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orm 3160- 5	UNITED STAT			EV		FORM APPROVED
pril 2004)	DEPARTMENT OF TH					OMB No. 1004-0137
	BUREAU OF LAND MA		MAY	02 20	3	Expires: March 31, 2007
	BUREAU OF LAND MA	INAGEMENT				
SU	NDDV NOTICES AND DEI		minate	on Field	5. Lease Serial I	ЛС 35А
· Do n	NDRY NOTICES AND REI ot use this form for proposals	Billea		and Man	anemen	ottee, or Tribe Name
	loned well. Use Form 3160-3 (A					rilla Apache Tribe
<u> </u>						Agreement Name and/or No.
SUBMIT IN TR	IPLICATE - Other Instruction	is on reverse sid	de.		-	
Type of Well		- W -			8. Well Name ar	- d Ni-
X Oil Well Gas Well	Other				a. wen Name ar	na na.
Name of Operator	·				Jicari	lla 35 B Gas Com #1
EnerVest Operating, I	LC				9. API Well No.	
		3b. Phone No. (inclu	ide area co	,		30-039-05569
	on, TX 77002-6707	713-65	<u>59-350(</u>	0		ool, or Exploratory Area
Location of Well (Footage, Sec., T.,						n Gallup-Dakota, We
1850' FN1 Sec. 11 T2	2 & 990' FEL (UL H) 4N R05W				 County or Particular State 	
	RIATE BOX(S) TO INDICATE	NATIDEOEN	OTICE	REDODT		Rio Arriba, NM
TYPE OF SUBMISSION					UKUITEK	
		1 Y		ACTION		
X Notice of Intent	Acidize	Deepen	L P	Production (St	art/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	F	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction		Recomplete		Other
		Diug and shandan		Commonaile Al	and an	
BP		Plug and abandon		Cemporarily Al	oandon	
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(Instructions on page 2)

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PLUG AND ABANDONMENT PROCEDURE

Jicarilla Gas Com 35B #1

Basin Dakota 1850' FNL and 990' FEL, Section 11, T24N, R5W Rio Arriba County, New Mexico / API 30-039-05569

- Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.
 - 1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
 - Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
 - 3. Rods: Yes____, No_X_, Unknown____. Tubing: Yes_X_, No____, Unknown____, Size <u>2-3/8</u>, Length <u>6958'</u>. Packer: Yes____, No_X_, Unknown____, Type____.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

- 4. NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.
- Plug #1 (Dakota perforations and top, 6877' 6777'): Round trip gauge ring or casing scraper to 6877', or as deep as possible. RIH and set 4.5" cement retainer at 6877'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 1000#. <u>If the casings do not test, then spot or tag subsequent plugs as appropriate.</u> Circulate well clean. Mix 12-sxs Class B cement inside casing from 6877' to isolate the Dakota interval. PUH.
- 6. Plug #2 (Gallup top, 5770' 5870'): Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.
- 7. Plug #3 (Mancos top, 4990' 4890'): Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos top. PUH.

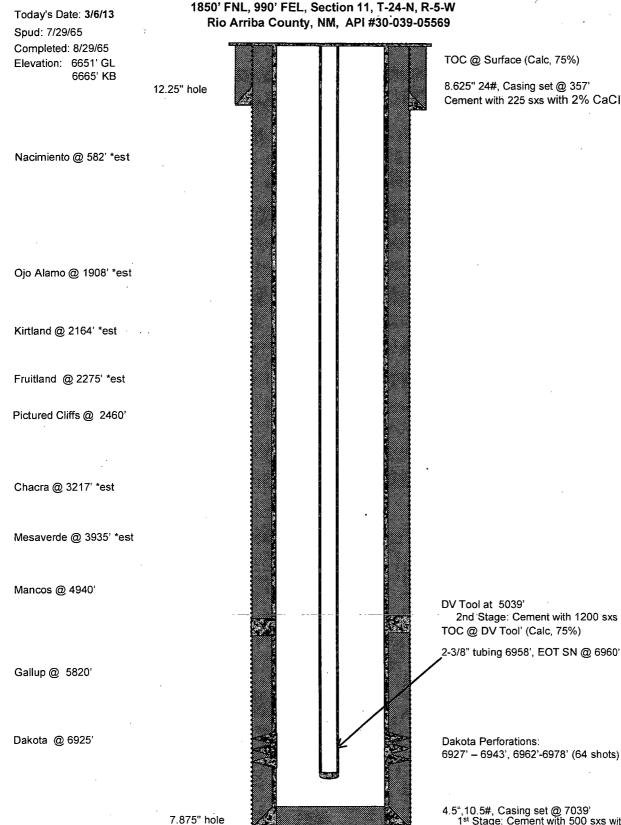
4165 3337

8. Plug #4 (Mesaverde /Chacra tops, 3985' – 3167'): Mix and pump 60 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde and Chacra tops. PUH.

- 2623 1992
- Plug #5 (Pictured Cliffs and Fruitland, Kirtland and Ojo Alamo tops, 2510' 1858'): Mix and pump 54 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH.
- 10. Plug #6 (Nacimiento top and 8.625" casing shoe, \$32' 0'): Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sxs cement and spot a balanced plug from \$32' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from \$32' and the annulus from the squeeze holes to surface. Shut in well and WOC.
- 11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Jicarilla Gas Com 35B #1

Current Basin Dakota



Cement with 225 sxs with 2% CaCI

TD 7040' PBTD 7000' 4.5",10.5#, Casing set @ 7039' 1st Stage: Cement with 500 sxs with 6% gel

Jicarilla Gas Com 35B #1 Proposed P&A Basin Dakota

1850' FNL, 990' FEL, Section 11, T-24-N, R-5-W Rio Arriba County, NM, API #30-039-05569

Today's Date: 3/6/13 Spud: 7/29/65 Completed: 8/29/65 Elevation: 6651' GL 6665' KB

Nacimiento @ 582' *est

12.25" hole

Ojo Alamo @ 1908' *est

Kirtland @ 2164' *est

Fruitland @ 2275' *est

Pictured Cliffs @ 2460'

Chacra @ 3217' *est

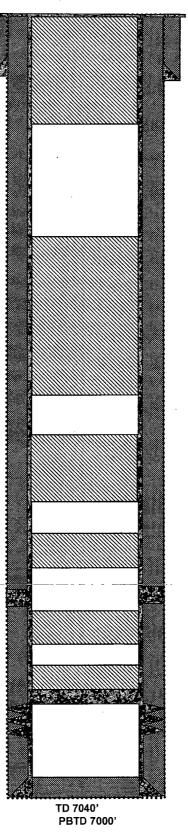
Mesaverde @ 3935' *est

Mancos @ 4940'

Gallup @ 5820'

Dakota @ 6925'

7.875" hole



TOC @ Surface (Calc, 75%)

8.625" 24#, Casing set @ 357' Cement with 225 sxs with 2% CaCI

> Plug #6: 632' – 0' Class B cement, 55 sxs

Plug #5: 2510' - 1858' Class B cement, 54 sxs

Plug #4: 3985' - 3167' Class B cement, 66 sxs

Plug #3: 4990' -- 4890' Class B cement, 12 sxs DV Tool at 5039' 2nd Stage: Cement with 1200 sxs TOC @ DV Tool' (Calc, 75%)

> Plug #2: 5770' - 5870' Class B cement, 12 sxs

> Plug #1: 6877' - 6777' Class B cement, 12 sxs

Set CR @ 6877'

Dakota Perforations: 6927' - 6943', 6962'-6978' (64 shots)

4.5",10.5#, Casing set @ 7039' 1st Stage: Cement with 500 sxs with 6% gel (590 cf)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE 6251 COLLEGE BLVD.

FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: 1 Jicarilla 35B Gas Com

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

a) Place the Measverde/Chacra plug from 4165' - 3337'.

b) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 2623' - 1992'.

c) Place the Nacimiento/Surface plug from 732' to surface.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from m_{cy} 6,2013 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.

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