Doz

# New Mexico Oil Conservation Division, District I 1625 N. French Drive Hobbs, NM 88249

1-04-15

FORM APPROVED Form 3160-3 OMB No. 1004-0136 Expires January 31, 2004 (September 2001) UNITED STATES 5. Lease Serial No DEPARTMENT OF THE INTERIOR NM - 17807BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. la. Type of Work: XX DRILL REENTER 8. Lease Name and Well No 1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Southpaw Federa 2. Name of Operator 9. API Well No. 30-02 Pecos Production Company 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 3a. Address TX, 79701 De (432) 620-8480 Shugart 400 W. Illinois, Ste 1070, Midland 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.\*) 430' FSL & 690' FWL At surface 430' FSL & 690' FWL At proposed prod. zone Sec 30-18S-32E 13. State 12. County or Parish 14. Distance in miles and direction from nearest town or post office\* 10 Miles South of Maljamar Lea Co. 17. Spacing Unit dedicated to this well 15. Distance from proposed\* 16. No. of Acres in lease location to neares property or lease line, ft. (Also to nearest drig. unit line, if any) 430 19. Proposed Depth 20. BLM/BIA Bond No. on file Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 13141516 45001 NMB000020 NA 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start 23. Estimated duration 3674' GL Upon Approval 24. Attachments Capitan Controlled W The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 4. Bond to cover the operations unless covered by an 1. Well plat certified by a registered surveyor. Item 20 above). 2. A Drilling Plan. Operator certification. 3. A Surface Use Plan (if the location is on National Forest System Lands, the may be required by Such other site specific information and/or plans SUPO shall be filed with the appropriate Forest Service Office). authorized officer. 25. Signature Name (Printed/Typed) Date William R. Huck 12-05-03 Title VP - Engr. & Operations Approved by (Signature) Date Name (Printed/Typed) /S/ JOE G. LARA JAN 22 2004 /S/ JOF G LARA Title Office FIELD MANAGER CARLSBAD FIELD OFFICE Application approval does not warrant or certify the 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

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)

OPER. OGRID NO. \_\_\_\_215758 PROPERTY NO. \_\_\_33346 POOL CODE \_\_\_56413 EFF. DATE \_\_\_1/27/04 API NO. \_\_\_30. D25-3654

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED



#### **DRILLING PROGRAM**

Attachment to Form 3160-3 Pecos Production Company Southpaw Federal 30 No. 1 430' FSL & 690' FWL Section 30, T18S, R32E Lea County, New Mexico

#### 1. Geologic Name of Surface Formation

Quaternary Alluvium

# 2. Estimated Tops of Important Geological Formations

Top of Salt Section	950'
Base of Salt Section	2300'
Yates	2550'
Queen	3600'
San Andres	4450'
Delaware	4700'

# 3. Estimated Depths of Anticipated Fresh Water, Oil or Gas

Water:

Approximately 200'

Oil:

3600', 4050', 4450'

No other formations are expected to yield oil, gas or fresh water in measurable volumes. Any surface fresh water sands will be protected by setting 8-5/8" casing at 650' and circulating cement back to surface. The Salt will be isolated with a 5-1/2" production casing string set through the San Andres @ approximately 4700' and cement circulated to surface.

#### 4. Casing Program

Hole Size	<u>Interval</u>	<u>Casing</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>
11"	650'	8-5/8"	24#	J-55	ST&C
7-7/8"	0' - 4700'	5-1/2"	15.5#	K-55	LT&C

Southpaw Federal 30 No. 1 Drilling Plan Page 2

#### Cementing Program\*

650' 8-5/8" Surface Casing:

Cement to surface:

Slurry:

350 sxs Class C containing 0.25 pps Cello-flake. 2%

CaCl.

4700' 5-1/2" Production Casing

Lead Slurry:

50:50:10 Poz C containing 10% bentonite, 0.1% FLAC,

0.25 pps Cello-flake – or equivalent.

Tail Slurry:

50:50:2 Poz C containing 2% bentonite, 5% (bwow) salt,

0.25 pps Cello-flake – or equivalent.

### 5. Minimum Specifications for Pressure Control

The blowout preventor equipment (BOP) shown in Exhibit #1 will consist of a (3M system) double ram type preventor. This unit will be hydraulically operated. The BOP will be installed on the 8-5/8" surface casing and utilized continuously until total depth is reached. Prior to drilling out of the 8-5/8" casing shoe, the BOP will be pressure tested.

Pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These function test will be documented on the daily driller's log. Other accessory BOP equipment will include a kelly cock, floor safety valve, choke lines and choke manifold having a 3000# WP rating.

#### 6. Types and Characteristics of Proposed Mud System

This well will be drilled to total depth with fresh water, and cut brine/starch mud systems. Depths are as follows:

<u>Depth</u>	Type	Weight (ppg)	Viscosity	Water Loss
0' - 650'	Spud Mud	8.3 - 9.2	28 - 36	No control
650' - 3500'	Brine	10.0 - 10.3	29	No control
3500' - 4700'	Brine/Starch	10.0	32	10cc

#### 7. Auxiliary Well Control and Monitoring Equipment

- A. A kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

<sup>\*</sup>Cement designs may change as hole conditions dictate.

Southpaw Federal 30 No. 1 Drilling Plan Page 3

#### 8. Logging, Testing and Coring Program

- A. Possible to drill stem test of San Andres.
- B. The open hole electrical logging program will be:
  - 1. DLL/MSFL/GR (TD-650')
    Note: GR will be pulled to Ground Level
  - 2. DEN/NEU/CAL (TD to 650')
    Note: Neutron log will be pulled to Ground Level
- C. No coring program is planned.
- D. No additional testing will be initiated subsequent to setting the 5-1/2" production casing.
- 9. Abnormal Pressures, Temperatures and Potential Hazards
  No abnormal pressures or temperatures are expected. The anticipated bottom hole
  temperature at total depth is 110 degrees and maximum bottom pressure is 2000 psia. Lost
  circulation within the surface and intermediate intervals is possible. Small quantities of
  hydrogen sulfide gas are associated with the Queen, Grayburg and San Andres formations in
  this area. However Radii of exposure is such that this operation is exempt from specific
  requirements. However a hydrogen sulfide plan is on file.
- 10. Anticipated Starting Date and Duration of Operations

Archeological Survey Consultants has been requested to perform and submit a cultural resources examination to the BLM office in Carlsbad, New Mexico.

Road and location preparation will not be undertaken until approval has been received from the BLM. The anticipated spud date for this well is as soon as permitted. The drilling operation should require approximately 10 days. If the well is deemed productive, completion operations will require, at minimum, an additional 10 days for completion and testing.

#### SURFACE USE AND OPERATING PLAN

Attachment to Form 3160-3 Pecos Production Company Southpaw Federal 30 No. 1 430' FSL & 690' FWL Section 30, T18S, R32E Lea County, New Mexico

#### 1. Existing Roads

- A. The well site and elevation plat for the proposed Southpaw Federal 30 No. 1 are reflected on Exhibit #2. The well was staked by John West Engineering of Hobbs, New Mexico.
- B. Approximately 2100 feet of existing road will be upgraded and 200 feet of new road will extend South to NE corner of pad.
- C. Intersection of Hwy 529 and Hwy 126 in Lea County. South (on Hwy 126) 5.6 miles to right (Southwest) 0.6 miles on existing lease road. Right onto new lease road 2100 feet to Southpaw Federal 30 No. 1.

#### 2. Proposed Access Road

Only 200 feet of new road will be built.

## 3. Location of Existing Wells

Exhibit #4 shows all existing wells within a one-mile radius of the proposed Southpaw Federal 30 No. 1.

#### 4. Location of Existing and/or Proposed Facilities

- A. If the well is productive, a new facility will be built on well pad. Gas produced will be transported through a 3 or 4" line to be buried along, existing road East and Northeast to tie-in located approximately 1320' FSL & 660' FEL of Sec 30.
- B. New tank battery facility will consist of one heater treater, one to two 500 barrel steel stock tanks, and one 300 barrel fiberglass water tank as reflected on Exhibit 6.
- C. The well should be a flowing oil or gas well with flow rate controlled through an adjustable choke.
- D. If the well is productive, rehabilitation plans are as follows:
  - 1. Free water will be hauled to disposal and the reserve pit will be back-filled after the contents of the pit are dry, and topsoil replaced (within 120 days of completion, weather permitting).

2. At abandonment caliche from the drill pad will be removed. The original topsoil from well site will be returned to the location. The drill site will then be contoured to the original natural state.

#### 5. Location and Type of Water Supply

The Southpaw Federal 30 No. 1 will be drilled using a combination of brine and fresh water mud systems (outlined in Drilling Program). The water will be obtained from commercial sources and trucked to location.

#### 6. Sources of Contruction Materials

All caliche utilized for the drilling pad will be obtained from the reserve pit area or an existing BLM approved pit.

#### 7. Methods of Handling Water and Waste Disposal

- A. Drill cuttings will be disposed into the reserve pit.
- B. Drilling fluids will be contained in steel mud tanks or lined earthen pits and the reserve pit. After drilling operations are complete, free water will be hauled to disposal, the cuttings and mud allowed to dry, and the pit backfilled.
- C. The reserve pit will be fenced on three sides throughout drilling operations and will be totally isolated upon removal of the rotary rig. The pit will be lined using a 5-7 mil plastic to minimize loss of drilling fluids.
- D. Water produced from the well during completion operations will be disposed into a steel tank or reserve pit, if volumes prove excessive. After placing the well on production through the production facilities, all water will be collected in tanks, pumped to a nearby lease for injection or trucked to disposal.
- E. Garbage, trash and waste paper produced during drilling operations will be collected in a contained trailer and disposed at an approved lanfill. All waste material will be contained to prevent scattering by the wind. All water, fluids, salt or other chemicals will be disposed into the reserve pit. No toxic wast or hazardous chemicals will be generated by this operation.

#### 8. Ancillary Facilities

No campsite or other facilities will be constructed as a result of this well.

#### 9. Well Site Layout

- A. The drill pad is shown on Exhibit #5. Approximate dimensions of the pad, pits and general location of the rig equipment are displayed. Top soil, if any found, will be stored adjacent to the pad until reclamation efforts are undertaken. Only modest cuts will be necessary to build the pad which will be covered with 6" compacted caliche.
- B. No permanent living facilities are planned, temporary trailers for the tool pusher, and company supervisors may be on location throughout drilling operations.
- C. The reserve pit and earthen pits will be lined using plastic sheeting of 5-7 mil thickness.

#### 10. Plans for Restoration of Surface

- A. After concluding the drilling, completion and/or production operations, the caliche will be removed from the pad and transported to the original caliche pit or used for other drilling locations. The original top soil will again be returned to the pad and contoured, as close as possible, to the original topography.
- B. The pit lining will <u>remain intact during reclamation</u> in order to prevent leaching. All pits will be filled and location leveled, weather permitting, within 120 days after abandonment. Original topsoil will be returned to the pit area.
- C. The location will be rehabilitated as recommended by the BLM.

#### 11. Surface Ownership

This well site is owned by the U.S.A. An agreement for surface orientation and use has been reached with the BLM Field Inspector during the onsite meeting.

#### 12. Other Information

- A. The area surrounding the well site is gypsiferous and supportive of desert scrub and grassland formation. The vegetation is moderately sparse with desert scrub.
- B. No permanent water or water wells are within a 1 mile radius of this location.
- C. Archeological Survey Consultants has been requested to perform and submit a cultural resources examination to the BLM office in Carlsbad, New Mexico.

Southpaw Federal 30 No. 1 Surface Use and Operating Plan Page 4

# 13. Lessee's and Operator's Representative

The Pecos Production Company representative responsible for ensuring compliance of the surface use plan is:

William R. Huck VP – Engr. and Operations

Pecos Production Company 400 W. Illinois, Suite 1070 Midland, TX 79701

(432) 620-8480

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road, that I am familiar with the conditions that presently exsit; that the statements made in this plan are, to the best if my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Pecos Production Company and its contractors under which it is approved.

# **BLOWOUT PREVENTOR ARRANGEMENT**

11" DOUBLE RAM – 3000 psi WP 80 GALLON, 3 STATION ACCUMULATOR 3000 PSI CHOKE MANIFOLD

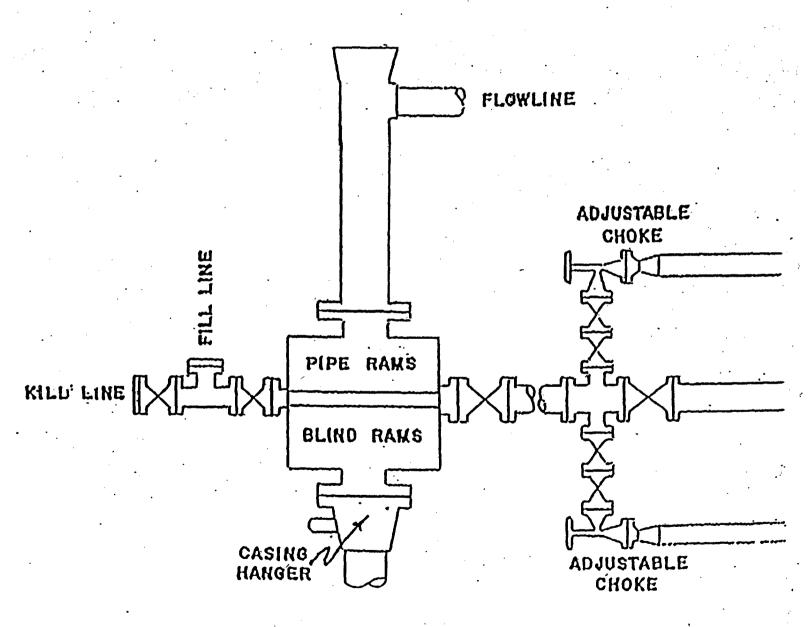


Exhibit #1
Pecos Production Company
Southpaw Federal 30 No. 1
430' FSL & 690' FEL
Sec. 30, T-18-S, R-32-E
Lea Co., NM

Attachment to Exhibit #1
Attachment to Form 3160-3
Pecos Production Company
Southpaw Federal 30 No. 1
430' FSL & 690' FWL
Section 30, T18S, R32E
Lea County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Blowout preventor and all associated fittings will be in operable condition to withstand a minimum 2000 psi working pressure.
- 3. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
- 4. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 5. Will maintain a kelly cock attached to the kelly.
- 6. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 7. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

# OIL CONSERVATION DIVISION

State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IV

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

□ AMENDED REPORT

P.O. BOX 2068, SANTA FE, N.M. 87504-2	WELL LOCATION AND	ACREAGE DEDICATION PI	AT	
API Number	Pool Code	Poo	l Name	
30-025-365	47 56413	Shugart	Delaware East	
Property Code		orty Name	Well Number	
333 46	SOUTHPAW FEDERAL 30 1			
OGRID No.	Oper	ator Name	Elevation 3674'	
215758	PECOS PRODU	PECOS PRODUCTION COMPANY		

#### Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	30	18-S	32-E		430'	SOUTH	690'	WEST	LEA

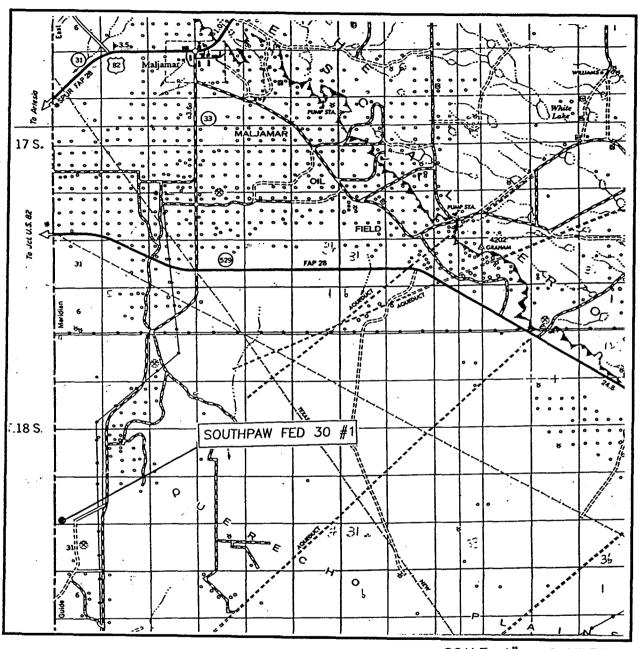
#### Bottom Hole Location If Different From Surface

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 o	r Infill Co	nsolidation (	ode Or	der No.				
40									

# NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-S	STANDARD UNIT HAS BEEN APPROVED BY	THE DIVISION
LOT 1		OPERATOR CERTIFICATION  I hereby certify the the information contained herein is true and complete to the
41.07 AC		best of my knowledge and belief.  Signature
Lot 2		William R. Huck Printed Name
		VP-Engr & Operations Title 12-5-03
41.09 AC		SURVEYOR CERTIFICATION
Lot 3	GEODETIC COORDINATES NAD 27 NME	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
	Y = 623271.5 N X = 660466.7 E   LAT.= 32°42'44.59"N   LONG.= 103°48'41.83"W	supervison and that the same is true and correct to the best of my belief.
41.11 AS/ 2/17 SALT/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1		December 01, 2003  Date Surveyed A.W.B  Signature & Sect of Company Profesional Surveyor
SEE DETAIL 600'	3673.9'	har Stadon 12/2/03
	3678.9'	Cerumon No. GARY EDSON 12641
1/41,13 AC 1/1/1/1/	//\	Minimpersion PROFESSION AND AND AND AND AND AND AND AND AND AN

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 18	<u>-S_RGE32-E</u>
SURVEY	I.M.P.M.
COUNTY	LEA
DESCRIPTION_430'	FSL & 690' FWL
ELEVATION	3674'
OPERATOR PECOS	PRODUCTION COMPANY

LEASE SOUTHPAW FEDERAL 30

Attachment to Exhibit #3

JOHN WEST SURVEYING HOBBS, NEW MEXICO (505) 393-3117

Concho Manzano Conoco Fed. 10 0EG T Bettis, etali H.E.Yates Ray Westail 10 . 1 . 2020 Siete, etall Yates Pet, etal HBP 9019 (Anadarko) D/R £30 703604 Ά Pecos 106718 40449 Prod. TykeFed Pila Yates Ener, etal, 12 T Chevron & So. Roy. 2538 Concho OFG Conoco 17 Fed. 106716 Conoco-Fed. So. Taylor Fed. Fed 4 Figifed 0 2. S. Swearingen Do Fea U. Satt 459 Toylor Accos Prod Prod. Pecos Fred. D. Sulter Rechard Fed. 4.87c Bettis, etal C.A.Liley 12 (5)<sub>4</sub> (2) •3 (Coastal F171 106715 K.O. Butler 13 ( an. Disc Siche OEE (1) 20.

Meghand File Wide

Oel. Disg. (4) 10 -g2 PITZ Gandhi Fed. IABCO Fed 7776 • (Anadarko, DIR) 9019 Fed."P03 91**36**1 4RCO · Fed K18-31, Inc.) Inca Bettis etal Fed." 106714 (10) 23 Liley Echo Prod. ean Ener. Westall id E, Exp (Fina OE. Blackhowk Fed P178 C.A. 1 P303 vn (Siete DEG.) Blackhawk Kechane : Fed Block-"Block-hawkfed Blockhawk Fed TD 4500 Liley 640 22 9016 9023 24 Geronimo Fed 9015 St. Mary Ld. E. Expl. eta 16 / Conoco JT. Muly Ser, Jr. 1/4 1663559 1 HBP westall-Young Young Keohone Fed Neg W J.S. Fed Westall 411.112 (ARCO D/R) E.SHUGART DE! St Mary Ld. E, Expl., etal C.A. ISJEMARY/LD.&EXPL (Honeysuckle) (Tom Bond) HE Yates Centennia Liley Nevon E Feary Shugart Feary Westall Mask 5 Keohare Fed. 4260 OPER. Barton HBP Chevron 9016 ●13-B-Q-1 18-31 Inc. 96855 ntinental HBP di 11 Te reenwood Unit i inc.] 065684 TDIIS Concho Res **D#45** 2007 98189 450 00 Hinkle, ならな McCurdy-McElroy Fed. 11 Featherstone H.B 21 2006 4160 17807 F540 Marbob Ener. Hosson Pet. Martob ABP (Com. Comterra Res,etal Cheyron 10 - 1 - 20 V - 6402 Devon, 9 1 96 86922 450 0 etal (Neste Oil, e **48** '32' St. P76 600 00 HAP Devon Ener 94191 CG-7655 Pitch Ener. 9 · 1 · 2008 V · 6900 575 90 3777.7 Gulf Brock, etal Fed: Helbing E-9222 HBP Spencer TD11620 01 ₹ 10 3194 eather: Tennece -1778 Panessing Stout 144 A 1 SEJ Oper Co (Danison Oil, (Damson Oil,etgh 'Watkins-St. **7**円野で、36 C.W. Stumbaffer Kukwi Oper 1 32 23006 (Terra Res.) \_H<u>.</u>E.<u>Y</u>ates 1<del>0</del>-31 Inc. Amoi State Featherstone TD 3248 etal) F195 Feathers Tone) Béach Epl Tenne co Saga Pet. etal S.R. Hinkle K. Wade 1. Je LG: 1524 Moleen TIMA V· 6364 NCRA Cor Disc Trigo Fed T04300 Lusk-St Fed: Eddy St. State wo 120 10 4270 E'9222 Hightower CST-Fed\* state 39.95 4 3996 •4 3 39.98 2'39.55 '{Kincaid Beach Marbob Marbob Stout Watson) 0718579 stholl & Mosk Amoco, etal Expl. Ener etal Marbob 9 (McKey Oil) Hannifin Fed. 104256 6018 19.1.2006 S/R Find OEC HBP Tenneco 97139 Exhibit #4 18629 (J.V. O'Kor Pecos Production Company 0319687 360 ∞ Lynx Pet. - 101 1 2 9 3 (FK. Millho 1 Kaiser Southpaw Federal 30 No. 1 Lynx Pet. # T/A Francis 15 .10319697 430' FSL & 690' FEL Snelly-3630 Hudsun Fed. Mack Ener. Fed. D.L. Hanafin Fed. Sec. 30, T-18-S, R-32-E Mortin-Scale 1" = 2000"Marbob En Lea Co., NM Morbob Echo

UpgRADE AppROX 2100

POAD

Exhibit #5 - Site Layout
Pecos Production Company
Southpaw Federal 30 No. 1
430' FSL & 690' FEL
Sec. 30, T-18-S, R-32-E
Lea Co., NM Scale 1" = 50'

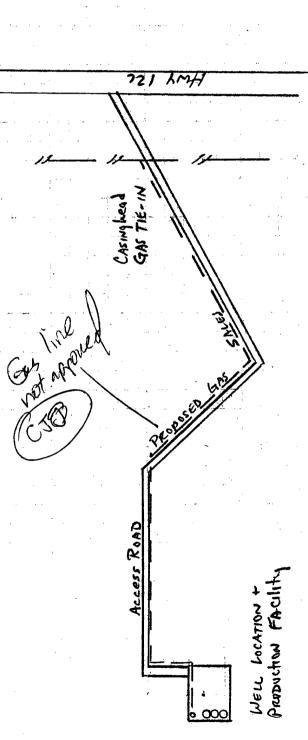


Exhibit #6 - Production Facilities
Pecos Production Company
Southpaw Federal 30 No. 1
430' FSL & 690' FEL
Sec. 30, T-18-S, R-32-E
Lea Co., NM
Scale 1" = 50

Scale 1" = 500

SECTIONS 30 & 31, TOWNSHIP 18 SOUTH, RANGE 32 EAST, N.M.P.M., NEW MEXICO. LEA COUNTY, 20 19 24 19 25 30 29 30 PHILLIPS R-32-CONOCO Z H SURVEY DIRT RD. 1+26.9 A <u>'</u>14 SURVEY E-W S 1/4 COR. 6+97. GLO B.C. "1913" ังไ U.S.A. Not appone N 58'33' E S 28'46' E 2586.7 ₹ 875.1 S 89'45' E 994.6 z SOUTHPAW FED 30 € SURV 29<sub>GLO B.C.</sub> 25 GLO B.C. 364.5 **1**913" 89\*51 2163.9 S 89'49' W 2639.9 31 32 31 COR. GLO B.C. U.S.A. "1913" A STRIP OF LAND 50.0 FEET WIDE, 4456.4 FEET OR 0.844 MILES IN LENGTH AND BEING 25.0 FEET RIGHT AND 25.0 FEET LEFT OF THE ABOVE CENTERLINE SURVEY. NOTE BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES. 1000 1000 2000 FEET Scale:1"=1000 I HEREBY CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE PECOS PRODUCTION COMPANY MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. SURVEY OF A PIPELINE CROSSING U.S.A. LAND IN SECTIONS 30 & 31, TOWNSHIP 18 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO 11/21/03 Survey Date: Sheets Sheet 1 of 1 REG. EUSONGNIM P.S. E No. 12641 JOHN WEST SURVEYING COMPANY DRAWN BY. A.W.B W.O. Number: 03.11.1287 PIPELN#1287 Scale:1"=1000 HOBBS, NEW MEXICO - 505-393-3117 Date: 11/24/03 DISK: CD#10

William PROFESSION

#### UNITED STATES DEPARTMENT OF THE INTERIOR

Bureau of Land Management Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201-1287

# Statement Accepting Responsibility for Operations

**Operator Name** 

: Pecos Production Company

Street or Box

400 W. Illinois, Suite 1070

City, State

Midland, TX

Zip Code

79701

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No.:

NM 17807

Legal Description of Land: 430' FSL & 690' FWL of Section 30, T18S-R32E

Formation (s) (if applicable):

San Andres / Grayburg

Bond Coverage (State if individually bonded or another's bond):

\$25,000

Statewide (NM)

**BLM Bond File No.:** NMB000020

Authorized Signature: Will Kluch

**Title:** VP-Engr & Operations

Date:

12/05/03