Form 3160-3 (April 2004)

FORM APPROVED OMB NO. 1004-0137

Expires: March 31,2007

UNITED STATES

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

DEC 12 2012

5. Lease Serial No.

Jicarilla	Contract	1

APPLICATION FOR PERMIT TO	DRILL OR	REENTER	1d 0556	If Indian, Allottee o	or Tribe Name
		Farmington Fig			illa Apache
		reau or Lanu w	anayon 17	If Unit or CA Agree	ement, Name and No.
1a. Type of Work: X DRILL	REENTER				
				Lease Name and W	ell No
1b. Type of Well: Oil Well X Gas Well Othe	r Single	Zone Multiple			
				arilla A #2F	
2. Name of Operator				API Well No.	111.1.
EnerVest Operating, L.L.C.	la. a			300393	
3a. Address	į.	(include area code)		. Field and Pool, or E	. ,
1001 Fannin St. Suite 800, Houston, Tx 77034	713-495-5355			anco Mesa Verde/Ba	
4. Location of well (Report location clearly and In accordance	with any State re	quirements.*)	[11.	Sec., I., K., M., or I	Blk. And Survey or Area
At surface 1850' FNL, 1045' FEL (Unit H) Sec 18 T26N R05W					
At proposed prod. zone			ì		
			Sec	e. 18 T26N R05W	
14. Distance in miles and direction from the nearest town or post	office*		12	. County or Parish	13. State
30 miles from Lindrith, NM			Rie	o Arriba	NM
15. Distance from proposed*	16. N	o. of acres in lease	17. Spacin	g Unit dedicated to th	iis well
location to nearest				RC	VD APR 9 '13
property or lease line, ft.			MV - E/320		L CONS. DIV.
(Also to nearest drlg. unit line, if any) 1045'	2558.3	6	DK - E/320)	_ 00(47' DTA'
18. Distance from proposed location*	19. P	roposed Depth	20. BLM/	BIA Bond No. on file	DIST. 3
to nearest well, drilling, completed,		7716			0.01.0
applied for, on this lease, ft. 1302'		1 110	NMB00050	03	
21. Elevations (Show whether DF. RT, GR, etc.)		proximate date work wi	ill start*	23. Estimated dur	ation
6689' GL This cesion is subject to Cohrical and	4/1/20			5 weeks	THE STATE ALTROPTS
and sopeol pursuant to 40 CFR 3165.5 The following, completed in accordance with the requirements of	24. A	ttachments		DRYLUGS U	CERATIONS AUTHORISED
The following, completed in accordance with the requirements of	Onshore Oil and	Gas Order No. 1 shall b	e attached to the	GENERAL	REQUIREMENTS".
1. Well plat certified by a registered surveyor.		4. Bond to cover the	e operations un	less covered by exist	ing bond on file(see
2. A Drilling Plan.		item 20 above).	•	-	,
3. A Surface Use Plan (if the location is on National Forest Syst	tem Lands, the	5. Operator certifica	ation.		
SUPO shall be filed with the appropriate Forest Service Offic	e).	6. Such other site sp authorized office		tion and/ or plans as	may be required by the a
25. Signature	Name (Printed	'Typed)	* ·	Date	
80		Bart Tre	evino		12/10/2012
Title					

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

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

Name (Printed Typed)

Office

* (Instructions on page 2)

Approved By (Signarur

Title

Regulatory Analyst

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

NWOCDA

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

REGENTED

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: <u>(</u>575) 393-6161 Fax: (575) 393-0720

Prione: (5/5) 593-5101 Fax: (3/5) 593-5120

District II

Prione: (5/5) 748-1283 Fax: (5/5) 748-9720

District III

1000 Rio Brazos Road, Aziec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION Farmington Field Office

1220 South St. Francis Dr. Santa Fe, NM 87505

DEC 12 2012

Bureau of Lat.d Wanagement

Form C-102 Revised August 1, 2011 Submit one copy to

appropriate

District Office

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	¹ API Number		³ Pool Name	ame			
30-039-31166		72319/71599	Dakota				
⁴ Property Code		6 Well Number					
306750	JICARILLA A 2F						
7 OGRID No.		⁹ Elevation					
143199		ENERVEST	OPERATING, LLC.	6689'			

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	18	26-N	5-W		1850	NORTH	1045	EAST	RIO ARRIBA

" 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
12 Dedicated Acres			¹³ Joint or Infil		¹⁴ Consolidation Code		15Order No.		
MV - E/320	0								
DK - E/320	0				<u> </u>				

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

*				
FD. 3 1/4" BC. 1957 BLM	S 89°31'39" W 5328.78' (C) 5273.40 W (R)	MU/DAK	CALC'D. COR. BY DBL. PROP.	OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and
		; <u> </u>		belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a
		1850'		right to drill this well at this location pursuant to a contract with an owner of such a mineral or working
	0/0		(pak	interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
			\$	
	SURFACE: LAT: 36.48933° N. (NAD 83)			12/5/12 Signature Date
	LONG: 107.39553° W. (NAD 83) LAT: 36°29'21.57024" N. (NAD 27)	SHL	1045'	Bart Trevino
	LONG: 107°23'41.73199" W. (NAD 27)			Printed Name
		1	45 (C)	btrevino@enervest.net
	+	 -	5280.00'S(R)	E-mail Address
			.8c. E.	18 SURVEYOR CERTIFICATION
		!	5280.0	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by
		į		me or under my supervision, and that the same is true and correct to the best of my belief.
		!	k s	OCTOBER 25, 2012
		-	<u> </u>	Date of Server O A. Signafure and Sell of Merginal Surveyor:
	One	i	\$	Signature and Sell of Meropeonicidal Subveyor:
				Jahry (See) Julies
	į	ļ		1 28 200
		I ! !		Profession ROANS
		MY/DAL	CALC'D, COR, BY DBL, PROP,	Certificate Number
				<u> </u>

Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

Drilling Plan

All Lease and /or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations, BLM Onshore orders and EnerVest's approved Further Development Project Plan. The operator is fully responsible for the actions of its subcontractors. A copy of the APD and Conditions of Approval will be available to the field representatives to ensure compliance.

4.1, 4.2 <u>ESTIMATED FORMATION TOPS (KB) and NOTABLE ZONES:</u>

The following formation depths and proposed casing depths are used as an example only and will be furnished on a site-specific basis for each proposed well.

Formation Name	<u>Depth</u>	Rock Type	Comments
San Jose	Surface	Sandstone	
Ojo Alamo	2373'	Sandstone	Possible Gas, Water
Kirtland	2746'	Shale	
Fruitland	2966'	Coal, Shale, Sandstone	Possible Lost Circ, Gas, Water
Pictured Cliffs	3195'	Sandstone	Possible Lost Circ, Gas, water
Lewis	3265'	Shale	Sloughing Shale
Mesa Verde (Cliffhouse)	4888'	Sandstone	Possible Lost Circ, Gas, Water
Mesa Verde (Menefee)	4969'	Coal, Sandstone, Shale	Possible Lost Circ, Gas, Water
Mesa Verde (Point Lookout)	5448'	Sandstone	Possible Lost Circ, Gas, Water
Mancos	5617'	Shale	Sloughing Shale
Gallup	6602'	Siltstone, Shale	Gas, Oil
Greenhorn	7337'	Limestone	Gas, Oil
Graneros	7395'	Shale	Gas, Oil, Water
Dakota	7420'	Sandstone	Gas, Oil, Water
Proposed Total Depth	7710'		

Fresh water zones will be adequately protected by setting and cementing the surface casing. All zones containing commercial quantities of oil or gas will be cased and cemented.

EnerVest Operating, LLC Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

4.3 PRESSURE CONTROL:

Maximum expected pressure is \sim 1696 (.22 pressure gradient) psi. The drilling contract has not yet been awarded, thus the exact BOP and Choke Manifold model to be used is not yet known. A typical 11" 2000 psi model is pictured in Exhibits A & B.

A remote accumulator will be used, the pressures, capacities location of the remote and manual controls will be identified at the time of the BLM supervised BOP test.

BOP equipment, accumulator, choke manifold and all accessories will meet or exceed BLM requirements as listed in Onshore Order #2 for the 2M systems. The pressure control equipment considerations include but will not be limited to:

- 1. BOP will be a double gate ram preventer with a set of blind rams and a set of properly-sized pipe rams.
- 2. Accumulator will have sufficient capacity to close the BOP rams and retain 200 psi above pre charge.
- 3. Accumulator fluid volume is to be maintained at manufacturer's recommendations.
- 4. BOP will also have manual closing handles available.
- 5. 2" minimum kill line and kill line valves (2).
- 6. Choke manifold (2" lines) with 2 adjustable chokes with valves and gauge.
- 7. Manually operated Kelly cocks available.
- 8. Safety valve and sub(s) with adequate opening for all drill strings used.
- 9. Fill line and flow line above the upper-most BOP rams.

BOPs will be pressure tested; after initial installation, before drilling out from under all set and cemented casing strings and any time a seal is broken. The BOPs will also be pressure tested a minimum of once every 21 days by a 3rd party. Additionally, the BOPs will be operationally checked every 24 hours.

All tests and pressure tests will be recorded on IADC log.

Ram type preventors, choke manifold and related pressure control equipment will be pressure tested to the rated working pressure of 2000 psi (high) and 250 psi (low).

The casing strings will be pressure tested per BLM Onshore Order #2 for 30 min as follows:

- a. Surface casing tested to 600 psi prior to drilling out the shoe.
- **b.** Intermediate casing tested to 1500 psi prior to drilling out the shoe. (If intermediate casing is used.)
- c. Production casing will be tested to 6000 psi (for either 4 $\frac{1}{2}$ " 11.6# N-80 or 5 $\frac{1}{2}$ " 17# N-80) at the commencement of completion operations.

Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

4.4 PROPOSED CASING PROGRAM (S):

The casings program is designed to use **Option A** below. If while drilling the hole conditions indicate that an intermediate casing may be needed then **Option B** will be used.

Casing Option A								
Hole/Casing Description	Hole Size	Casing OD	Weight lb/ft	Grade	Age	Connection	Top MD	Bottom MD
Surize	12 ¹ / ₄ "	9 5/8"	36	J-55	New	ST&C	0	500'
Prod Casing (11)	8 3/4"	5 ½"	17	N-80	New	LT&C	0	3355'
Prod Casing (2)	7 ⁷ / ₈ "	5 ½"	17	N-80	New	LT&C	3355'	7710'

Surface casing is to be cemented to surface. The production casing is to be cemented in 3 stages covering all zones of production potential and the 3rd stage is intended to circulate cement to surface.

Casing Option B								
Hole/Casing	Hole Size	Casing	Weight	Grade	Age	Connection	Top	Bottom
Description		OD	lb/ft				MD	MD
Surface Intermediate Prod Casing	12 ¹ / ₄ " 8 ³ / ₄ " 6 ¹ / ₄ "	9 ⁵ / ₈ " 7" 4 ¹ / ₂ "	36 23 11.6	J-55 J-55 N-80	New New New	ST&C LT&C LT&C	0 0 0	500° 3355° 7710°

Surface and Intermediate casings are to be cemented to surface, production casing is intended to be cemented with a 200' overlap into the intermediate casing.

4.5 CASING CEMENT:

A prototypical cementing program is listed as follows, site-specific cement designs will be produced for each well as the hole conditions warrant. The cement program will designed to meet the BLM Onshore Order #2 and NMOCD requirements.

Surface casing will be cemented to the surface.

Cement and properties; Mix and pump 225 sacks (313 cu ft) Type III cement (or equivalent) cement. Slurry density is to be 14.6 (yield = 1.39 cu ft/sx). Volume will include 100% excess. Cement is to be displaced using a top plug.

Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

Two centralizers will be run on the shoe joint, one centralizer each on the next two joints and then one centralizer on every third joint thereafter.

The surface casing will be pressure tested to 600 psi prior to drilling out the shoe.

Production casing (for Casing Option A only) will be cemented in 3 stages covering all zones of production potential and the 3rd stage is intended to circulate cement to surface. Volumes based on 50% OH excess cement for stage 1 and 45% for stages 2 and 3.

Stage 1 Lead cement; mix and pump 137 sacks (292 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

Stage 1 Tail cement; mix and pump 418 sacks (840 cu ft) premium lite high strength cement with CaCl2, cellophane, gilsonite and fluid loss agent. Slurry density is to be 12.5 (yield = 2.01 cu ft/sx).

DV tool at +/- 3355 ft.

Stage 2 Lead cement; mix and pump 89 sacks (190 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

Stage 2 Tail cement; mix and pump 50 sacks (70 cu ft) Type III cement (or equivalent) cement. Slurry density is to be 14.6 (yield = 1.39 cu ft/sx). or equivalent cement.

DV tool at +/- 2645 ft.

Stage 3 Lead cement; mix and pump 399 sacks (851 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

Stage 3 Tail cement; mix and pump 50 sacks (70 cu ft) Type III cement (or equivalent) cement. Slurry density is to be 14.6 (yield = 1.39 cu ft/sx). or equivalent cement.

Two centralizers will be run on the shoe joint, one centralizer on every third joint into the surface casing.

Intermediate casing (for Casing Option B only) will be cemented to surface in 2 stages, stage tool to be set at +/- 2645'. Cement will be designed to circulate to surface. Volumes will be based on 45% excess in OH.

Stage 1 Lead cement; mix and pump 40 sacks (85 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

EnerVest Operating, LLC Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

Stage 1 Tail cement; mix and pump 50 sacks (70 cu ft) Type III cement (or equivalent) cement. Slurry density is to be 14.6 (yield = 1.39 cu ft/sx). or equivalent cement.

DV tool @ +/- 2645 ft.

Stage 2 Lead cement; mix and pump 210 sacks (448 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

Stage 2 Tail cement; mix and pump 50 sacks (70 cu ft) Type III cement (or equivalent) cement. Slurry density is to be 14.6 (yield = 1.39 cu ft/sx). or equivalent cement.

Two centralizers will be run on the shoe joint, one centralizer on every other joint for 14 joints and then one centralizer on every third joint thereafter.

The Intermediate casing will be pressure tested to 1500 psi prior to drilling out the shoe.

Production casing (for Casing Option B only) will be cemented into the intermediate casing with a minimum of 200 ft overlap. Volumes based on 45% excess in OH.

Lead cement; mix and pump 79 sacks (167 cu ft) premium lite slurry with CaCl2, cello flake and gilsonite. Estimated slurry density is to be 12.1 (yield = 2.13 cu ft/sx).

Tail cement; mix and pump 239 sacks (481 cu ft) premium lite high strength cement with CaCl2, cellophane, gilsonite and fluid loss agent. Slurry density is to be 12.5 (yield = 2.01 cu ft/sx).

Two centralizers will be run on the shoe joint, one centralizer on every other joint into the intermediate casing, then every 3rd joint to surface.

The production casing will be pressure tested for 30 minutes at the commencement of completion operations as outlined above

Where cement has not been circulated to surface (or to planned depth) a CBL or temperature survey will be run to determine the TOC for that casing string. A CBL log will be run in the production casing prior to the commencement of completion operations.

Cement specifications may vary slightly due to cement type and cement contractor availability.

Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

4.6 MUD PROGRAM

Depth	Type Wt/pp		Visc	Fluid Loss
0-500° 500°-3355°	FW gel/Lime Spud Muc LSND/Gel sweeps, LCl			N/C 20-40 cc
3355'- 7710'	LSND/Gel sweeps, LCI	M as needed 8.5-9	.4 20-40	6-10 cc

The well will be drilled utilizing a closed loop mud handling system. The closed loop system will comply with the NMOCD pit rules pertaining to the use of the system and disposal of the drill cuttings and waste. Drilling mud will be moved for re-use to drill subsequent wells whenever possible.

Viscosity, mud weight and other physical and chemical characteristics of the drilling mud will be varied as required to keep the hole clean, circulate drill cuttings, prevent caving, prevent lost circulation and maximize penetration rate.

Sufficient mud and materials will be kept on site to maintain mud properties and meet lost circulation or mud weight requirements at all times.

Mud design may change depending on well conditions, LCM, fluid loss and viscosity will be determined by the EnerVest representative and the mud engineer on site.

4.7 CORING, TESTING, & LOGGING

No cores or drill stem tests are planned. Well logs to be run are:

Casing Option A

500' to TD; GR/Cement Bond Log, at the commencement of completion operations. **1000' to TD;** GR/Induction/Density Neutron. (Cased hole GR/Neutron will be run if the hole conditions do not allow the use of the open hole logs)

Casing Option B

500' to 3355'; GR/ Cement Bond Log, if cement is not circulated to surface in intermediate casing.

3355' to TD; GR/Induction/Density Neutron. (Cased hole GR/Neutron will be run if the hole conditions do not allow the use of the open hole logs)

Deviation surveys will be run at 500 ft intervals and at the base of each hole section prior to setting casing.

EnerVest Operating, LLC Jicarilla A # 2F

1850' FNL, 1045' FEL Unit H Sec. 18, T26N R05W Rio Arriba County, NM GL Elev: 6689'

4.8 ANTICIPATED PRESSURES AND TEMPERATURES:

a. Expected bottom hole pressure: < 1696 psi

b. Anticipated abnormal pressure: None

c. Anticipated abnormal temperatures: None d. Anticipated hazardous gas (H2S): None

If any of the foregoing conditions are unexpectedly encountered, suitable steps will be taken to mitigate according to accepted industry best practices.

4.9 OTHER INFORMATION:

The anticipated spud date is spring 2013. The spud date will be dependent on the weather conditions, road conditions and the Conditions of Approval.

The dirt work for road and well pad construction will commence upon approval of the APD and will be dependent on weather conditions.

The well will be spud after well pad construction is complete and a suitable rig becomes available. The duration of drilling operations is expected to be from two to three weeks. The drilling rig and associated equipment will be removed and preparations will be made for the completion of the well.

Completion will start about one to four weeks after the finish of the drilling operations. A completion rig will be moved in for the completion phase. The completion phase of the well is expected to +/- two weeks. The completion phase will include; perforating, acidizing, fracture stimulation and well testing.

Some events/situations may arise that could potentially change the starting date or project duration that are out of EnerVest's control. If such events/situations arise, the proper officials will be promptly notified.

EnerVest Operating, LLC Jicarilla A #2F

1850' FNL, 1045' FEL Unit H Sec 18, T26N, R05W Rio Arriba, NM

Surface Use Plan

1. <u>DIRECTIONS & EXISTING ROADS (See attached Vicinity map)</u>

The location is approximately 33 miles NW of the intersection of US Hwy 550 and NM Hwy 537

Latitude: N 36.48933 Latitude: W 107.39553

From Intersection of US Hwy 550 and NM State Hwy 537: Turn north on Hwy 537 for 28 miles, turn left on J-6, go 8.0 mi, turn right on J-63, go 5.7 mi, turn right, go 0.4 mi, turn right on to new access road to location.

2. ROAD TO BE BUILT OR UPGRADED

- A. Drilling of this well will require the construction of 89' of new access road as shown on the Access Plat. The well is to be drilled on the existing pad from the P&Aed Jicarilla # 110 well. The location will need to be enlarged and re-graded as per the survey plats submitted with the APD. After the well is completed as a commercial producer, the need for a pipeline is ascertained, it is proposed to construct approximately 1564 ft of pipeline and tie-in at the NW side of the location to an existing Williams pipeline.
- B. Width: 20 ft running surface; 40 ft total ROW with is applied for to accommodate access and drainage installation along the road.
- C. Maximum grade: 0-1%.
- D. Turnouts: No turnouts are planned for this access road.
- E. Drainage design: The drainage design for the proposed new access road will be in conformance with Jicarilla Apache Tribal and BIA standards with the agreement of the of the Jicarilla Apache Tribe. It is proposed to build a drainage holding and diversion pond near location if needed to prevent location erosion and divert drainage around the location. Any area used in this fashion will have been reviewed and given clearance for the possible archaeological and environmental impact.
- F. Location and size of culverts: None are required.
- G. Surface Materials: No gates, cattle guards or fences to be installed along the access road or the location. Road base material may be used as necessary during the drilling and completion phases of this project.

3. SURFACE OWNERSHIP

The surface ownership of the well site location and access roads are all on Jicarilla Apache Nation land.

4. EXISTING WELLS (See the Vicinity map)

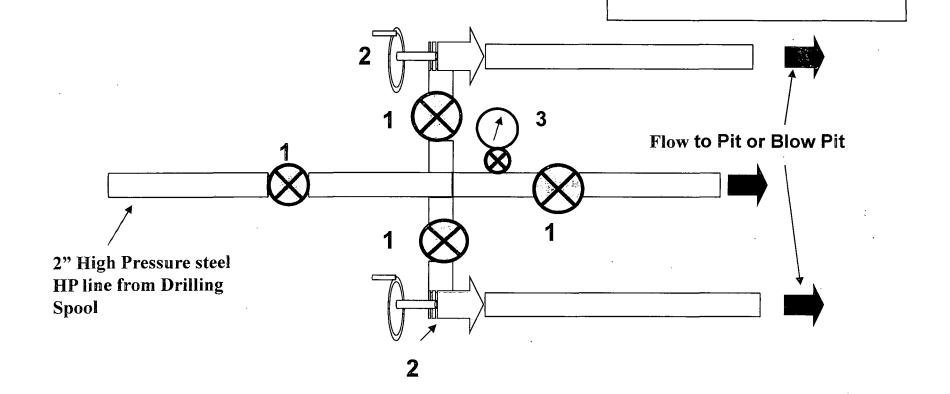
This is a development location. There are twenty-six existing wells within a one-mile radius of the proposed location as shown on the Vicinity map.

EnerVest Jicarilla 2013 Drilling Program 2000 psi Choke Manifold

Exhibit B

Components

- 1. 2" Valves (2M)
- 2. Adjustable Chokes
- 3. Gauge



EnerVest
Jicarilla 2013
Drilling Program
Blowout Preventer
2000 psi

Exhibit A

- **Components**
- 1. Wellhead 9 5/8"
- 2. Drilling Spool
- 3. Pipe Rams
- 4. Blind Rams
- 5. Spool
- 6. 2" Check Valve
- 7. 2" Manual Valves

