy Production Company, LP

3. Address and Telephone No
20 North Broadway, Oklahoma City, OK 73102 405-552-8198

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
1980' FSL 1980' FWL, Unit K
Sec 10 T18S R33E

5. Lease Serial No.
NM-89891
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Well Name and No.
Cockburn Federal 3
9. API Well No.
30-025-39736
10. Field and Pool, or Exploratory
Mescalero Escarpe; Bone Springs
12. County or Parish 13. State
Lea NM

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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company LP, respectfully requests approval of the following surface location move. The location move is per the BLM's request to avoid some drainage and sand dunes.


Old Location: 1980' FSL 1980' FWL, Unit K Sec 10 T18S R33E

New Location: 1885' FSL 2094' FWL, Unit K Sec 10 T18S R33E

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APR 14 2010
HOBBSD

ENG Review OK DWinkler 11/10/09

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

Signed 

Name Norvella Adams
Title Sr. Staff Engineering Technician

Date 11/4/2009

(This space for Federal or State Office use)

Approved by /s/ Don Peterson

FOR
Title FIELD MANAGER

Date APR 07 2010

Conditions of approval, if any.

The BLM's jurisdiction over the land makes it a crime for any person knowingly and willfully to make any statement or representation to any matter within its jurisdiction.

*See Instruction on Reverse Side

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APR 14 2010

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

HOBBSOCD

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

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

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39736	Pool Code 45793	Pool Name Mescalero Escarpe; Bone Springs
Property Code 302213	Property Name COCKBURN FEDERAL	Well Number 3
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3981'

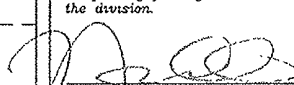

Surface Location

UL or lot No. K	Section 10	Township 18 S	Range 33 E	Lot Idn	Feet from the 1885	North/South line SOUTH	Feet from the 2094	East/West line WEST	County LEA
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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 40					Joint or Infill					Consolidation Code	Order No.

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>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> 11/4/09 Signature Date</p> <p>Printed Name</p>
	<p>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>OCTOBER 20, 2009 Date Surveyed</p> <p> Signature & Seal Professional Surveyor</p> <p>No. 2126 Certificate No. 649 Jones 7977</p>
	<p>BASIN SURVEYS</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

007-110083

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APL) for such proposals

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____

2. Name of Operator
Devon Energy Production Company, LP

3. Address and Telephone No.
20 North Broadway, Oklahoma City, OK 73102 405-552-8198

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
1885' FSL 2094' FWL, Unit K
Sec 10 T18S R33E

5. Lease Serial No.

NM-89891

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.

Cockburn Federal 3

9. API Well No.

30-025-39736

10. Field and Pool, or Exploratory

Mescalero Escarpe; Bone Springs

12. County or Parish 13. State

Lea

NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company LP, respectfully requests approval of the following rig change.

Rig change to Patterson # 80 (see attached rig layout)

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APR 14 2010

HOBBSOCD

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

Signed 

Name **Norvella Adams**
Title **Sr. Staff Engineering Technician**

Date **12/14/2009**

(This space for Federal or State Office use)

FOR

Approved by **/s/ Don Peterson**
Conditions of approval, if any.

Title **FIELD MANAGER**

Date **APR 07 2010**

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

***See Instruction on Reverse Side**

DRILLING PROGRAM

Devon Energy Production Company, LP

Cockburn Federal 3

Surface Location: 1980' FSL & 1980' FWL, Unit K, Sec 10 T18S R33E, Lea, NM

Bottom Hole Location: 1980' FSL & 1980' FWL, Unit K, Sec 10 T18S R33E, Lea, NM

1. **Geologic Name of Surface Formation**

a. Quaternary Alluvium

2. **Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:**

a. Quaternary	20'	Fresh Water
b. Rustler	1545'	Fresh Water
c. Salado Salt	1796'	
d. Tansil Dol.	2896'	Oil
e. Yates Ss	2991'	Oil
f. Seven Rivers	3487'	Oil
g. Queen Ss	4234'	Oil
h. Grayburg	4295'	Oil
i. Cherry Canyon	4974'	Oil
j. Brushy Canyon	5912'	Oil
k. 1 st Bone Spring Lm	6761'	Oil
l. 1 st Bone Spring Ss	8234'	Oil
m. 2 nd Bone Spring Lm	8553'	Oil
n. 2 nd Bone Spring Ss	8934'	Oil
o. 3 rd Bone Spring Lm	9701'	Oil
p. 3 rd Bone Spring Ss	9993'	Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 8 5/8" casing at 3200' and circulating cement back to surface. The Bone Spring intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement 2800'.

3.

Casing Program:

See COA

<u>Hole</u> <u>Size</u>	<u>Hole</u> <u>Interval</u>	<u>OD</u> <u>Csg</u>	<u>Casing</u> <u>Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
14 3/4"	0' - 450'	11 3/4"	0' - 450'	42#	ST&C	H-40
11"	450' - 3200'	8 5/8"	450' - 3200'	32#	LT&C	J-55
7 7/8"	3200' - 10,200'	5 1/2"	3200' - 10,200'	17#	LT&C	N-80
	2800' 2870'		2870'			

Design Parameter Factors:

<u>Casing Size</u>	<u>Collapse Design</u>	<u>Burst Design</u>	<u>Tension Design</u>
	<u>Factor</u>	<u>Factor</u>	<u>Factor</u>
11 3/4"	5.35	9.9	15.35
8 5/8"	1.63	2.54	4.07
5 1/2"	1.30	1.61	2.00

4. Cement Program: (Note yields; and dv tool depths if multiple stages) See COA

- a. 11 3/4" Surface Lead with 110 sx (35:65) Poz Class C + 5% NaCl + 1/4 lbs/sx Celloflake, and 4% Bentonite + 1% Sodium Metasilicate + 5% MPA-5; 12.8 ppg, 1.97 cf/sx, 10.56 gps. Tail with 150 sx Class C + 2% CaCl₂ + 1/4 lbs/sx Celloflake; 14.8 ppg, 1.35 cf/sx, 6.35 gps. TOC = 0.
- b. 8 5/8" Intermediate Lead with 725 sx (35:65) Poz Class C + 2% CaCl₂ + 1/4 lbs/sx Cello Flake + 6% Bentonite + 5% NaCl; 12.5 ppg, 2.04 cf/sx, 11.24 gps. Tail with 300 sx Class C + 1/4 lbs/sx Cello Flake; 14.8 ppg, 1.35 cf/sx, 6.35 gps. TOC = 0.
- c. 5 1/2" Production Stage 1: 475 sx (15:61:11) Class C + 1% KCl + 0.75% EC-1 + 0.4% CD-32 + 3 #/sx LCM-1 + 0.6% FL-25 + 0.6% FL-52A; 13.30 ppg, 1.56 cf/sx, 7.55 gps.. Stage 2: Lead with 695 sx (35:65) Poz Class C + 1/4 #/sx Cello Flake + 6% Bentonite; 12.50 ppg, 1.94 cf/sx, 10.65 pgs. Tail with 150 sx (60:40) Poz Class C + 2% NaCl + 0.1% Sodium Metasilicate + 4% MPA-5; 13.8 ppg, 1.35 cf/sx, 6.29 gps. TOC = ~~2,800'~~ 2,470'. DV tool set at 6,950'.

The above cement volumes could be revised pending the caliper measurement from the open hole logs. All casing is new and API approved.

5. Pressure Control Equipment:

The blowout prevention system will consist of a bag type (hydril) preventer, a double ram preventer stack, and a rotating head. Both the hydril and ram stack will be hydraulically operated. Both BOP systems will be rated at 5000 psi. Prior to drilling out the the 11 3/4" surface shoe the ram stack will be nipped up with 4.5" pipe rams installed. ~~The hydril will be tested to 1000 psi (high) and 250 psi (low).~~ Tests on the 5000 psi BOP will be conducted per the BLM Drilling Operations Order #2.

See COA

The ram system will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and hydril, other BOP accessories include a kelly cock, floor safety valve, choke lines and choke manifold rated at 5000 psi WP.

6. **Proposed Mud Circulation System**

<u>Depth</u>	<u>Mud Wt.</u>	<u>Visc</u>	<u>Fluid Loss</u>	<u>Type System</u>
0' - 450' <i>1600'</i>	8.4 - 9.0	32-34	NC	Fresh Water
<i>1600'</i> 450' - 3200' <i>2870'</i>	8.8 - 9.2	28-30	NC	Fresh Water / Brine
<i>2870'</i> 3200' - 10,200'	8.6 - 9.0	28	NC	Fresh Water / Brine

The necessary mud products for weight addition and fluid loss control will be on location at all times.

7. **Auxiliary Well Control and Monitoring Equipment:**

- A Kelly cock will be in the drill string at all times.
- A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
- Hydrogen Sulfide detection equipment will be in operation after drilling out the 8 5/8" casing shoe until the 5 1/2" casing is cemented. Breathing equipment will be on location upon drilling the 8 5/8" shoe until total depth is reached.

8. **Logging, Coring, and Testing Program:** *See COA*

- Drill stem tests will be based on geological sample shows.
- If a drill stem test is anticipated; a procedure, equipment to be used and safety measures will be provided via sundry notice to the BLM.
- The open hole electrical logging program will be:
 - Total Depth to Intermediate Casing Dual Laterolog-Micro Laterolog with SP and Gamma Ray. Compensated Neutron - Z Density log with Gamma Ray and Caliper.
 - Total Depth to Surface Compensated Neutron with Gamma Ray
 - No coring program is planned
 - Additional testing will be initiated subsequent to setting the 5 1/2" production casing. Specific intervals will be targeted based on log evaluation, geological sample shows and drill stem tests.

9. **Potential Hazards:**

- No abnormal pressures or temperatures are expected. A H2S contingency plan will be provided. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 4600 psi and Estimated BHT 130°.

10. **Anticipated Starting Date and Duration of Operations:**

- Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 30 days. If production casing is run then an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.

150'

Haul off access

RIG 80

Closed Loop System

30'

30'

90'

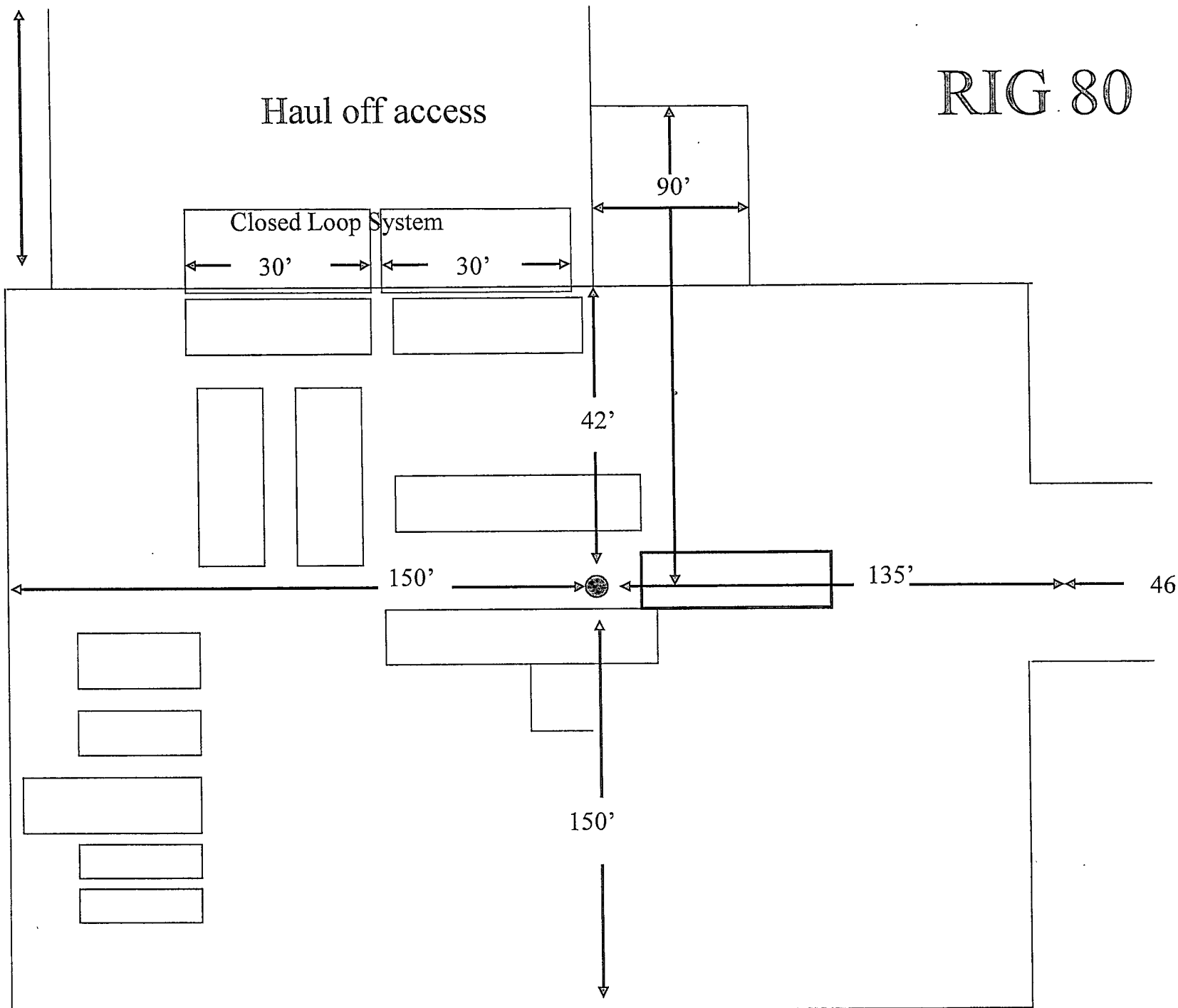
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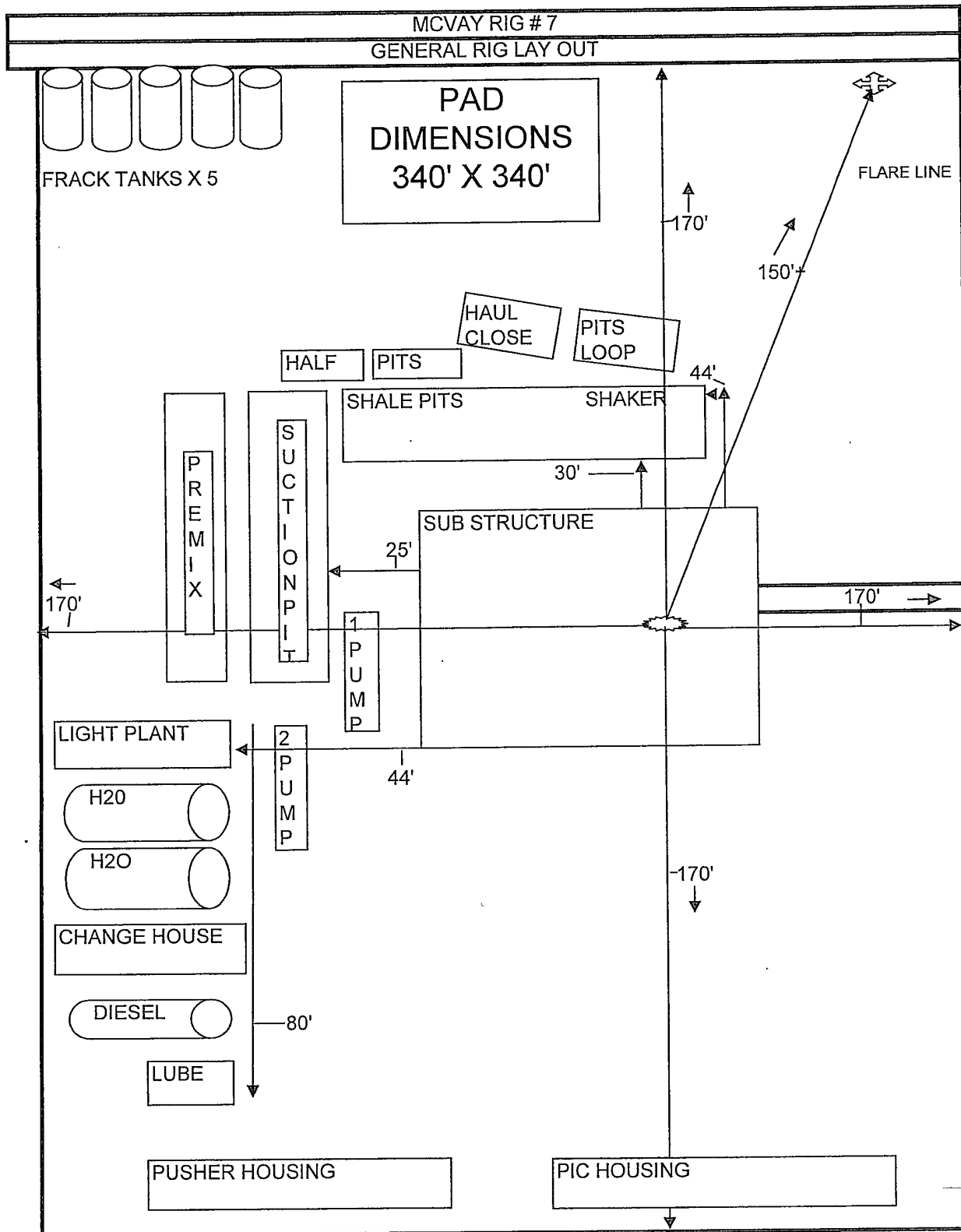
150'

135'

46'

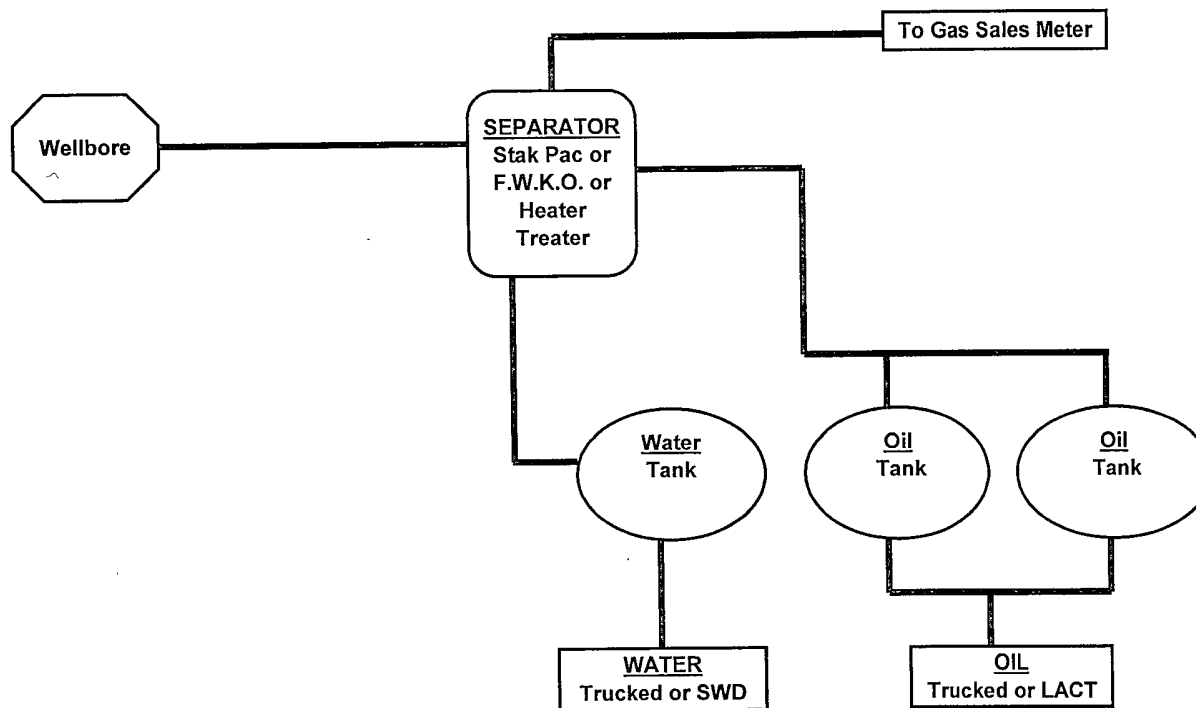
150'



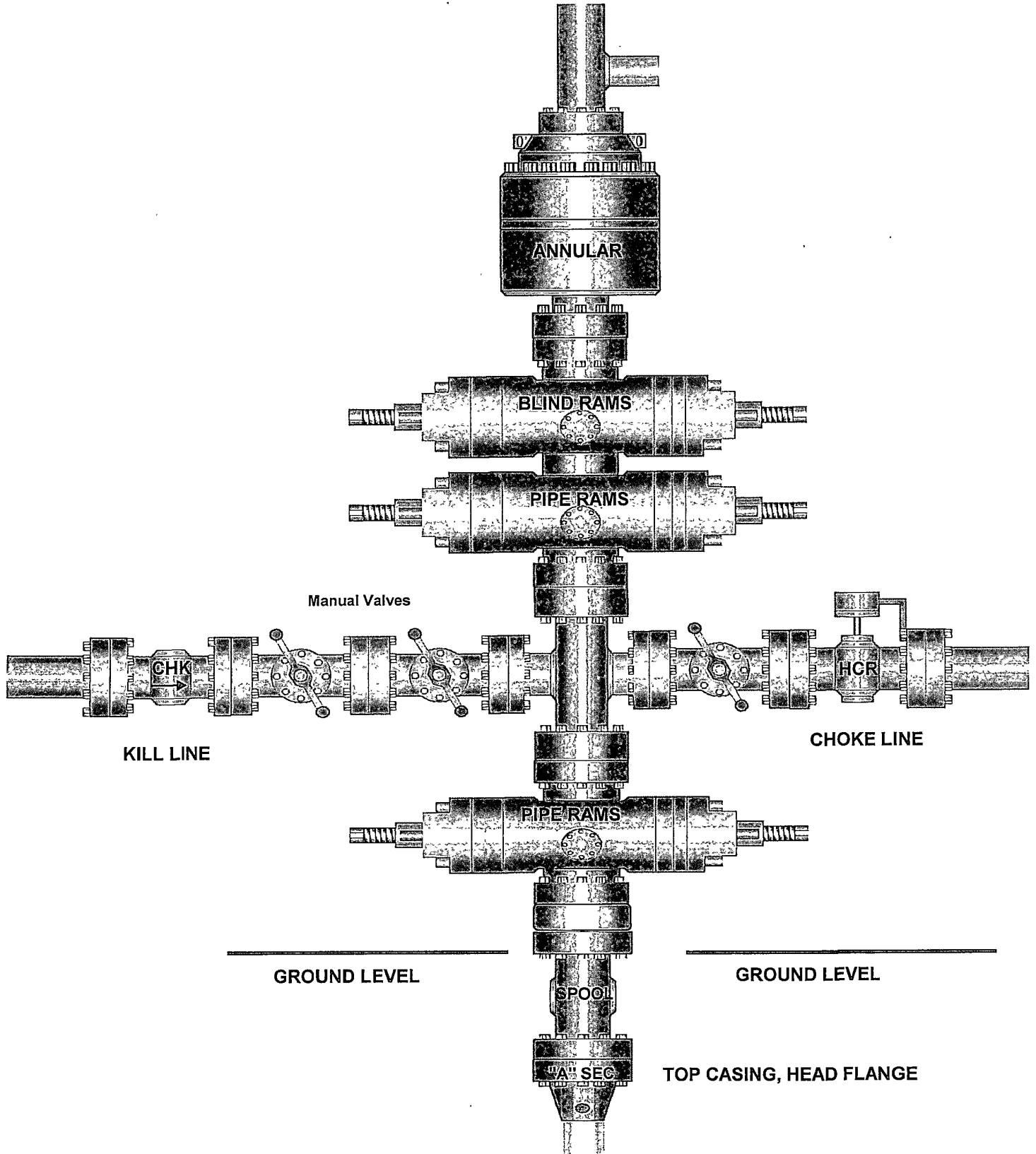


DEVON ENERGY PRODUCTION COMPANY LP

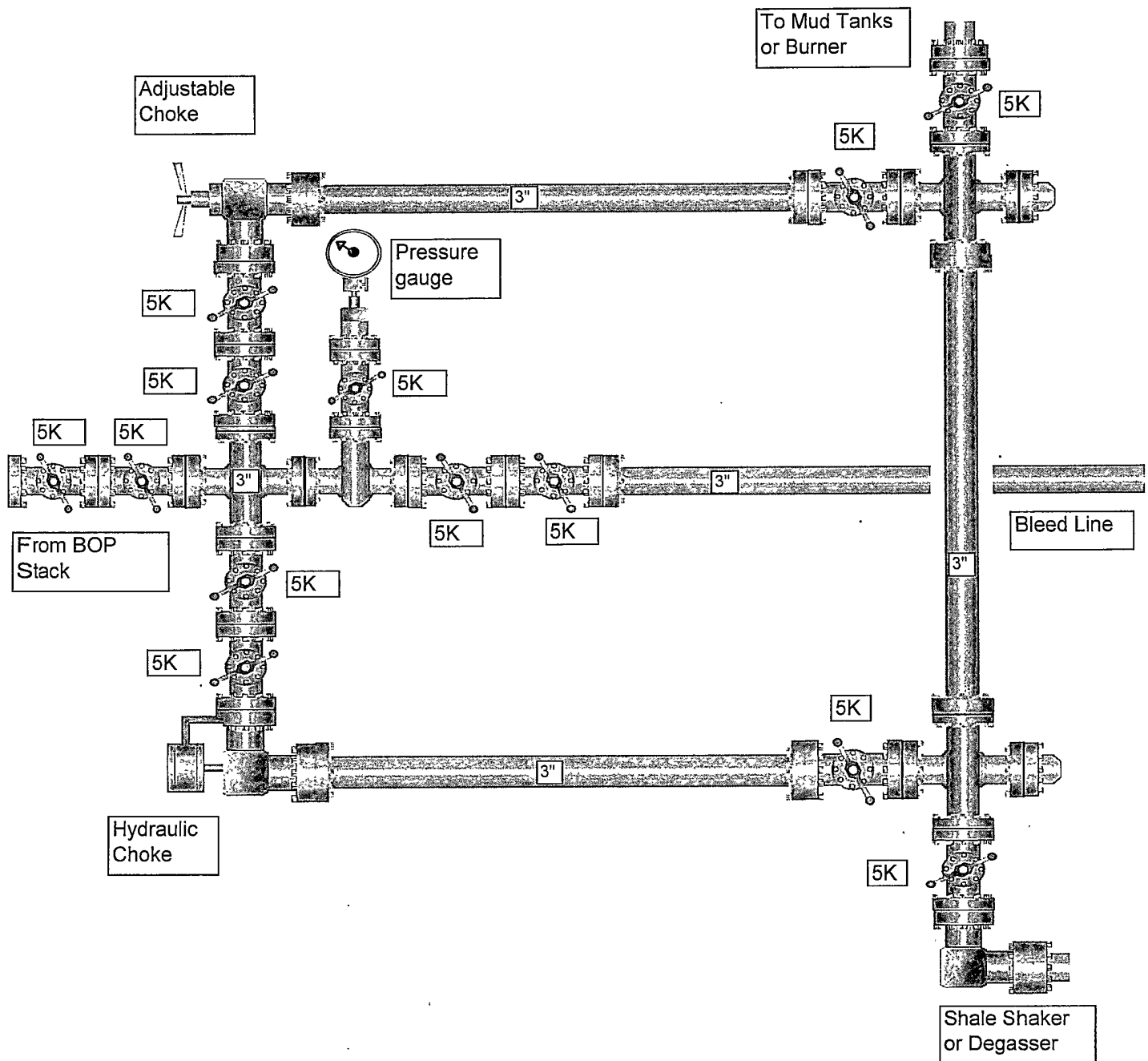
General Production Facilities Diagram

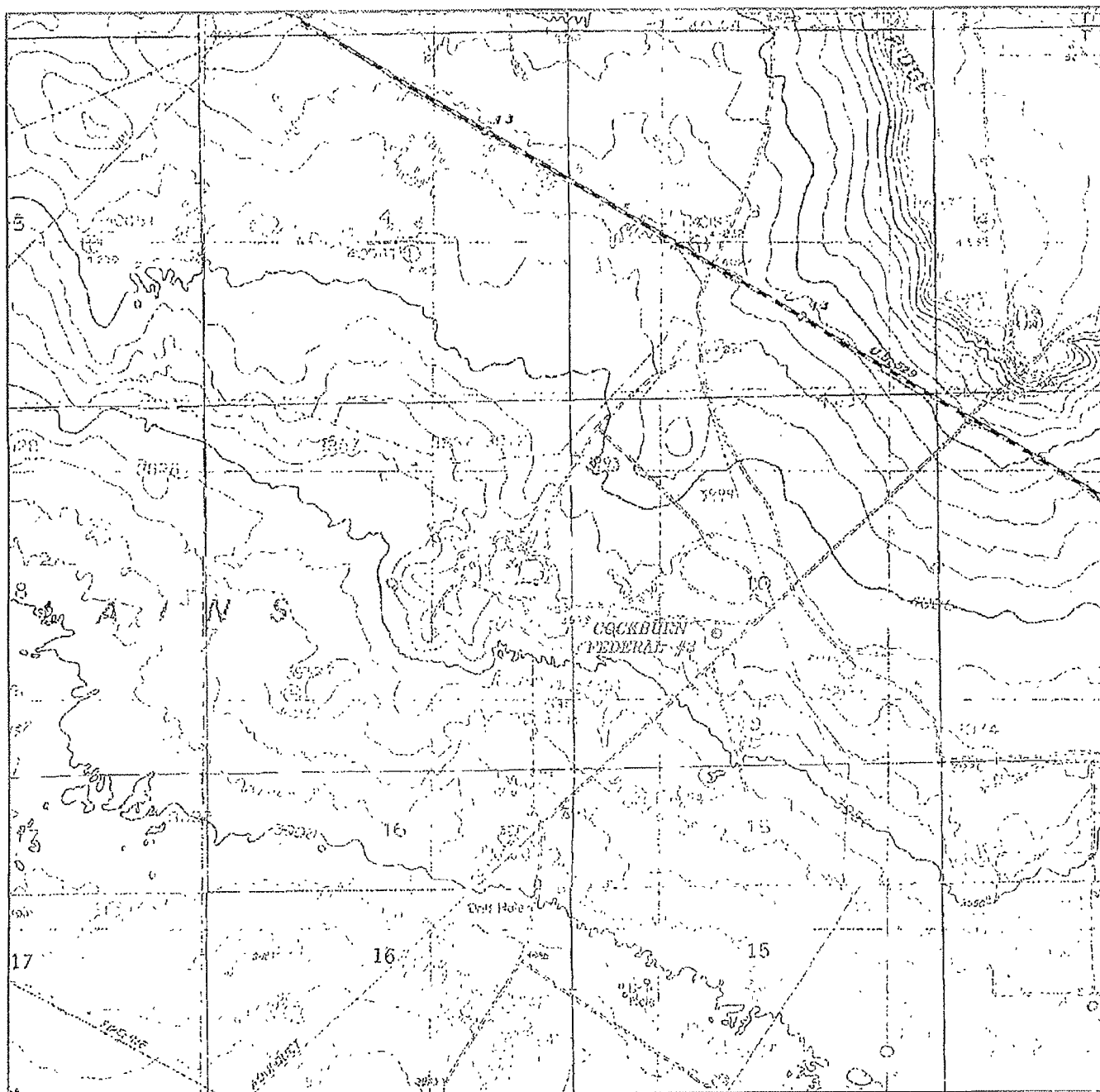


13-5/8" x 5,000 psi BOP Stack



5,000 PSI CHOKE MANIFOLD





COCKBURN FEDERAL #3
 Located 1885' FSL and 2094' FWL
 Section 10, Township 18 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basin-surveys.com

W.O. Number: JMS 21863

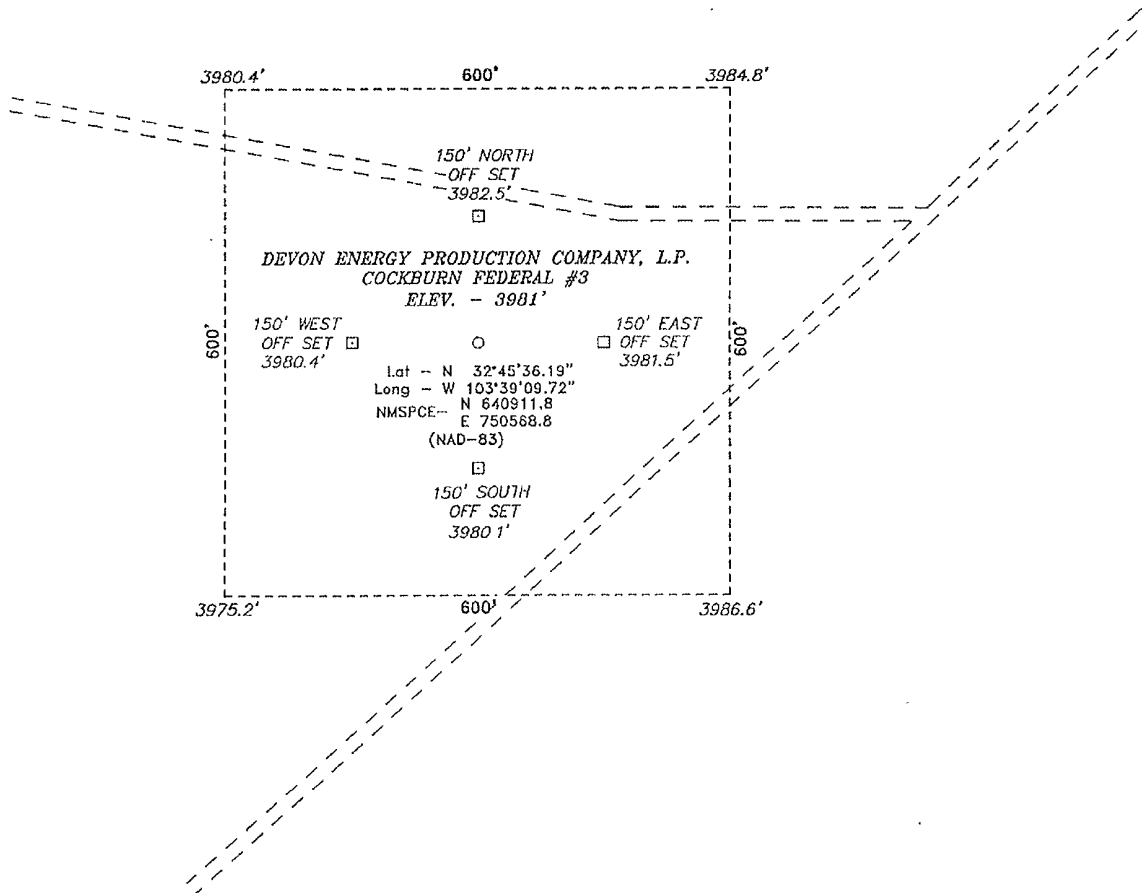
Survey Date: 10-20-2009

Scale: 1" = 2000'

Date: 10-21-2009

DEVON ENERGY
 PRODUCTION
 COMPANY, L.P.

SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Directions to Location:

FROM THE MILE MARKER 14 OF HWY 529; GO
NORTHWEST 0.3 MILES TO LEASE ROAD, ON LEASE
ROAD GO SOUTHWESTERLY FOR 0.8 MILES TO
PROPOSED LOCATION.

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

W.O. Number: 21863

Drawn By: J. SMALL

Date: 10-21-2009

Disk: JMS 21863

DEVON ENERGY PRODUCTION COMPANY, L.P.

REF: COCKBURN FEDERAL #3 / WELL PAD TOPO

THE COCKBURN FEDERAL #3 LOCATED 1885'

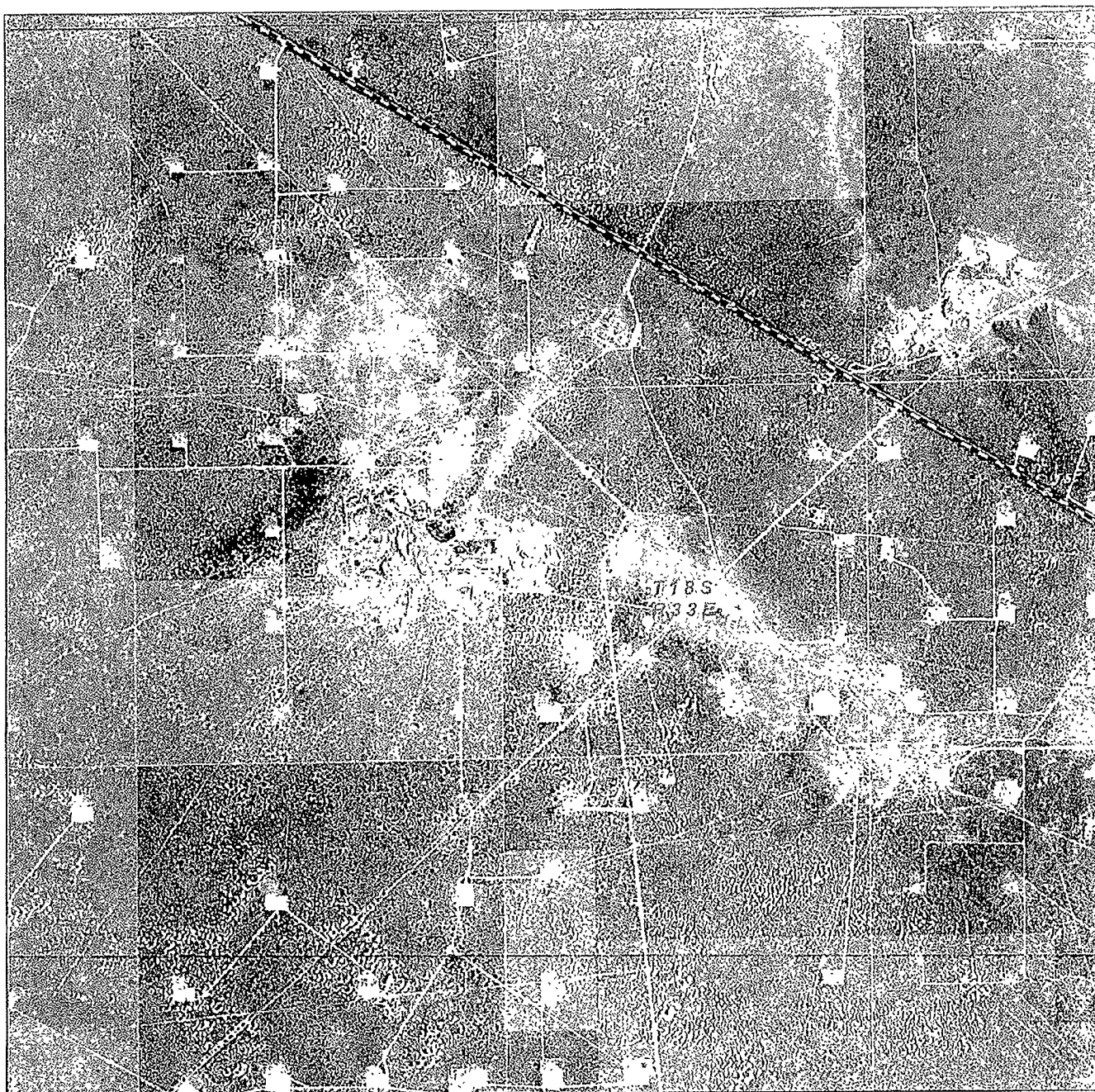
FROM THE SOUTH LINE AND 2094' FROM THE WEST LINE OF

SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST,

N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 10-21-2009

Sheet 1 of 1 Sheets



COCKBURN FEDERAL #3
Located 1885' FSL and 2094' FWL
Section 10, Township 18 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.



focused on excellence
in the oilfield

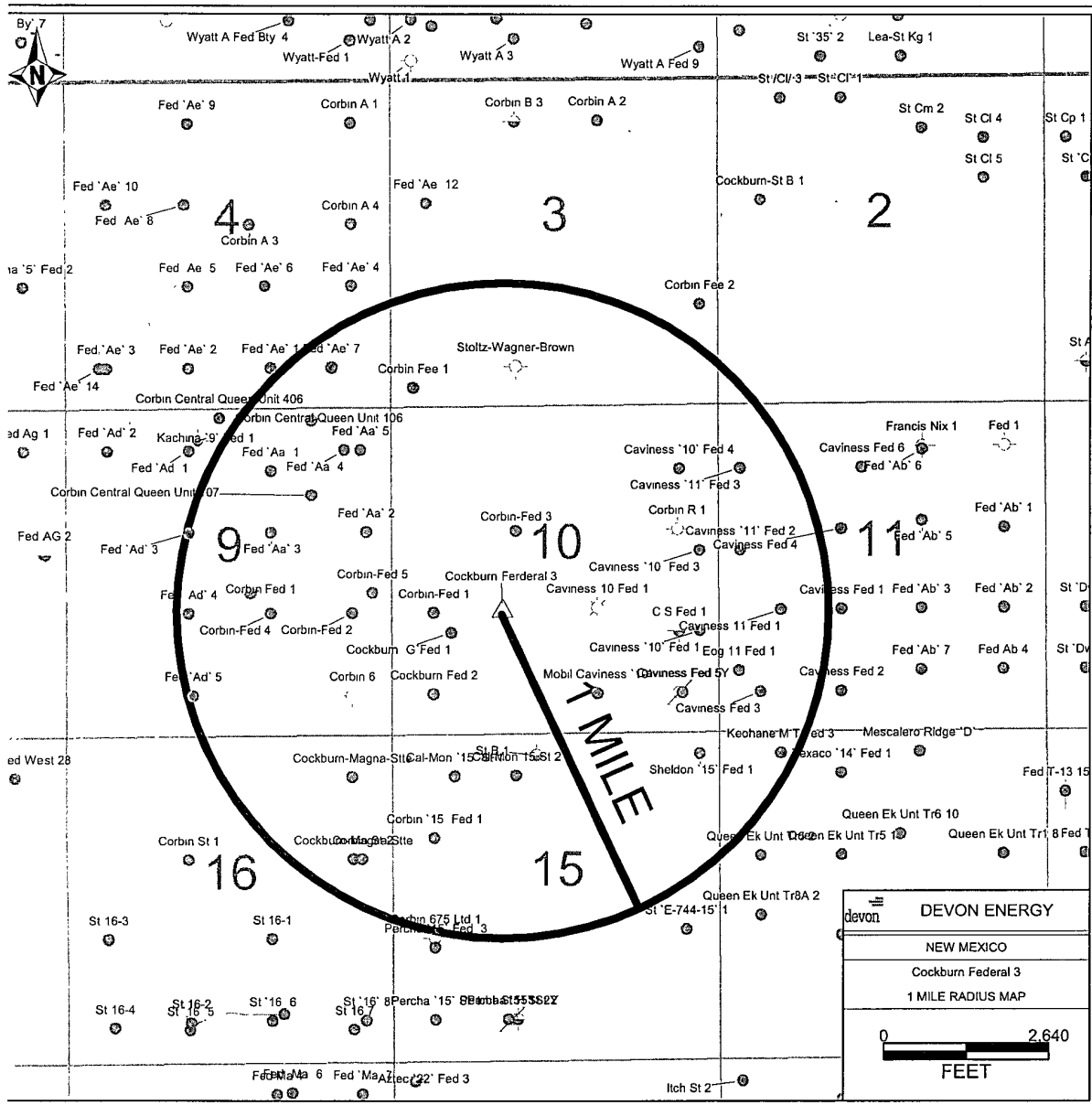
P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: JMS 21863

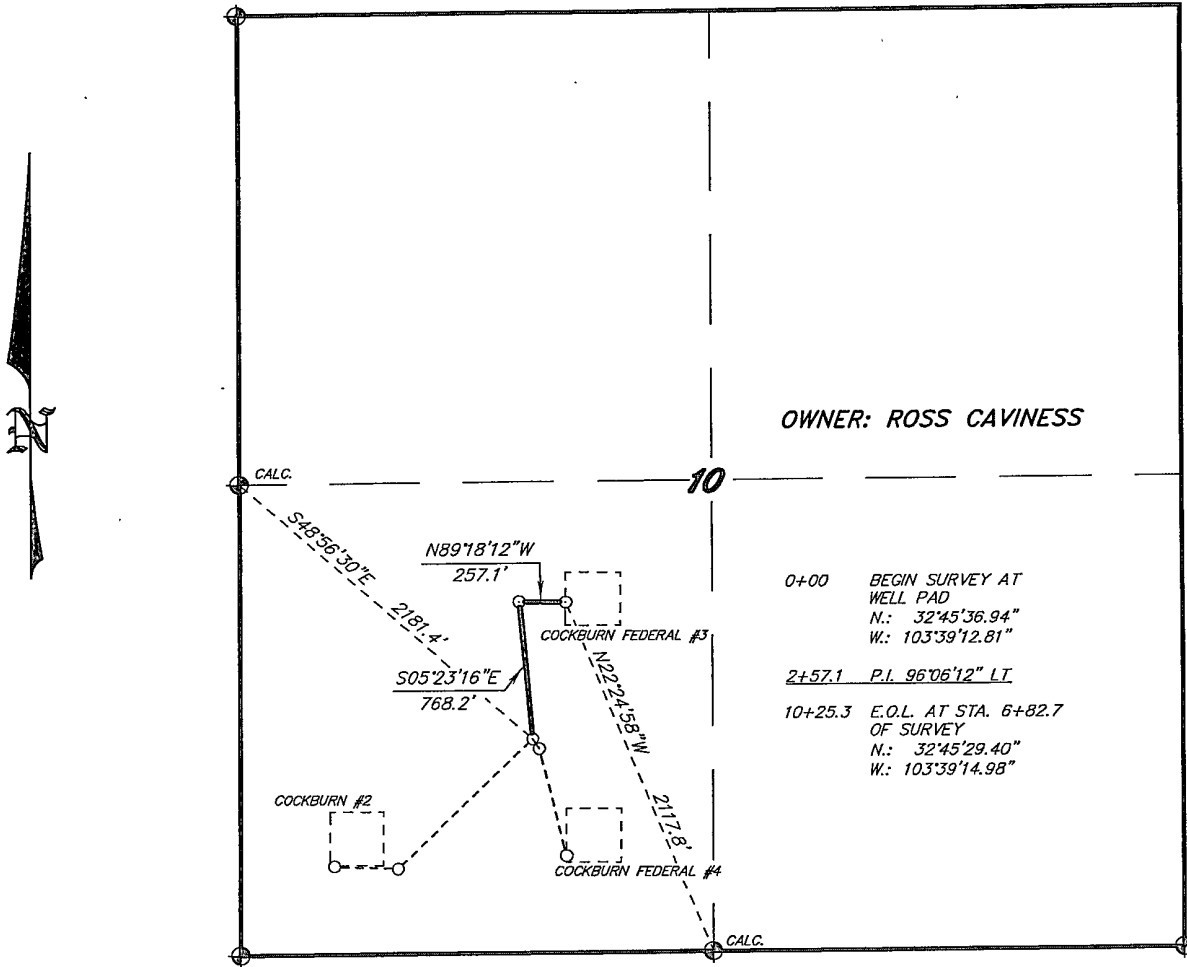
Scale: 1" = 2000'

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

DEVON ENERGY
PRODUCTION
COMPANY, L.P.



SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

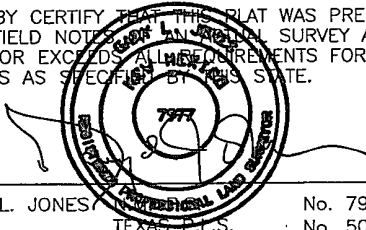


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.22°24'58"W., 2117.8 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 10; THENCE N.89°18'12"W., 257.1 FEET; THENCE S.05°23'16"E., 768.2 FEET TO THE END OF THIS LINE WHICH LIES S.48°56'30"E., 2181.4 FEET FROM THE WEST QUARTER CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 1025.3 FEET OR 62.14 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES AND A FIELD SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES No. 7977
TEXAS P.L.S. No. 5074

1000 0 1000 2000 FEET

DEVON ENERGY PROD. CO., L.P.

REF: PROPOSED PIPELINE TO THE COCKBURN FEDERAL #4

A PIPELINE LINE CROSSING FEE LAND IN
SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

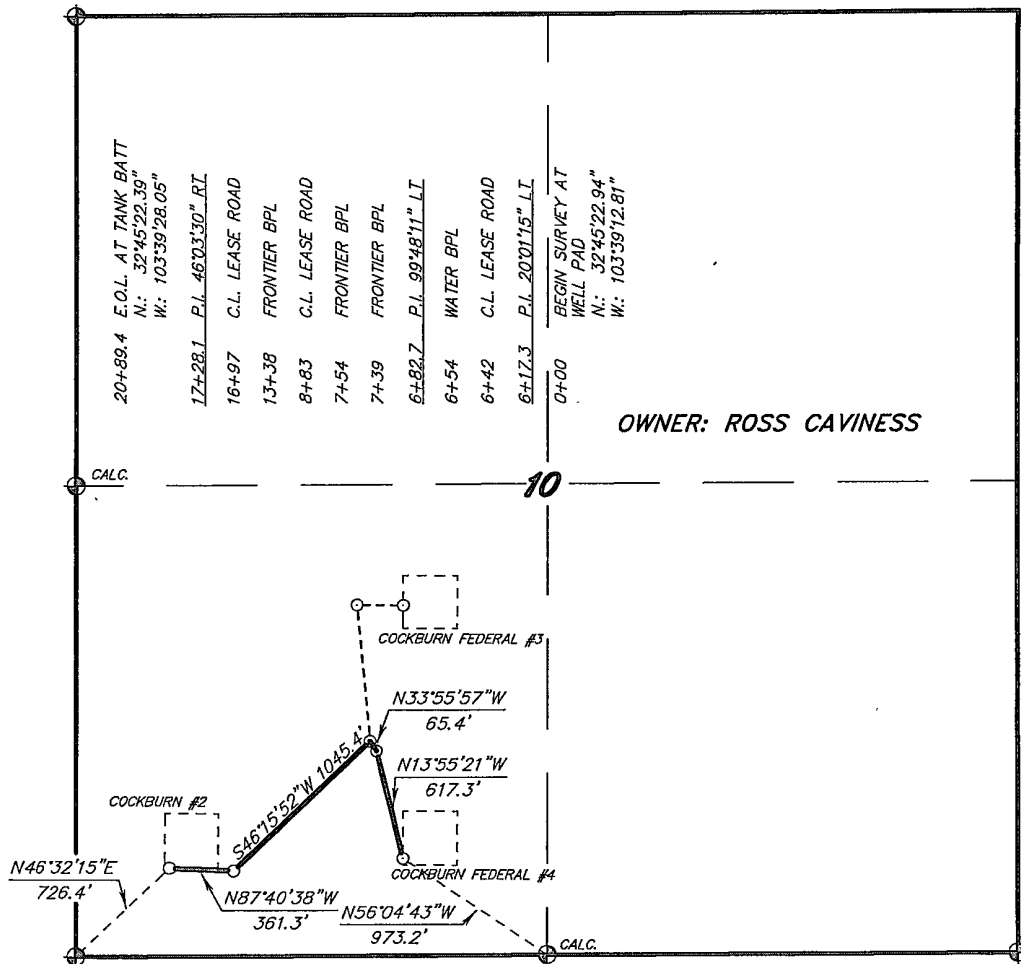
BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 19253 Drawn By: J. M. SMALL

Date: 03-10-2008 Disk: JMS 19253P

Survey Date: 02-29-2008 Sheet 1 of 2 Sheets

SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

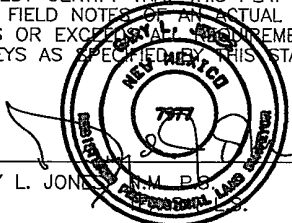


LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.56°04'43"W., 973.2 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 10; THENCE N.13°55'21"W., 617.3 FEET; THENCE N.33°55'57"W., 65.4 FEET; THENCE S.46°15'52"W., 1045.4 FEET; THENCE N.87°40'38"W., 361.3 FEET TO THE END OF THIS LINE WHICH LIES N.46°32'15"E., 726.4 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 2089.4 FEET OR 126.63 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES, N.M.P.S.

No. 7977
No. 5074

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

W.O. Number: 19253

Drawn By: J. M. SMALL

Date: 03-10-2008

Disk: JMS 19253P

1000 0 1000 2000 FEET



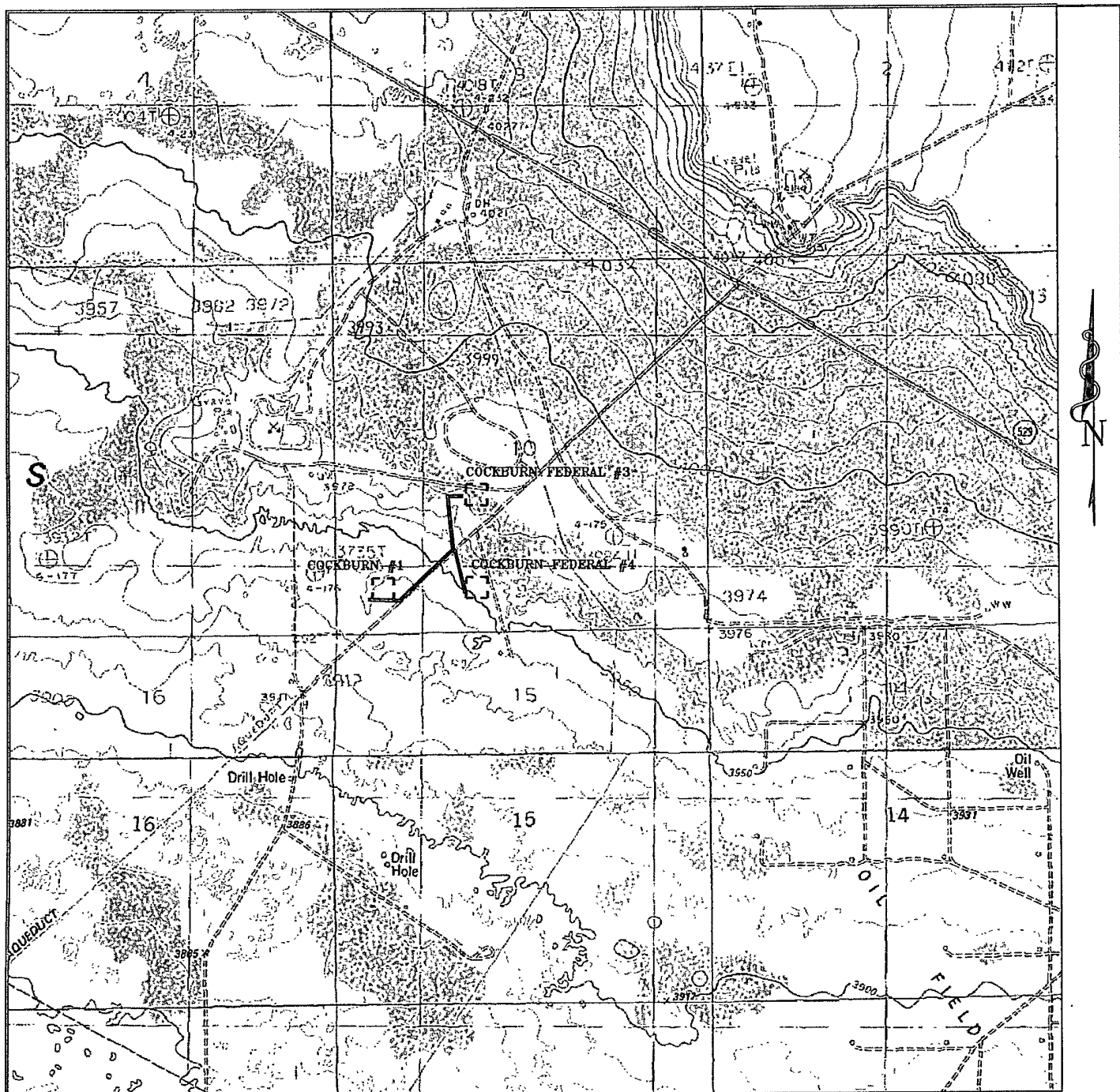
DEVON ENERGY PROD. CO., L.P.

REF: PROPOSED PIPELINE TO THE COCKBURN FEDERAL #3

A PIPELINE LINE CROSSING FEE LAND IN
SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 02-29-2008

Sheet 2 of 2 Sheets



PROPOSED PIPELINE TO THE COCKBURN FEDERAL WELLS
Section 10, Township 18 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

**basin
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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: JMS 19253TT

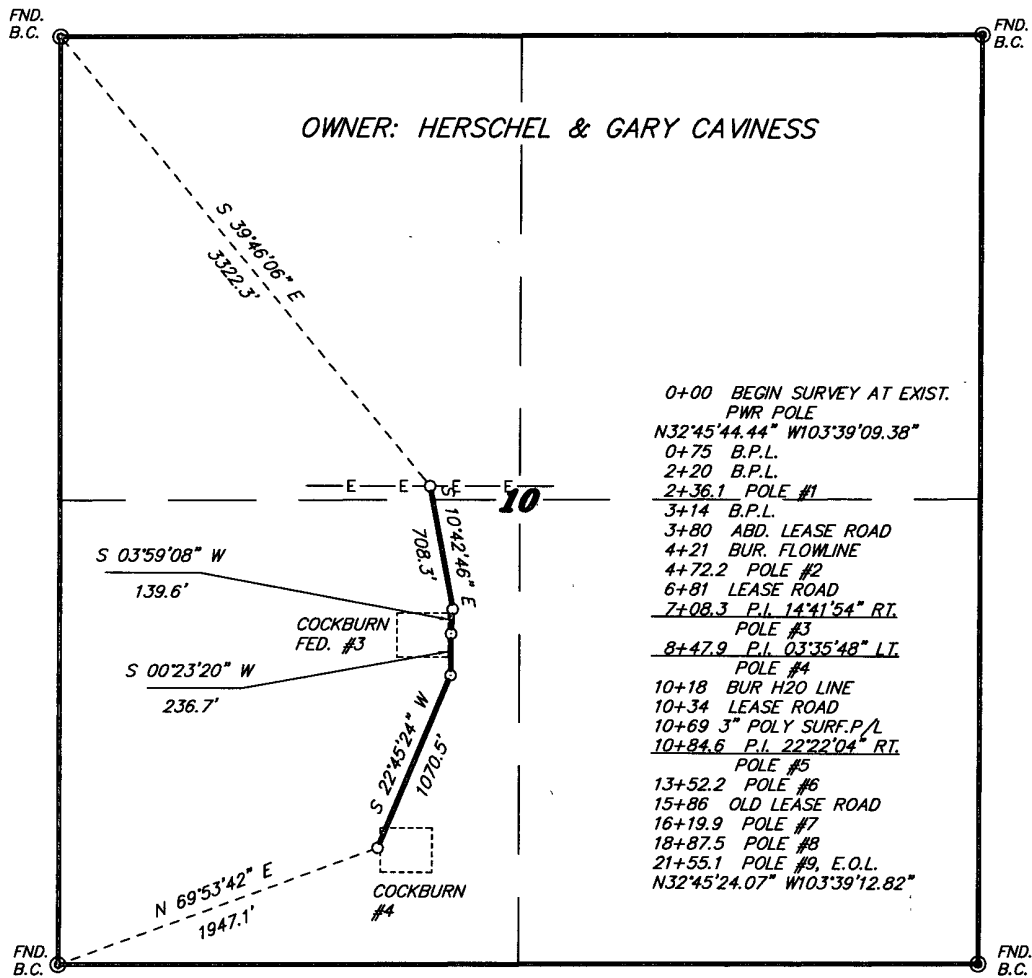
Survey Date: 02-29-2008

Scale: 1" = 2000'

Date: 03-07-2008

DEVON ENERGY
PROD. CO., L.P.

SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 10, TOWNSHIP 18 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES S.39°46'06"E., 3322.3 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 10; THENCE S.10°42'46"E., 708.3 FEET; THENCE S.03°59'08"W., 139.6 FEET; THENCE S.00°23'20"W., 236.7 FEET; THENCE S.22°45'24"W., 1070.5 FEET TO THE END OF THIS LINE WHICH LIES N.69°53'42"E., 1947.1 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 10. SAID STRIP OF LAND BEING 2155.1 FEET OR 130.61 RODS IN LENGTH.

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES
TEXAS P.L.S. No. 7977
No. 5074

1000 0 1000 2000 FEET

DEVON ENERGY PRODUCTION CO., L.P.

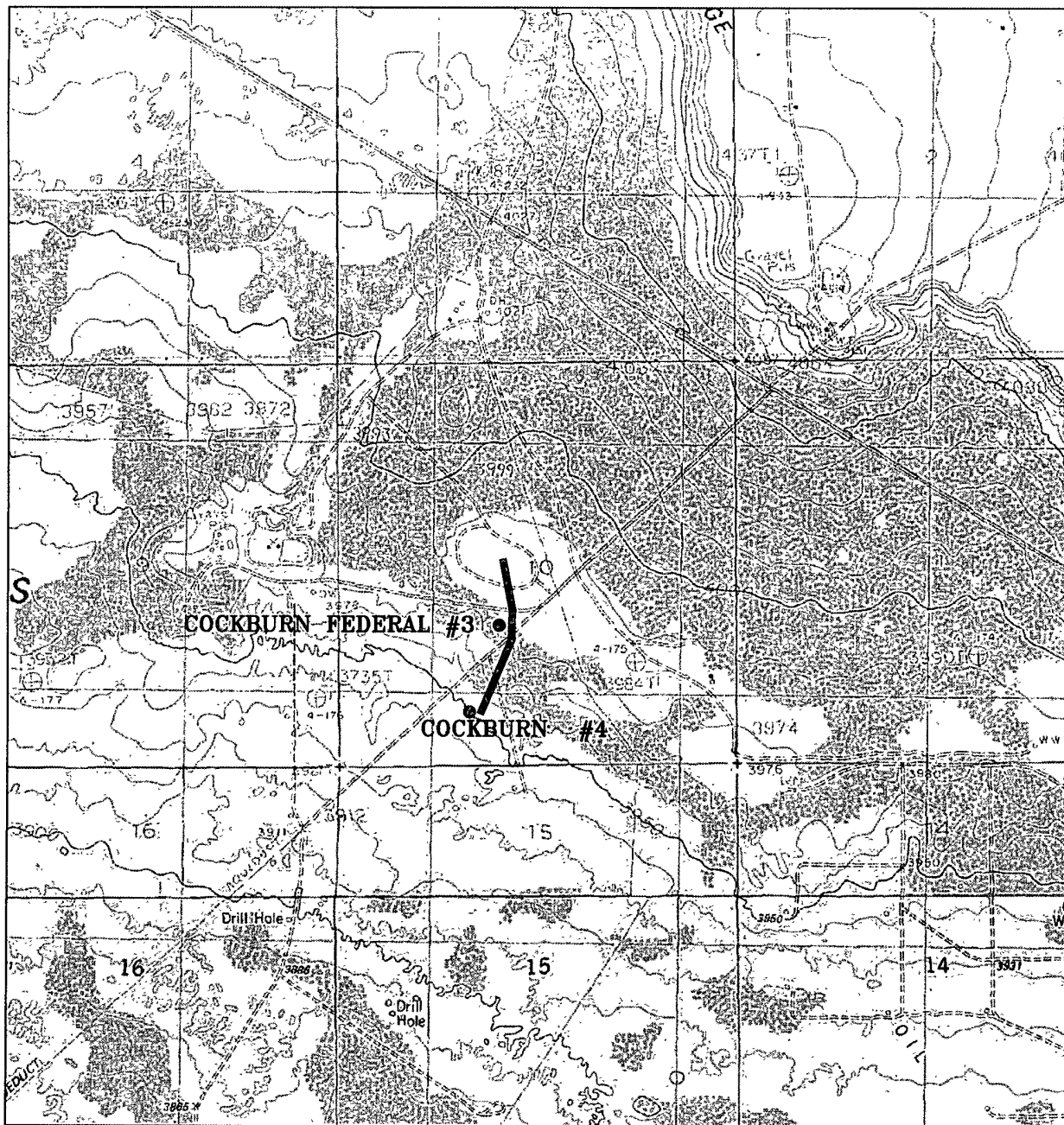
REF: PROPOSED ELECTRIC LINE TO THE COCKBURN FED. #3

AN ELECTRIC LINE CROSSING FEE LAND IN
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: 218766 Drawn By: James Presley

Date: 10/22/09 Disk: JLP #1 - DEV21876 Survey Date: 10/21/09 Sheet 1 of 1 Sheets



PROPOSED ELECTRIC LINE TO THE COCKBURN FEDERAL #3
 Section 10, Township 18 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
basinsurveys.com

W.O. Number: 21876 - JLP #1

Survey Date: 10/21/09

Scale: 1" = 2000'

Date: 10/22/09

**DEVON
 ENERGY
 PRODUCTION LP**